

SECTION C: QUANTITY AND QUALITY OF RESEARCH

Section C1 : Publications

a. Total Number of Publications in SCOPUS/WOS/ERA

(i) Journals

(iii) Joint Publications :

b.

Section C1 (b)(ii) Number of articles published in Q1 and Q2 journals

NO.	DOCUMENT TYPE	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE START	PAGE END	YEAR	ISSN OR ISBN	Q1 OR Q2 ONLY (Blank if no data)	LINK
1	Article	Mohd Abdah, M.A.A., Azman, N.H.N., Kulandaivalu, S., Abdul Rahman, N., Abdullah, A.H., Sulaiman, Y.	Potentiostatic deposition of poly(3, 4-ethylenedioxythiophene) and manganese oxide on porous functionalised carbon fibers as an advanced electrode for asymmetric supercapacitor	Journal of Power Sources	444		227324		2019	3787753	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073694074&doi=10.1016%2fj.jpowsour.2019.227324&partnerID=40&md5=53dceb853f3d102d71189f6634aa22d9
2	Article	Ishak, N.N.M., Jamsari, J., Ismail, A.Z., Tahir, M.I.M., Tiekink, E.R.T., Veerakumarasivam, A., Ravoof, T.B.S.A.	Synthesis, characterisation and biological studies of mixed-ligand nickel (II) complexes containing imidazole derivatives and thiosemicarbazide Schiff bases	Journal of Molecular Structure	1198		126888		2019	222860	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070233068&doi=10.1016%2fj.molstruc.2019.126888&partnerID=40&md5=7ed13ab009139f7b55bf102f09bbc389
3	Article	Sadrolhosseini, A.R., Habibi, M., Shafie, S., Solaimani, H., Lim, H.N.	Optical and thermal properties of laser-ablated platinum nanoparticles graphene oxide composite	International Journal of Molecular Sciences	20	24	6153		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076278153&doi=10.3390%2fijms20246153&partnerID=40&md5=d3acfed424524a9539df5e31b89eefd
4	Article	Hazan, M.A., Mamat, M.S., Haroun, R.Z., Kamis, S.L., Ismail, I., Hussein, M.Z., Sharma, S., Tanemura, M., Yaakob, Y.	Carbon nanostructures grown from waste latex via chemical vapor deposition	Malaysian Journal of Microscopy	15	1	1	9	2019	18237010	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076280834&partnerID=40&md5=8aeff5527b8a16b1d01ee33f319e3439
5	Article	Hapishah, A.N., Hamidon, M.N., Syazwan, M.M.	Convenient method for Curie temperature determination in holmium and yttrium manganite based on capacitance value	Results in Physics	15		102665		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072622798&doi=10.1016%2fj.rinp.2019.102665&partnerID=40&md5=b99000d13e1847c45f76ca2169d9bb3
6	Article	Abdullah, N.H., Mustafa, M.S., Hamidon, M.N., Aziz, R.S., Chachuli, S.A.M.	Structural transformations of mechanically alloyed polycrystalline YMnO ₃ -based material for gas sensing application	Journal of the Australian Ceramic Society	55	4	1009	1020	2019	25101560		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076437745&doi=10.1007%2fs41779-019-00313-x&partnerID=40&md5=6dd7c2e762415eaa90690d6901ec79c0
7	Article	Nazri, N.A.A., Aziz, R.S., Man, H.C., Shaari, A.H., Saiden, N.M., Ismail, I.	Equilibrium studies and dynamic behaviour of cadmium adsorption by magnetite nanoparticles extracted from mill scales waste	Desalination and Water Treatment	171		115	131	2019	19443994	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076780089&doi=10.5004%2fdwt.2019.25002&partnerID=40&md5=c692dd025ea9b0a8a69c6c702a5b8eea
8	Article	Baby, R., Saifullah, B., Hussein, M.Z.	Palm Kernel Shell as an effective adsorbent for the treatment of heavy metal contaminated water	Scientific Reports	9	1	18955		2019	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076370351&doi=10.1038%2fs41598-019-55099-6&partnerID=40&md5=eea4d66db07b0fe79a96e597a1e516f9

9	Article	Haris, N.I.N., Sobri, S. , Yusof, Y.A., Kassim, N.	Oil palm empty fruit bunch extract and powder as an eco-friendly corrosion inhibitor for mild steel: A comparison study	Materials and Corrosion	70	12	2326	2333	2019	9475117		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067648631&doi=10.1002%2fmaco.201910959&partnerID=40&md5=1302801cf4a6d1f6bd2f66cf8d6460ab
10	Article	Rashid, U. , Soltani, S., Choong, T.S.Y., Nehdi, I.A., Ahmad, J., Ngamcharussrivichai, C.	Palm biochar-based sulphated zirconium (Zr-AC-HSO ₃) catalyst for methyl ester production from palm fatty acid distillate	Catalysts	9	12	1029		2019	20734344	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076752721&doi=10.3390%2fcatal9121029&partnerID=40&md5=ce8354aa76c4cd4295386836ddf7ca0a
11	Article	Low, Z.H., Ismail, I., Shafie, M.S.E., Ibrahim, I.R., Ertugrul, M., Azis, R.S. , Mohd Saiden, N., Hasan, I.H., Mohd Idris, F., Nazlan, R.	Magnetic phase transition of mechanically alloyed single sample Co _{0.5} Ni _{0.5} Fe ₂ O ₄	Results in Physics	15		102683		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072712573&doi=10.1016%2fj.rinp.2019.102683&partnerID=40&md5=7a25655c790ee5f2efb5993028f8aaa
12	Article	Nawang, R. , Hussein, M.Z., Matori, K.A., Che Abdullah, C.A., Hashim, M.	Physicochemical properties of hydroxyapatite/montmorillonite nanocomposite prepared by powder sintering	Results in Physics	15		102540		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071270047&doi=10.1016%2fj.rinp.2019.102540&partnerID=40&md5=9fb0a44a2b8cfa8ad339b308a744ecbe
13	Article	Khaidir, R.E.M., Fen, Y.W. , Zaid, M.H.M., Matori, K.A., Omar, N.A.S., Anuar, M.F., Wahab, S.A.A., Azman, A.Z.K.	Exploring Eu ³⁺ -doped ZnO-SiO ₂ glass derived by recycling renewable source of waste rice husk for white-LEDs application	Results in Physics	15		102596		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071094547&doi=10.1016%2fj.rinp.2019.102596&partnerID=40&md5=6e74a8cf54a3578ac94f5d3e460b7118
14	Article	Mustafa, M.N., Shafie, S., Wahid, M.H., Sulaiman, Y.	Optimization of power conversion efficiency of polyvinyl-alcohol/titanium dioxide as light scattering layer in DSSC using response surface methodology/central composite design	Results in Physics	15		102559		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070584208&doi=10.1016%2fj.rinp.2019.102559&partnerID=40&md5=17f6208c026d56f3410862798012ead3
15	Article	Choo, T.F., Mohd Salleh, M.A. , Kok, K.Y., Matori, K.A.	Modified cenospheres as non-sacrificial pore-forming agent for porous mullite ceramics	Ceramics International	45	17	21827	21834	2019	2728842	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069037535&doi=10.1016%2fj.ceramint.2019.07.189&partnerID=40&md5=11b2c59c3fba32352b23d3d349d5225
16	Article	M. Sharif, N.F., Shafie, S. , Ab. Kadir, M.Z.A., Hasan, W.Z.W., Mustafa, M.N., Samaila, B.	The effect of titanium (IV) chloride surface treatment to enhance charge transport and performance of dye-sensitized solar cell	Results in Physics	15		102725		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074775650&doi=10.1016%2fj.rinp.2019.102725&partnerID=40&md5=9d3277c9f06eaf2f589d81af64085d99
17	Article	Anas, N.A.A., Fen, Y.W. , Omar, N.A.S., Ramdzan, N.S.M., Daniyal, W.M.E.M.M., Saleviter, S., Zainudin, A.A.	Optical properties of chitosan/hydroxyl-functionalized graphene quantum dots thin film for potential optical detection of ferric (III) ion	Optics and Laser Technology	120		105724		2019	303992	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073650616&doi=10.1016%2fj.optlastec.2019.105724&partnerID=40&md5=8eedb19a2437a131894ff64812f0577
18	Article	Saad, S.M., Abdullah, J. , Rashid, S.A., Fen, Y.W., Salam, F., Yih, L.H.	A fluorescence quenching based gene assay for Escherichia coli O157:H7 using graphene quantum dots and gold nanoparticles	Microchimica Acta	186	12	804		2019	263672	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075182688&doi=10.1007%2fs00604-019-3913-8&partnerID=40&md5=b3081bc41981869393bc006826d7249d

19	Article	Zaid, M.H.M., Matori, K.A. , Ab Aziz, S.H., Kamari, H.M., Fen, Y.W., Yaakob, Y., Sa'at, N.K., Gürol, A., Şakar, E.	Effect of heat treatment temperature to the crystal growth and optical performance of Mn³/O⁴/ doped α-Zn²/SiO⁴- based glass-ceramics	Results in Physics	15		102569		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070894781&doi=10.1016%2fj.rinp.2019.102569&partnerID=40&md5=ad9fd7bb6ddf13044ed546850057d44
20	Article	Raof, N.A., Yunus, R. , Rashid, U., Azis, N., Yaakub, Z.	Effect of molecular structure on oxidative degradation of ester based transformer oil	Tribology International	140		105852		2019	0301679X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068251765&doi=10.1016%2fj.triboint.2019.105852&partnerID=40&md5=100d60f2b31867c60950f0262707a7a4
21	Article	Mustafa, M.N., Shafie, S., Wahid, M.H., Sulaiman, Y.	Light scattering effect of polyvinyl-alcohol/titanium dioxide nanofibers in the dye-sensitized solar cell	Scientific Reports	9	1	14952		2019	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073558223&doi=10.1038%2f541598-019-50292-z&partnerID=40&md5=ee578bf9a9d5f0639c3fd3bb84e771d2
22	Article	Hapipi, N.M., Lim, J.K., Chen, S.K. , Lee, O.J., Shaari, A.H., Kechik, M.M.A., Lim, K.P., Tan, K.B., Murakami, M., Miryala, M.	Comparative study on ac susceptibility of yba²/cu³/o⁷-δ⁶/ added with bazro³/nanoparticles prepared via solid-state and co-precipitation method	Crystals	9	12	655		2019	20734352	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076521826&doi=10.3390%2fcryst9120655&partnerID=40&md5=9846174fb1b71c0455a2c0d9470c2eef
23	Article	Kulandaivalu, S., Suhaimi, N., Sulaiman, Y.	Unveiling high specific energy supercapacitor from layer-by-layer assembled polypyrrole/graphene oxide polypyrrole/manganese oxide electrode material	Scientific Reports	9	1	4884		2019	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063353488&doi=10.1038%2f541598-019-41203-3&partnerID=40&md5=4e84a5aa4efeea73a0d7d764e7a0fbb3
24	Article	Mohd Abdah, M.A.A., Azman, N.H.N., Kulandaivalu, S., Sulaiman, Y.	Asymmetric supercapacitor of functionalised electrospun carbon fibers/poly(3,4-ethylenedioxythiophene)/manganese oxide//activated carbon with superior electrochemical performance	Scientific Reports	9	1	16782		2019	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075115509&doi=10.1038%2f541598-019-53421-w&partnerID=40&md5=c34bd586354a9f1b38bc738b82f91b6b
25	Article	Sulaiman, S., Azis, R.S. , Ismail, I., Man, H.C., Nazri, N.A.A.	Adsorption potential of magnetite nanoparticles for copper removal from aqueous solution	International Journal of Innovative Technology and Exploring Engineering	9	1	5424	5429	2019	22783075		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075289430&doi=10.35940%2fijitee.A8101.119119&partnerID=40&md5=09b94f48f06484599d1f274411ba54f0
26	Article	Rosdi, N., Azis, R.S. , Ismail, I., Mustafa, M.S., Mokhtar, N.	Effect of sintering temperatures on structural, magnetic and microwave properties of barium ferrites/epoxy composites	International Journal of Innovative Technology and Exploring Engineering	9	1	5445	5449	2019	22783075		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075306459&doi=10.35940%2fijitee.A8102.119119&partnerID=40&md5=bd24673ce0f73bbbd4792576ecb66405
27	Article	Karuppaiah, P., Gowthaman, N.S.K., Balakumar, V., Shankar, S., Lim, H.N.	Ultrasonic synthesis of CuO nanoflakes: A robust electrochemical scaffold for the sensitive detection of phenolic hazard in water and pharmaceutical samples	Ultrasonics Sonochemistry	58		104649		2019	13504177	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067572459&doi=10.1016%2fj.ultsonch.2019.104649&partnerID=40&md5=a5d5712ba37db8229bc1bf71d533c510
28	Article	Zyoud, A.H., Abdelhadi, D.H., Helal, M.H.S., Zyoud, S.H., Bsharat, H., Abu-Alrob, S.M., Sabli, N. , Qamhieh, N., Hajamohideen, A.R., Hilal, H.S.	Enhancement of electrochemically deposited pristine CdTe film electrode photoelectrochemical characteristics by annealing temperature and cooling rate	Optik	197		163220		2019	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070681221&doi=10.1016%2fj.jleo.2019.163220&partnerID=40&md5=2d5e7f57a957e6c452fba6e676d7ed7b

29	Article	Safa Gamal, M., Asikin-Mijan, N., Arumugam, M., Rashid, U. , Taufiq-Yap, Y.H.	Solvent-free catalytic deoxygenation of palm fatty acid distillate over cobalt and manganese supported on activated carbon originating from waste coconut shell	Journal of Analytical and Applied Pyrolysis	144		104690		2019	1652370	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073019311&doi=10.1016%2fj.jaap.2019.104690&partnerID=40&md5=14a7d11a78ef6f5ad037469da0a7efbd
30	Article	Saleviter, S., Yap, W.F. , Mustaqim Mohd Daniyal, W.M.E., Abdullah, J., Sadrolhosseini, A.R., Sheh Omar, N.A.	Design and analysis of surface plasmon resonance optical sensor for determining cobalt ion based on chitosan-graphene oxide decorated quantum dots-modified gold active layer	Optics Express	27	22	32294	32307	2019	10944087	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074326332&doi=10.1364%2fOpticsExpress.2019.032294&partnerID=40&md5=3474479b160e3df3b898438c35cf5764
31	Article	Ajma'In, F., Yusoff, M.Z.M., Yahya, M.S., Zainie, I.S., Abdullah, C.A.C.	Effect of nitric acid concentration on the optical and surface morphology of zinc oxide (ZnO) thin films	Materials Research Express	6	11	115910		2019	20531591	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073627395&doi=10.1088%2f2053-1591%2fab48a1&partnerID=40&md5=a7d41fe232b57e327cbfdada6bc11bf2
32	Article	Nazri, N.A.A., Azis, R.S. , Man, H.C., Ismail, I., Ibrahim, I.R.	Extraction of magnetite from mill scales waste for ultrafast removal of cadmium ions	International Journal of Engineering and Advanced Technology	9	1	5902	5907	2019	22498958		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074605947&doi=10.35940%2fijeat.A3025.109119&partnerID=40&md5=23a52aa23aedfb85d8ffcd686724e18
33	Article	Lokman, I.M., Rashid, U. , Moser, B.R., Taufiq-Yap, Y.H.	Appraisal of Biodiesel Prepared Via Acid Catalysis from Palm Fatty Acid Distillate	Iranian Journal of Science and Technology, Transaction A: Science	43	5	2205	2210	2019	10286276	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068817920&doi=10.1007%2fs40995-018-0642-5&partnerID=40&md5=5dc68dc743c149665969b31e21f34d9b
34	Article	Hasan, I.H. , Hamidon, M.N., Ismail, A., Ismail, I., Mohd Azhari, N.A., Mohd Kusaimi, M.A., Azhari, S.	Nickel zinc ferrite thick film with linseed oil as organic vehicle for microwave device applications	Materials Chemistry and Physics	236		121790		2019	2540584	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068508528&doi=10.1016%2fj.matchemphys.2019.121790&partnerID=40&md5=112c7bea645936900f74db195df00929
35	Article	Abdullah, H.B., Ramli, I. , Ismail, I., Yusof, N.A.	Synthesis and mechanism perspectives of a carbon nanotube aerogel via a floating catalyst chemical vapour deposition method	Bulletin of Materials Science	42	5	241		2019	2504707	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069715005&doi=10.1007%2fs12034-019-1924-z&partnerID=40&md5=7c9c18d869e0e4f82e5786b1a0e0621a
36	Article	Rajan, R.K., Hussein, M.Z., Fakurazi, S., Yusoff, K., Masarudin, M.J.	Increased ROS scavenging and antioxidant efficiency of chlorogenic acid compound delivered via a chitosan nanoparticulate system for efficient in vitro visualization and accumulation in human renal adenocarcinoma cells	International Journal of Molecular Sciences	20	19	4667		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072577538&doi=10.3390%2fijms20194667&partnerID=40&md5=a73c07d2be0718f2acfcf008c2bb8cf
37	Article	Jacob, P.J., Masarudin, M.J. , Hussein, M.Z., Rahim, R.A.	Optimization of process parameters influencing the sustainable construction of iron oxide nanoparticles by a novel tropical wetlands <i>Streptomyces</i> spp.	Journal of Cleaner Production	232		193	202	2019	9596526	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067295727&doi=10.1016%2fj.jclepro.2019.05.359&partnerID=40&md5=5045b34c9790290d8dd7282f9629e0ba

38	Article	Lah, Z.M.A.N.H., Ahmad, S.A.A. , Zaini, M.S., Kamarudin, M.A.	An Electrochemical Sandwich Immunosensor for the Detection of HER2 using Antibody-Conjugated PbS Quantum Dot as a label	Journal of Pharmaceutical and Biomedical Analysis	174		608	617	2019	7317085	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068069762&doi=10.1016%2fj.jpba.2019.06.024&partnerID=40&md5=d53a949e016daafe0a6ddb2e39097da
39	Review	Anas, N.A.A., Fen, Y.W. , Omar, N.A.S., Daniyal, W.M.E.M.M., Ramdzan, N.S.M., Saleviter, S.	Development of Graphene Quantum Dots-Based Optical Sensor for Toxic Metal Ion Detection	Sensors (Basel, Switzerland)	19	18			2019	14248220	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071743066&doi=10.3390%2fs19183850&partnerID=40&md5=107e993d8d80fd4bcfce3482e7aa0fa0d
40	Article	Dasdevan, N., Abdah, M.A.A.M., Sulaiman, Y.	Facile Electrodeposition of Poly(3,4-ethylenedioxythiophene) on Poly(vinyl alcohol) Nanofibers as the Positive Electrode for High-Performance Asymmetric Supercapacitor	Energies	12	17	3382		2019	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072107452&doi=10.3390%2fen12173382&partnerID=40&md5=1d9e2e7c6465ddc86ca962e1bd8ecc53
41	Article	Ibrahim, R., Hussein, M.Z. , Yusof, N.A., Bakar, F.A.	Carbon nanotube-quicklime nanocomposites prepared using a nickel catalyst supported on calcium oxide derived from carbonate stones	Nanomaterials	9	9	1239		2019	20794991	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073478690&doi=10.3390%2fnan09091239&partnerID=40&md5=f9c46b0a2b39d5c2d6c476d50a92e2a4
42	Article	Hapishah, A.N., Hamidon, M.N. , Syazwan, M.M., Shafiee, F.N.	Effect of grain size on microstructural and magnetic properties of holmium substituted yttrium iron garnets ($Y_{1-x}Fe_xO_5$)	Results in Physics	14		102391		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066948341&doi=10.1016%2fj.rinp.2019.102391&partnerID=40&md5=4cb4a8b5e7c5ad23c14fd4f8666903ac
43	Article	Ibrahim, N.A., Rashid, U. , Taufiq-Yap, Y.H., Yaw, T.C.S., Ismail, I.	Synthesis of carbonaceous solid acid magnetic catalyst from empty fruit bunch for esterification of palm fatty acid distillate (PFAD)	Energy Conversion and Management	195		480	491	2019	1968904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506567416&doi=10.1016%2fj.enconman.2019.05.022&partnerID=40&md5=4bf2f4c007cc3b2e17fb3b4bea6aa010
44	Article	Tamsir, N.M., Esa, N.M., Shafie, N.H., Hussein, M.Z. , Hamzah, H., Abdullah, M.A.	The acute effects of oral administration of phytic acid-chitosan-magnetic iron oxide nanoparticles in mice	International Journal of Molecular Sciences	20	17	4114		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073318297&doi=10.3390%2fijms20174114&partnerID=40&md5=42eb46636a50d36ca200f806dcbce5fd
45	Article	Mohd Chachuli, S.A., Hamidon, M.N. , Mamat, M.S., Ertugrul, M., Abdullah, N.H.	Response of TiO_2 /MWCNT/B gas sensor to hydrogen using different organic binder	Materials Science in Semiconductor Processing	99		140	148	2019	13698001	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071772302&doi=10.3390%2fijms20174114&partnerID=40&md5=02a8d76ddcc5fdd7fa5cef0c3f64199c
46	Article	Sadrolhosseini, A.R. , Rashid, S.A., Jamaludin, N., Isloor, A.M.	Experimental and molecular modeling of interaction of carbon quantum dots with glucose	Applied Physics A: Materials Science and Processing	125	8	529		2019	9478396	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064532945&doi=10.1016%2fmssp.2019.04.009&partnerID=40&md5=4a4d475374cc237df737341468297b6d
47	Article	Ebadi, M., Buskaran, K., Saifullah, B., Fakurazi, S., Hussein, M.Z.	The impact of magnesium–aluminum-layered double hydroxide-based poly(vinyl alcohol) coated on magnetite on the preparation of core-shell nanoparticles as a drug delivery agent	International Journal of Molecular Sciences	20	15	3764		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069454094&doi=10.1007%2fs00339-019-2753-z&partnerID=40&md5=88d0673e7f73b24a91cb73402382b826

48	Article	Mastar, A.A., Abdullah, J. , Yusof, N.A., Fen, Y.W.	An optical sensor based on graphene quantum dots for hydrogen peroxide detection [Sensor optik berasaskan titik kuantum grafin untuk pengesanan hidrogen peroksida]	Malaysian Journal of Analytical Sciences	23	4	572	579	2019	13942506	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070993614&doi=10.3390%2fjms20153764&partnerID=40&md5=d1786440fa162b2ebc5ae8b974e7516c
49	Article	Jamilan, M.A., Abdullah, J. , Alang Ahmad, S.A., Md Noh, M.F.	Voltammetric determination of iodide in iodized table salt using cetyltrimethylammonium bromide as ion-pairing	Journal of Food Science and Technology	56	8	3846	3853	2019	221155	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071360270&doi=10.17576%2fmjas-2019-2304-02&partnerID=40&md5=6be4ea617089a7899498d5752012cb74
50	Article	Sabbagh, H.A.K., Abudayah, Z., Abudoleh, S.M., Alkrad, J.A., Hussein, M.Z. , Hussein-Ali, S.H.	Application of multiple regression analysis in optimization of metronidazole-chitosan nanoparticles	Journal of Polymer Research	26	8	205		2019	10229760	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067415997&doi=10.1007%2fs13197-019-03855-x&partnerID=40&md5=f6e49631bbd60ac7ae71dcfc8a65d490
51	Article	Amanina, A.K.Z., Rosnah, S. , Noranizan, M.A., Alifdalino, S.	Comparison of UV-C and thermal pasteurisation for the quality preservation of pineapple-mango juice blend	Food Research	3	4	362	372	2019	25502166		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066603002&doi=10.26656%2ffr.2017.3%284%29.151&partnerID=40&md5=9eadf2d9b01f5def0decea167597c74d
52	Article	Foo, C.Y., Huang, N.M., Lim, H.N. , Jiang, Z.-T., Altarawneh, M.	Hydrostatic bath synthesis of conductive polypyrrole/reduced graphene oxide aerogel as compression sensor	European Polymer Journal	117		227	235	2019	143057	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065789339&doi=10.1016%2fj.eurpolymj.2019.05.021&partnerID=40&md5=89a19e47f1f03e4bd886fe7bb95daae
53	Article	Ahmad, G., Rasool, N., Rizwan, K., Altaf, A.A., Rashid, U. , Hussein, M.Z., Mahmood, T., Ayub, K.	Role of pyridine nitrogen in palladium-catalyzed imine hydrolysis: A Case Study of (E)-1-(3-bromothiophen-2-yl)-N-(4-methylpyridin-2-yl)methanimine	Molecules	24	14	2609;		2019	14203049		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069636437&doi=10.3390%2fmolecules24142609&partnerID=40&md5=ad9991596c93d9bd7d3ca51084d5580
54	Article	Ibrahim, I.R., Hashim, M., Ismail, I. , Matori, K.A., Azis, R.S., Nazlan, R., Abdullah, N.H., Wan Ab Rahman, W.N., Mohd Idris, F., Mat Daud, N.H.	Systematic microstructural development with thermal diffusivity behaviour from nanometric to micronic grains of strontium titanate	Journal of Thermal Analysis and Calorimetry	137	1	105	119	2019	13886150	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057576560&doi=10.1007%2fs10973-018-7954-8&partnerID=40&md5=06ec78c6e722627df14f13790434be0c
55	Article	Ibrahim, I., Lim, H.N. , Huang, N.M.	Cellulose acetate beads modified with cadmium sulfide and Methylene blue for adsorbent-assisted photoelectrochemical detection of copper(II) ions	Microchimica Acta	186	7	452		2019	263672	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067337032&doi=10.1007%2fs00604-019-3547-x&partnerID=40&md5=e17667774b521de903e152a63bdb395
56	Article	Lokman, M.Q., Shafie, S. , Shaban, S., Ahmad, F., Jaafar, H., Rosnan, R.M., Yahaya, H., Abdullah, S.S.	Enhancing photocurrent performance based on photoanode thickness and surface plasmon resonance using Ag-TiO ₂ nanocomposites in dye-sensitized solar cells	Materials	12	13	2111		2019	19961944	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068828229&doi=10.3390%2fma12132111&partnerID=40&md5=80817fc80a16d823c17441560e060dd8

57	Article	Rashid, U. , Ahmad, J., Ibrahim, M.L., Nisar, J., Hanif, M.A., Shean, T.Y.C.	Single-pot synthesis of biodiesel using efficient sulfonated-derived tea waste-heterogeneous catalyst	Materials	12	14	2293		2019	19961944	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070454354&doi=10.3390%2fa12142293&partnerID=40&md5=3c809162710fa2c923f6c4b2089cfc13
58	Article	Lee, H.K., Talib, Z.A., Nazira, M.S.M.-M., Wang, E., Lim, H.N., Mahdi, M.A., Ng, E.K., Yusoff, N.M., AL-Jumaili, B.E., Liew, J.Y.C.	Effect of sodium hydroxide concentration in synthesizing zinc selenide/graphene oxide composite via microwave-assisted hydrothermal method	Materials	12	14	2295		2019	19961944	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070450633&doi=10.3390%2fa12142295&partnerID=40&md5=112ea367752b0fea0f3cdf7c7466667f
59	Article	Ahmad, M.S., Mehmood, M.A., Luo, H., Shen, B., Latif, M., Ghani, W.A.A.K., Alkhattabi, N.A., Aloqbi, A.A., Jambi, E.J., Gull, M., Rashid, U.	Pyrolysis and thermogravimetric study to elucidate the bioenergy potential of novel feedstock produced on poor soils while keeping the environmental sustainability intact	Sustainability (Switzerland)	11	13	3592		2019	20711050	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068796980&doi=10.3390%2fsu11133592&partnerID=40&md5=dd93849cf83e3d84d6c499a98d24b96d
60	Article	Alibe, I.M., Matori, K.A. , Sidek, H.A.A., Yaakob, Y., Rashid, U., Alibe, A.M., Zaid, M.H.M., Nasir, S., Nasir, M.M.	Effects of polyvinylpyrrolidone on structural and optical properties of willemitte semiconductor nanoparticles by polymer thermal treatment method	Journal of Thermal Analysis and Calorimetry	136	6	2249	2268	2019	13886150	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056708608&doi=10.1007%2fs10973-018-7874-7&partnerID=40&md5=b04e748a4a46f7922286bce73af97fc5
61	Article	Hashim, N., Sharif, S.N.M., Muda, Z., Md Isa, I., Ali, N.M., Bakar, S.A., Sidik, S.M., Hussein, M.Z.	Preparation of zinc layered hydroxide-ferulate and coated zinc layered hydroxide-ferulate nanocomposites for controlled release of ferulic acid	Materials Research Innovations	23	4	233	245	2019	14328917	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042932656&doi=10.1080%2f14328917.2018.1444696&partnerID=40&md5=1c505078f5f3deafae66a65f28d938b
62	Article	Yusof, E.N.M., Nasri, N.M., Ravoof, T.B.S.A. , Tiekink, E.R.T.	A ternary nickel(II) schiff base complex containing di-anionic and neutral forms of a dithiocarbazate schiff base	MolBank	2019	2	M1057		2019	14228599	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068441459&doi=10.3390%2fM1057&partnerID=40&md5=7c6e477b75d950ee22c4784ae5e307b8
63	Article	Haris, N.I.N., Sobri, S. , Kassim, N.	Oil palm empty fruit bunch extract as green corrosion inhibitor for mild steel in hydrochloric acid solution: Central composite design optimization	Materials and Corrosion	70	6	1111	1119	2019	9475117		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059351836&doi=10.1002%2fmaco.201810653&partnerID=40&md5=38bbfa80baa0cf9cb877a467c203bc1e
64	Article	Omar, N.A.S., Fen, Y.W. , Abdullah, J., Zaid, M.H.M., Daniyal, W.M.E.M.M., Mahdi, M.A.	Sensitive surface plasmon resonance performance of cadmium sulfide quantum dots-amine functionalized graphene oxide based thin film towards dengue virus E-protein	Optics and Laser Technology	114		204	208	2019	303992	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061209207&doi=10.1016%2fj.optlastec.2019.01.038&partnerID=40&md5=27b32e4ce0983f359e33896886df68b9
65	Article	Bullo, S., Buskaran, K., Baby, R., Dorniani, D., Fakurazi, S., Hussein, M.Z.	Dual Drugs Anticancer Nanoformulation using Graphene Oxide-PEG as Nanocarrier for Protocatechuic Acid and Chlorogenic Acid	Pharmaceutical Research	36	6	91		2019	7248741	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064892866&doi=10.1007%2fs11095-019-2621-8&partnerID=40&md5=89d4436236018e3658f9e4d4c4e0e58b
66	Article	Omar, N.A.S., Fen, Y.W. , Saleviter, S., Daniyal, W.M.E.M.M., Anas, N.A.A., Ramdzan, N.S.M., Roshidi, M.D.A.	Development of a graphene-based surface plasmon resonance optical sensor chip for potential biomedical application	Materials	12	12	1928		2019	19961944	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067947090&doi=10.3390%2fa12121928&partnerID=40&md5=f120c0f773bdfcd55ddd945e43e0cc4

67	Article	Ribut, S.H., Che Abdullah, C.A. , Mohammad Yusoff, M.Z.	Investigations of structural and optical properties of zinc oxide thin films growth on various substrates	Results in Physics	13		102146		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063232604&doi=10.1016%2fj.rinp.2019.02.082&partnerID=40&md5=b16d62e6c369e991fb1fd86e10ee8827
68	Article	Mohanadas, D., Tukimin, N., Sulaiman, Y.	Simultaneous electrochemical detection of hydroquinone and catechol using poly(3,4-ethylenedioxythiophene)/reduced graphene oxide/manganese dioxide	Synthetic Metals	252		76	81	2019	3796779	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064414908&doi=10.1016%2fj.synthmet.2019.04.014&partnerID=40&md5=f46015b96bcf9012bd15fb9ee782f42d
69	Article	Wan Khalit, W.N.A., Mustafa, M.N., Sulaiman, Y.	Synergistic effect of poly(3,4-ethylenedioxythiophene), reduced graphene oxide and aluminium oxide) as counter electrode in dye-sensitized solar cell	Results in Physics	13		102355		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066153712&doi=10.1016%2fj.rinp.2019.102355&partnerID=40&md5=f210cd5d996a7c8ca5ac7c84a2b5cec8
70	Article	M. Sharif, N.F., Kadir, M.Z.A.A., Shafie, S. , Rashid, S.A., Wan Hasan, W.Z., Shaban, S.	Charge transport and electron recombination suppression in dye-sensitized solar cells using graphene quantum dots	Results in Physics	13		102171		2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062719177&doi=10.1016%2fj.rinp.2019.102171&partnerID=40&md5=642224655aacd4dd2480457a1170a40d
71	Article	Manan, F.A.A., Hong, W.W., Abdullah, J. , Yusof, N.A., Ahmad, I.	Nanocrystalline cellulose decorated quantum dots based tyrosinase biosensor for phenol determination	Materials Science and Engineering C	99		37	46	2019	9284931	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060327204&doi=10.1016%2fj.msec.2019.01.082&partnerID=40&md5=0f35a9cf8e99d6a363ea27f22a1c2140
72	Article	Hapipi, N.M., Chen, S.K. , Shaari, A.H., Kechik, M.M.A., Tan, K.B., Lim, K.P., Lee, O.J.	AC Susceptibility of BaZrO ₃ Nanoparticles Added YBaCuO Superconductor Prepared via Coprecipitation Method	Journal of Superconductivity and Novel Magnetism	32	5	1191	1198	2019	15571939	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051693674&doi=10.1007%2fs10948-018-4829-y&partnerID=40&md5=38e6e0cca128e06e1af9f3ba6e0d6eb4
73	Article	Holi, A.M., Zainal, Z. , Ayal, A.K., Chang, S.-K., Lim, H.N., Talib, Z.A., Yap, C.-C.	Ag ₂ S/ZnO Nanorods Composite Photoelectrode Prepared by Hydrothermal Method: Influence of Growth Temperature	Optik	184		473	479	2019	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065056027&doi=10.1016%2fj.jleo.2019.03.010&partnerID=40&md5=025ef830da88cb27c8fd98b3979973e5
74	Article	Maluin, F.N., Hussein, M.Z. , Yusof, N.A., Fakurazi, S., Idris, A.S., Hilmi, N.H.Z., Daim, L.D.J.	A potent antifungal agent for basal stem rot disease treatment in oil palms based on chitosan-dazomet nanoparticles	International Journal of Molecular Sciences	20	9	2247		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065789017&doi=10.3390%2fijms20092247&partnerID=40&md5=99cecc4e2ef7ae410b6429a06444084e
75	Article	Akinfalabi, S.-I., Rashid, U. , Choong Shean, T.Y., Nehdi, I.A., Sbihi, H.M., Gewik, M.M.	Esterification of palm fatty acid distillate for biodiesel production catalyzed by synthesized kenaf seed cake-based sulfonated catalyst	Catalysts	9	5	482		2019	20734344	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069470356&doi=10.3390%2fata19050482&partnerID=40&md5=8833a8c2fd8d9cb7c411468ce0e0064c
76	Article	Sadrolhosseini, A.R. , Rashid, S.A., Shafie, S., Nezakati, H.	Laser ablation synthesis of gold nanoparticle to enhance the fluorescence properties of graphene quantum dots	Journal of Laser Applications	31	2	22006		2019	1042346X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063103192&doi=10.2351%2f1.5046062&partnerID=40&md5=4e5023ff9ab0a342e6f3953ad5983b29

77	Article	Roshidi, M.D.A., Fen, Y.W. , Daniyal, W.M.E.M.M., Omar, N.A.S., Zulholinda, M.	Structural and optical properties of chitosan-poly(amidoamine) dendrimer composite thin film for potential sensing Pb ²⁺ using an optical spectroscopy	Optik	185		351	358	2019	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063651637&doi=10.1016%2fj.jleo.2019.03.118&partnerID=40&md5=4a6f0a8ee904930c31b34e904ba90e15
78	Article	Mustafa, M.N., Shafie, S., Wahid, M.H., Sulaiman, Y.	Optimization of power conversion efficiency of polyvinyl-alcohol/titanium dioxide compact layer using response surface methodology/central composite design	Solar Energy	183		689	696	2019	0038092X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063214403&doi=10.1016%2fj.solener.2019.03.074&partnerID=40&md5=300b3a47554631538de94169419479ba
79	Article	Firouz Fadaeifard, Pakmanesh, M.R., Esfahani, M.S., Matori, K.A. , Chicot, D.	Nanoindentation Analysis of Friction Stir Welded 6061-T6 Al Alloy in As-Weld and Post Weld Heat Treatment	Physics of Metals and Metallography	120	5	483	491	2019	0031918X	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067411364&doi=10.1134%2fS0031918X1905003X&partnerID=40&md5=7b1f77379bd460ae7dc1c6b406ade68
80	Article	Moradihamedani, P., Abdullah, A.H.	Ammonia removal from aquaculture wastewater by high flux and high rejection polysulfone/cellulose acetate blend membrane	Polymer Bulletin	76	5	2481	2497	2019	1700839	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052795000&doi=10.1007%2fs00289-018-2507-7&partnerID=40&md5=3d7613b12f5f64a585e8ab81d2fa791
81	Article	Raof, N.A., Yunus, R., Rashid, U. , Azis, N., Yaakub, Z.	Effects of Molecular Structure on the Physical, Chemical, and Electrical Properties of Ester-Based Transformer Insulating Liquids	JAOCs, Journal of the American Oil Chemists' Society	96	5	607	616	2019	0003021X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064907909&doi=10.1002%2faoocs.12212&partnerID=40&md5=7396d99abf2f919f5e6efef0cf0447e9
82	Article	Muda, Z., Hashim, N., Isa, I.M., Bakar, S.A., Ali, N.M., Hussein, M.Z. , Mamat, M., Sidik, S.M.	Synthesis and characterization of mesoporous zinc layered hydroxide-isoprocarb nanocomposite	Journal of Saudi Chemical Society	23	4	486	493	2019	13196103	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054167509&doi=10.1016%2fj.jscs.2018.08.012&partnerID=40&md5=0f02cfd715e93926faab040ee455e9a9
83	Article	Israr, H., Rasool, N., Rizwan, K., Hashmi, M.A., Mahmood, T., Rashid, U. , Hussein, M.Z., Akhtar, M.N.	Synthesis and reactivities of triphenyl acetamide analogs for potential nonlinear optical material uses	Symmetry	11	5	622		2019	20738994	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066340836&doi=10.3390%2fSym11050622&partnerID=40&md5=8c21744f340f17c43ff2ba6ca479cbc2
84	Article	Mohd Abdah, M.A.A., Abdul Rahman, N., Sulaiman, Y.	Ternary functionalised carbon nanofibers/polypyrrole/manganese oxide as high specific energy electrode for supercapacitor	Ceramics International	45	7	8433	8439	2019	2728842	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061125145&doi=10.1016%2fj.ceramint.2019.01.152&partnerID=40&md5=933b4982d359a0cc1183b27b02ef5622
85	Article	Gani, S.A., Muhammad, S.A., Kura, A.U., Barahueie, F., Hussein, M.Z. , Fakurazi, S.	Effect of protocatechuic acid-layered double hydroxide nanoparticles on diethylnitrosamine/phenobarbital-induced hepatocellular carcinoma in mice	PLoS ONE	14	5	e0217009		2019	19326203	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066455319&doi=10.1371%2fjourn.pone.0217009&partnerID=40&md5=d76c71fad2a810439c053dcc8c6a296e
86	Article	Rahman, M.M., Ibrahim, K., Taha, H., Amri, A., Zhao, X., Kabir, H., Moh, T.S.Y., Ahmed, B., Zhou, Z.-F., Azis, R.S. , Hossain, M.A., Altarawneh, M., Jiang, Z.-T.	Studies of annealing impact on the morphological, opto-dielectric and mechanical behaviors of molybdenum-doped CrN coatings	Thin Solid Films	677		119	129	2019	406090	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063475951&doi=10.1016%2fj.tsf.2019.03.016&partnerID=40&md5=a6a22d6eab7495057fe96f82e128e4a0

87	Article	Effendy, N., Aziz, S.H.A., Kamari, H.M., Matori, K.A., Zaid, M.H.M.	Enhanced green photoluminescence of erbium doped Zn2-SiO4 glass-ceramics as phosphor in optoelectronic devices	Journal of Alloys and Compounds	783		441	447	2019	9258388	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059353180&doi=10.1016%2fj.jallcom.2018.12.362&partnerID=40&md5=ad934c9c9885458c626779eda74a2966
88	Article	Murthy, A.S., Aziz, N., Mohd Yousof, M.F., Jasni, J., Othman, M.L., Talib, M.A., Das, B.P.	Investigation on the resonant oscillations in an 11 kV distribution transformer under standard and chopped lightning impulse overvoltages with different shield placement configurations	Energies	12	8	1466		2019	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065486995&doi=10.3390%2fen12081466&partnerID=40&md5=9962b991a78e3cee9470bc535c522bec
89	Article	Ismail, I., Matori, K.A., Abbas, Z., Zulkimi, M.M.M., Idris, F.M., Zaid, M.H.M., Rahim, N., Hasan, I.H., Song, W.H.	Single- and Double-Layer Microwave Absorbers of Cobalt Ferrite and Graphite Composite at Gigahertz Frequency	Journal of Superconductivity and Novel Magnetism	32	4	935	943	2019	15571939	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049059197&doi=10.1007%2fs10948-018-4749-x&partnerID=40&md5=cbbeda529d23d177c9fe408a18bd7e6c
90	Article	Foo, C.T., Salleh, M.A.M., Ying, K.K., Matori, K.A.	Mineralogy and thermal expansion study of mullite-based ceramics synthesized from coal fly ash and aluminum dross industrial wastes	Ceramics International	45	6	7488	7494	2019	2728842	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059952811&doi=10.1016%2fj.ceramint.2019.01.041&partnerID=40&md5=19e3b8afe763f66f304a8a4828b5669d
91	Article	Ismail, M., Bakaruddin, B.R., Lethesh, K.C., Mutalib, M.I.A., Shah, S.N.	Experimental and theoretical study on extraction and recovery of naphthenic acid using dicyanamide-based ionic liquids	Separation and Purification Technology	213		199	212	2019	13835866	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058665474&doi=10.1016%2fj.seppur.2018.12.033&partnerID=40&md5=9be9a140ee493aacc165877bcc64d121
92	Article	Kulandaivalu, S., Sulaiman, Y.	Designing an advanced electrode of mixed carbon materials layered on polypyrrole/reduced graphene oxide for high specific energy supercapacitor	Journal of Power Sources	419		181	191	2019	3787753	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062244853&doi=10.1016%2fj.powsour.2019.02.079&partnerID=40&md5=0a10c98c08e339afe8c9cd00224d6e07
93	Article	Sadrolhosseini, A.R., Abdul Rashid, S., Jamaludin, N., Noor, A.S.M., Isloor, A.M.	Surface plasmon resonance sensor using polypyrrole-chitosan/graphene quantum dots layer for detection of sugar	Materials Research Express	6	7	75028		2019	20531591	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066041647&doi=10.1088%2f2053-1591%2fab0b7a&partnerID=40&md5=a6b63a9e2d4072bc183ec85b67d3f8d4
94	Article	Daniyal, W.M.E.M.M., Fen, Y.W., Abdullah, J., Sadrolhosseini, A.R., Saleviter, S., Omar, N.A.S.	Label-free optical spectroscopy for characterizing binding properties of highly sensitive nanocrystalline cellulose-graphene oxide based nanocomposite towards nickel ion	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	212		25	31	2019	13861425	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059103256&doi=10.1016%2fj.saa.2018.12.031&partnerID=40&md5=41b7cd818b4d62691208c50393ab6f66
95	Article	Aujara, K.M., Chieng, B.W., Ibrahim, N.A., Zainuddin, N., Ratnam, C.T.	Gamma-irradiation induced functionalization of graphene oxide with organosilanes	International Journal of Molecular Sciences	20	8	1910		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065091247&doi=10.3390%2fijms20081910&partnerID=40&md5=78e91c867c9d89e2490ff2807e99f748
96	Article	Nasser Al-Ameri, S.M.A., Yousof, M.F.M., Aziz, N., Avinash, S.M., Talib, M.A., Salem, A.A.	Frequency response of transformer winding to investigate the influence of RLC	Indonesian Journal of Electrical Engineering and Computer Science	14	1	219	229	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061156915&doi=10.11591%2fijeecs.v14.i1.pp219-229&partnerID=40&md5=b60bc27ddcf2d9c33b989f9cc8b27e67

97	Article	Fowotade, S.A., Yusof, N.A. , Abdullah, J., Sulaiman, Y., Abd Rahman, S.F.	Enhanced electrochemical sensing of secondary metabolites in oil palms for early detection of Ganoderma boninense based on novel nanoparticle-chitosan functionalized multi-walled carbon nanotube platform	Sensing and Bio-Sensing Research	23		100274		2019	22141804	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063012498&doi=10.1016%2fj.sbsr.2019.100274&partnerID=40&md5=bfad7665d4be8a64c82466381f3062af
98	Article	Khaidir, R.E.M., Fen, Y.W. , Zaid, M.H.M., Matori, K.A., Omar, N.A.S., Anuar, M.F., Wahab, S.A.A., Azman, A.Z.K.	Optical band gap and photoluminescence studies of Eu 3+ -doped zinc silicate derived from waste rice husks	Optik	182		486	495	2019	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060705537&doi=10.1016%2fj.jleo.2019.01.061&partnerID=40&md5=ef94776c461fa7683cdf05d2587fcfd8
99	Article	Zahiruddin, S.M.M., Othman, S.H. , Tawakkal, I.S.M.A., Talib, R.A.	Mechanical and thermal properties of tapioca starch films plasticized with glycerol and sorbitol	Food Research	3	2	157	163	2019	25502166		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066603213&doi=10.26656%2ffr.2017.3%282%29.105&partnerID=40&md5=3d4919d5022cc6a806fa8b17fdccb4c5
100	Article	Mohammed Modawe Alshik Edris, N., Abdullah, J., Kamaruzaman, S., Sulaiman, Y.	Voltammetric determination of hydroquinone, catechol, and resorcinol by using a glassy carbon electrode modified with electrochemically reduced graphene oxide-poly(Eriochrome black T) and gold nanoparticles	Microchimica Acta	186	4	261		2019	263672	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063962943&doi=10.1007%2fs00604-019-3376-y&partnerID=40&md5=edb7968ae7907d1b03d6049cc795c3ca
101	Article	Norhayati, H., Mohd, S.S.N., Isa, I.M., Mazidah, M., Mohd, A.N., Abu, B.S., Zobir, H.M. , Abu, B.N., Rusmawati Wan, M.W.	Intercalation and characterisation of novel broad-leaved herbicide nanocomposite from zinc/aluminium layered double hydroxide and quinmerac	Research Journal of Chemistry and Environment	23	4	36	45	2019	9720626	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073768473&partnerID=40&md5=9d9915c7ec3547f0bc48abc1e6acff8a8
102	Article	Kefas, H.M., Yunus, R. , Rashid, U., Taufiq-Yap, Y.H.	Enhanced biodiesel synthesis from palm fatty acid distillate and modified sulfonated glucose catalyst via an oscillation flow reactor system	Journal of Environmental Chemical Engineering	7	2	102993		2019	22133437	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062688531&doi=10.1016%2fj.jece.2019.102993&partnerID=40&md5=29753b8fc363c53bc229de45e4b3cbb
103	Review	Abdulkareem-Alsultan, G., Asikin-Mijan, N., Lee, H.V., Rashid, U. , Islam, A., Taufiq-Yap, Y.H.	Review on thermal conversion of plant oil (Edible and inedible) into green fuel using carbon-based nanocatalyst	Catalysts	9	4	350		2019	20734344	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065394037&doi=10.3390%2fcatal9040350&partnerID=40&md5=9cef8c09ecfeb2ccdf0ea03c3583b3e
104	Article	Engku Ali, E.A.G., Matori, K.A. , Saion, E., Aziz, S.H.A., Zaid, M.H.M., Alibe, I.M.	Effect of sintering temperatures on structural and optical properties of ZnO-ZnO composite prepared by using amorphous SiO ₂ nanoparticles	Journal of the Australian Ceramic Society	55	1	115	122	2019	25101560		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061061730&doi=10.1007%2fs41779-018-0217-0&partnerID=40&md5=862cc82170b70b7166f002cf786950f8
105	Article	Khiri, M.Z.A., Matori, K.A. , Zaid, M.H.M., Abdullah, C.A.C., Zainuddin, N., Alibe, I.M., Rahman, N.A.A., Wahab, S.A.A., Azman, A.Z.K., Effendy, N.	Crystallization behavior of low-cost biphasic hydroxyapatite/ β -tricalcium phosphate ceramic at high sintering temperatures derived from high potential calcium waste sources	Results in Physics	12		638	644	2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058149785&doi=10.1016%2fj.rinp.2018.12.025&partnerID=40&md5=0a67d7669269b5503eedd8aa6a80e93c
106	Article	Hashim, N., Mohd Sharif, S.N., Muda, Z., Isa, I.M., Bakar, S.A., Ali, N.M., Hussein, M.Z. , Mamat, M.	Release behavior of dichlorprop from Zn/Al-LDH-dichlorprop nanocomposite into chloride, carbonate and phosphate solutions	Jurnal Teknologi	81	2	1	10	2019	1279696	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062941772&doi=10.11113%2ft.v81.12919&partnerID=40&md5=2547c6b72e9073516236f6fa1477d150

107	Article	Rahman, N.A.A., Matori, K.A. , Zaid, M.H.M., Zainuddin, N., Aziz, S.A., Khiri, M.Z.A., Jalil, R.A., Jusoh, W.N.W.	Fabrication of Alumino-Silicate-Fluoride based bioglass derived from waste clam shell and soda lime silica glasses	Results in Physics	12		743	747	2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058452168&doi=10.1016%2fj.rinp.2018.12.035&partnerID=40&md5=2aba567f78d4848904dc4e1330c57c41
108	Article	Jusoh, W.N.W., Matori, K.A. , Zaid, M.H.M., Zainuddin, N., Khiri, M.Z.A., Rahman, N.A.A., Jalil, R.A., Kul, E.	Effect of sintering temperature on physical and structural properties of Alumino-Silicate-Fluoride glass ceramics fabricated from clam shell and soda lime silicate glass	Results in Physics	12		1909	1914	2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061615898&doi=10.1016%2fj.rinp.2019.01.077&partnerID=40&md5=697720ac46028a0f81d246192ee4015f
109	Article	Challabi, A.J.H., Chieng, B.W., Ibrahim, N.A. , Ariffin, H., Zainuddin, N.	Effect of superheated steam treatment on the mechanical properties and dimensional stability of PALF/PLA biocomposite	Polymers	11	3	482		2019	20734360	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063365163&doi=10.3390%2fpolym11030482&partnerID=40&md5=4a92820b498f1a265c77f9e1a3f1e1d3
110	Article	Salih, E.Y., Sabri, M.F.M., Tan, S.T., Sulaiman, K., Hussein, M.Z. , Saïd, S.M., Yap, C.C.	Preparation and characterization of ZnO/ZnAl ₂ O ₄ -mixed metal oxides for dye-sensitized photodetector using Zn/Al-layered double hydroxide as precursor	Journal of Nanoparticle Research	21	3	55		2019	13880764	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062949782&doi=10.1007%2fs11051-019-4501-x&partnerID=40&md5=6d3aaceb043128ea1c8c202a77e00319
111	Article	Xin Jing, H., Che Abdullah, C.A. , Mohd Yusoff, M.Z., Mahyuddin, A., Hassan, Z.	Structural and optical properties of AlN/GaN and AlN/AlGaIn/GaN thin films on silicon substrate prepared by plasma assisted molecular beam epitaxy (MBE)	Results in Physics	12		1177	1181	2019	22113797	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059594989&doi=10.1016%2fj.rinp.2018.12.095&partnerID=40&md5=87728f6f219b3b7b047c5702dfb3e26e
112	Article	Yusof, E.N.M., Latif, M.A.M., Tahir, M.I.M., Sakoff, J.A., Simone, M.I., Page, A.J., Veerakumarasivam, A., Tiekink, E.R.T., Ravoof, T.B.S.A.	O-vanillin derived schiff bases and their organotin(IV) compounds: Synthesis, structural characterisation, in-silico studies and cytotoxicity	International Journal of Molecular Sciences	20	4	854		2019	16616596		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061857490&doi=10.3390%2fijms20040854&partnerID=40&md5=d09667f23aad26f977c222c1100b33f5
113	Article	Mison, N. , Zanil, U., Mustafa, S.S., Aris, I., Wahab, N.I.A.	Effect of dual permanent magnets on low-speed mover having different pitch: Linear oscillatory actuator integrated with magnetic gear	Journal of Engineering Science and Technology	14	Special Issue on SU18	229	240	2019	18234690	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069641233&partnerID=40&md5=9cb848883f56c476666393acf5da595
114	Article	Sadrolhosseini, A.R. , Abdul Rashid, S., Shafie, S., Soleimani, H.	Laser ablation synthesis of Ag nanoparticles in graphene quantum dots aqueous solution and optical properties of nanocomposite	Applied Physics A: Materials Science and Processing	125	2	82		2019	9478396	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059777926&doi=10.1007%2fs00339-018-2233-x&partnerID=40&md5=4993dbd5e0ab3db7d6a16ad754ab0b71
115	Article	Akinfalabi, S.-I., Rashid, U. , Yunus, R., Taufiq-Yap, Y.H.	Appraisal of sulphonation processes to synthesize palmwaste biochar catalysts for the esterification of palm fatty acid distillate	Catalysts	9	2	184		2019	20734344	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062876283&doi=10.3390%2fcatal9020184&partnerID=40&md5=58a6a69e8264d4e24dda0b87cf8f8e5e
116	Article	Wahab, S.A.A., Matori, K.A. , Aziz, S.H.A., Zaid, M.H.M., Kechik, M.M.A., Azman, A.Z.K., Khaidir, R.E.M., Khiri, M.Z.A., Effendy, N.	Synthesis of cobalt oxide Co ₃ O ₄ -doped zinc silicate based glass-ceramic derived for LED applications	Optik	179		919	926	2019	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056881431&doi=10.1016%2fj.jleo.2018.11.025&partnerID=40&md5=4b8fab69b84a401e5614514b61491ab2

117	Article	Salihi, S.M., Misron, N. , Zanil, U., Othman, M.L., Hanamoto, T.	A parameterised magnetic geared double-stator permanent magnet generator for torque improvement	Journal of Engineering Science and Technology	14		191	203	2019	18234690	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506751521&partnerID=40&md5=4597cefb41f80c9b5cbe4c34cef0c0d
118	Article	Ribut, S.H., Che Abdullah, C.A. , Mustafa, M., Mohd Yusoff, M.Z., Ahmad Azman, S.N.	Influence of pH variations on zinc oxide nanoparticles and their antibacterial activity	Materials Research Express	6	2	25016		2019	20531591	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057758190&doi=10.1088%2f2053-1591%2faaecbc&partnerID=40&md5=dd80c3fe485c6a6ce55d4dd66aeccce52
119	Article	Nasir, S., Hussein, M.Z. , Zainal, Z., Yusof, N.A., Mohd Zobir, S.A., Alibe, I.M.	Potential valorization of by-product materials from oil palm: A review of alternative and sustainable carbon sources for carbon-based nanomaterials synthesis	BioResources	14	1	2352	2388	2019	19302126	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061318931&doi=10.15376%2fbiores.14.1.Nasir&partnerID=40&md5=cc9c1dee748e052704747120da9a9154
120	Article	Ramdzan, N.S.M., Fen, Y.W. , Omar, N.A.S., Anas, N.A.A., Daniyal, W.M.E.M.M., Saleviter, S., Zainudin, A.A.	Optical and surface plasmon resonance sensing properties for chitosan/carboxyl-functionalized graphene quantum dots thin film	Optik	178		802	812	2019	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054833040&doi=10.1016%2fj.jleo.2018.10.071&partnerID=40&md5=e14f74c20b05ee939dca05497ff61364
121	Article	Albert, E.L., Sajiman, M.B., Che Abdullah, C.A.	Incorporation of magnetic nanoparticle to graphene oxide via simple emulsion method and their cytotoxicity	Applied Nanoscience (Switzerland)	9	1	43	48	2019	21905509		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061285975&doi=10.1007%2f13204-018-0927-1&partnerID=40&md5=42eb557f75920b901791bb2ed4f941e7
122	Article	Syazwani, O.N., Rashid, U. , Mastuli, M.S., Taufiq-Yap, Y.H.	Esterification of palm fatty acid distillate (PFAD) to biodiesel using Bi-functional catalyst synthesized from waste angel wing shell (<i>Cyrtopleura costata</i>)	Renewable Energy	131		187	196	2019	9601481	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052641305&doi=10.1016%2fj.renene.2018.07.031&partnerID=40&md5=7a4789d678708b414dd42200fe0537c9
123	Article	Farabi, M.S.A., Ibrahim, M.L., Rashid, U. , Taufiq-Yap, Y.H.	Esterification of palm fatty acid distillate using sulfonated carbon-based catalyst derived from palm kernel shell and bamboo	Energy Conversion and Management	181		562	570	2019	1968904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059203453&doi=10.1016%2fj.enconman.2018.12.033&partnerID=40&md5=80b2210f5f0c09969cbd6fc18e683500
124	Article	Azman, N.H.N., Sulaiman, Y. , Mamat @ Mat Nazir, M.S., Lim, H.N.	Novel poly(3,4-ethylenedioxythiophene)/reduced graphene oxide incorporated with manganese oxide/iron oxide for supercapacitor device	Journal of Materials Science: Materials in Electronics	30	2	1458	1467	2019	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057303064&doi=10.1007%2f10854-018-0415-0&partnerID=40&md5=64fe2245472835f14e0bf84f0e4bccfe
125	Article	Syazwani, O.N., Mohd Hir, Z.A., Mukhair, H., Mastuli, M.S., Abdullah, A.H.	Designing visible-light-driven photocatalyst of Ag ₃ PO ₄ /CeO ₂ for enhanced photocatalytic activity under low light irradiation	Journal of Materials Science: Materials in Electronics	30	1	415	423	2019	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055896306&doi=10.1007%2f10854-018-0306-4&partnerID=40&md5=75ea09c930e70d7fde38e028fe394fdf

126	Article	Soltani, S., Rashid, U. , Roodbar Shojaei, T., Nehdi, I.A., Ibrahim, M.	Modeling of the nanocrystalline-sized mesoporous zinc oxide catalyst using an artificial neural network for efficient biodiesel production	Chemical Engineering Communications	206	1	33	47	2019	986445	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047814394&doi=10.1080%2F0986445.2018.1471399&partnerID=40&md5=91bd99447a5309f8b5267bc10c31dbee
127	Article	Ahmad, S.A.A. , Ciampi, S., Parker, S.G., Gonçalves, V.R., Gooding, J.J.	Forming Ferrocenyl Self-Assembled Monolayers on Si(100) Electrodes with Different Alkyl Chain Lengths for Electron Transfer Studies	ChemElectroChem	6	1	211	220	2019	21960216	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059333300&doi=10.1002%2Fcelec.201800717&partnerID=40&md5=f319d6f84b98e3ce279b8a4d6e180c00
128	Review	Silas, K., Ghani, W.A.W.A.K., Choong, T.S.Y., Rashid, U.	Carbonaceous materials modified catalysts for simultaneous SO ₂ and NO _x removal from flue gas: A review	Catalysis Reviews - Science and Engineering	61	1	134	161	2019	1614940	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048824791&doi=10.1080%2F01614940.2018.1482641&partnerID=40&md5=4297d6a362c50cf50a5b621febc7cc5c
129	Editorial	Rehan, M., Nizami, A.-S., Rashid, U. , Naqvi, M.R.	Editorial: Waste biorefineries: Future energy, green products and waste treatment	Frontiers in Energy Research	7	JUN	55		2019	2296598X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069050870&doi=10.3389%2Feng.2019.00055&partnerID=40&md5=51d6df4a6ff12d499ea9125bb9fa809c
130	Article	Farhan, M., Mohtar, M.N. , Shafie, S., Azis, N., Hassan, W.Z.W.	Hybrid systems for robotic navigations	Journal of Advanced Research in Dynamical and Control Systems	11	9 Special Issue	167	173	2019	1943023X	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073759261&doi=10.5373%2Fjardcs%2Fv11%2F20192551&partnerID=40&md5=b092b5c8c9e8fc1ad90a8efb563c4c02
131	Article	Rosdi, N., Azis, R.S. , Mustaffa, M.S., Abdullah, N.H., Sulaiman, S., Ling, T.T.	Synthesis and characterization of Mg-Ti substituted barium hexaferrite (BaMg _{0.6} Ti _{0.6} Fe _{10.8} O ₁₉) derived from millscale waste for microwave application	Journal of Materials Science: Materials in Electronics					2019	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064217344&doi=10.1007%2F10854-019-01186-3&partnerID=40&md5=f7d0cb4b46f0ea20334e6ca47c076287
132	Article	Ismail, I. , Mamat, M.S., Adnan, N.L., Yunusa, Z., Hasan, I.H.	Novel 3-Dimensional Cotton-Like Graphenated-Carbon Nanotubes Synthesized via Floating Catalyst Chemical Vapour Deposition Method for Potential Gas-Sensing Applications	Journal of Nanomaterials	2019		5717180		2019	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074273099&doi=10.1155%2F2019%2F5717180&partnerID=40&md5=87d5d3cde0b26a7e9707369e918398aa
133	Article	Ruzaimi, A., Shafie, S. , Hassan, W.Z.W., Azis, N., Effendy Ya'acob, M., Elianddy, E.	Temperature distribution analysis of monocrystalline photovoltaic panel for photovoltaic-thermoelectric generator (PV-TEG) hybrid application	Indonesian Journal of Electrical Engineering and Computer Science	17	2	858	876	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073836573&doi=10.11591%2Fijeecs.v17.i2.pp858-867&partnerID=40&md5=7c20b145cb5dae615511538a2eed5851
134	Article	Ismail, I. , Abdullah, A.H., Abdul Arifin, A.S., Ibrahim, I.R., Shafie, F.N., Azis, R.S.	Phase, morphological, and magnetic properties of iron oxide nanoparticles extracted from mill scale waste and its surface modification with CTAB surfactant	Journal of the Australian Ceramic Society					2019	25101560		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073799965&doi=10.1007%2F141779-019-00391-x&partnerID=40&md5=ea6df3aed6d5fc696484ca8d4b4f990f
135	Article	Maluin, F.N., Hussein, M.Z. , Yusof, N.A., Fakurazi, S., Abu Seman, I., Zainol Hilmi, N.H., Jeffery Daim, L.D.	Enhanced fungicidal efficacy on: Ganoderma boninense by simultaneous co-delivery of hexaconazole and dazomet from their chitosan nanoparticles	RSC Advances	9	46	27083	27095	2019	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071636381&doi=10.1039%2F9ra05417k&partnerID=40&md5=cc991aee76920665e061f65ac82e9eb3

136	Article	Nasir, S., Hussein, M.Z. , Zainal, Z., Yusof, N.A.	Development of New Carbon-Based Electrode Material from Oil Palm Waste-Derived Reduced Graphene Oxide and Its Capacitive Performance Evaluation	Journal of Nanomaterials	2019		1970365		2019	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076885642&doi=10.1155%2F2019%2F1970365&partnerID=40&md5=179624c1d4e9da85f443fa511147c292
137	Review	Choo, T.F., Salleh, M.A.M. , Kok, K.Y., Matori, K.A.	A review on synthesis of mullite ceramics from industrial wastes	Recycling	4	3	39		2019	23134321		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074231684&doi=10.3390%2Frecycling4030039&partnerID=40&md5=27b0c70b55738b20c0f781d98429e441
138	Article	Ahmad Khiri, M.Z., Matori, K.A. , Mohd Zaid, M.H., Che Abdullah, C.A., Zainuddin, N., Alibe, I.M., Abdul Rahman, N.A., Abdul Wahab, S.A.	The effect of the pH values and sintering temperatures on the physical, structural and mechanical properties of nano hydroxyapatite derived from ark clam shells (Anadara granosa) prepared via the wet chemical precipitate method	Ceramics - Silikaty	63	2	194	203	2019	8625468	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507119346&doi=10.13168%2Fcs.2019.0011&partnerID=40&md5=30f753e9420b40821148b0ac6412ef01
139	Review	Sadrolhosseini, A.R. , Shafie, S., Fen, Y.W.	Nanoplasmonic sensor based on surface plasmon-coupled emission: Review	Applied Sciences (Switzerland)	9	7	1497		2019	20763417	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068622424&doi=10.3390%2Fapp9071497&partnerID=40&md5=99b108117ce4f5abb179b837ee423968
140	Review	Ikram, M.M., Hanif, M.A., Khan, G.S., Rashid, U. , Nadeem, F.	Significant seed oil feedstocks for renewable production of biodiesel: A review	Current Organic Chemistry	23	14	1509	1516	2019	13852728	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074994588&doi=10.2174%2F1385272823666190417103550&partnerID=40&md5=e5c3b16ce9c0693565eb4b05f317af7a
141	Article	Maluin, F.N., Hussein, M.Z. , Yusof, N.A., Fakurazi, S., Idris, A.S., Hilmi, N.H.Z., Daim, L.D.J.	Preparation of chitosan-hexaconazole nanoparticles as fungicide nanodelivery system for combating Ganoderma disease in oil palm	Molecules	24	13	2498		2019	14203049	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068843149&doi=10.3390%2Fmolecules24132498&partnerID=40&md5=a78a882cebbf5a509926f729d61454fb
142	Article	Daniyal, W.M.E.M.M., Fen, Y.W. , Anas, N.A.A., Omar, N.A.S., Ramdzan, N.S.M., Nakajima, H., Mahdi, M.A.	Enhancing the sensitivity of a surface plasmon resonance-based optical sensor for zinc ion detection by the modification of a gold thin film	RSC Advances	9	71	41729	41736	2019	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076819264&doi=10.1039%2F9ra07368j&partnerID=40&md5=649b2047c06aff651bc002e8f8600661
143	Article	Basri, N.A.F., Mustafa, M.N., Sulaiman, Y.	Facile fabrication of PVA nanofiber coated with PEDOT as a counter electrode for dye-sensitized solar cell	Journal of Materials Science: Materials in Electronics					2019	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064468540&doi=10.1007%2Fs10854-019-01195-2&partnerID=40&md5=524a143308e58a6d76491c0a1ecac9bc
144	Article	Umair, M., Azis, N. , Halis, R., Jasni, J.	Examination on the physical properties of untreated kenaf insulation paper at different beating degrees	Indonesian Journal of Electrical Engineering and Computer Science	17	2	759	766	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073813857&doi=10.11591%2Fijeecs.v17.i2.pp759-766&partnerID=40&md5=0be980840c2bd9cb2d002c5f0c328bbb
145	Article	Roshidi, M.D.A., Fen, Y.W. , Omar, N.A.S., Saleviter, S., Daniyal, W.M.E.M.M.	Optical studies of graphene oxide/poly(amidoamine) dendrimer composite thin film and its potential for sensing Hg ²⁺ using surface plasmon resonance spectroscopy	Sensors and Materials	31	4	1147	1156	2019	9144935	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064613063&doi=10.18494%2FSAM.2019.2142&partnerID=40&md5=5baa95cdf63f8c93459cc1d8ec8ff8c2

146	Article	Yusuf, S.I., Shafie, S. , Majid, H.A., Halin, I.A.	Differential input range driver for SAR ADC measurement setup	Indonesian Journal of Electrical Engineering and Computer Science	17	2	750	758	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073814827&doi=10.11591%2fijeecs.v17.i2.pp750-758&partnerID=40&md5=b84de9c226d3ba58cf8c0a3573e69366
147	Article	Kulandaivalu, S., Hussein, M.Z., Mohamad Jaafar, A., Mohd Abdah, M.A.A., Azman, N.H.N., Sulaiman, Y.	A simple strategy to prepare a layer-by-layer assembled composite of Ni-Co LDHs on polypyrrole/rGO for a high specific capacitance supercapacitor	RSC Advances	9	69	40478	40486	2019	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076716830&doi=10.1039%2f9ra08134h&partnerID=40&md5=166a0dda7dc4ca1102f6cebe1a83fbfa
148	Article	Tan, T.L., Lee, K.M., Lai, C.W., Hong, S.L., Rashid, S.A.	Photocatalytic degradation mechanisms of dimethyl phthalate esters by MWCNTs-anatase TiO ₂ nanocomposites using the UHPLC/Orbitrap/MS technique	Advanced Powder Technology					2019	9218831	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076577229&doi=10.1016%2fj.appt.2019.11.010&partnerID=40&md5=d18fa1531adfbf4c645422371fb7e6f7
149	Article	Ebadi, M., Saifullah, B., Buskaran, K., Hussein, M.Z. , Fakurazi, S.	Synthesis and properties of magnetic nanotheranostics coated with polyethylene glycol/5-fluorouracil/layered double hydroxide	International Journal of Nanomedicine	14		6661	6678	2019	11769114	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073343050&doi=10.2147%2fIJN.S214923&partnerID=40&md5=9b5043ca0dda6f9681b5704ad62fd29f
150	Article	Rusli, J.R., Shafie, S. , Sidek, R.M., Majid, H.A., Wan Hassan, W.Z., Mustafa, M.A.	Optimized low voltage low power dynamic comparator robust to process, voltage and temperature variation	Indonesian Journal of Electrical Engineering and Computer Science	17	2	783	792	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073835540&doi=10.11591%2fijeecs.v17.i2.pp783-792&partnerID=40&md5=ef1103a6aaa1dcfc77dea2609f27138f
151	Article	Sabry, A.H., Hasan, W.Z.W. , Nordin, F.H., Ab-Kadir, M.Z.A.	Stand-alone backup power system for electrical appliances with solar PV and grid options	Indonesian Journal of Electrical Engineering and Computer Science	17	2	689	692	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073830605&doi=10.11591%2fijeecs.v17.i2.pp689-699&partnerID=40&md5=9c51890235cab908471a17322d7538c4
152	Article	Alkafaji, F.S.M., Wan Hasan, W.Z. , Isa, M.M., Sulaiman, N.	A response time reduction for DC motor controller using SISO technique	Indonesian Journal of Electrical Engineering and Computer Science	17	2	895	906	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073812389&doi=10.11591%2fijeecs.v17.i2.pp895-906&partnerID=40&md5=9e4815cf7a4f4e9a23aab11ea4593557
153	Article	Sabli, N. , Abu Bakar, N.A., Izhar, S., Hilal, H.S.	Membrane electrode assembly with high efficiency and stability: Effect of solvent type and membrane composition	Sains Malaysiana	48	4	877	885	2019	1266039	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065811705&doi=10.17576%2fj-sm-2019-4804-20&partnerID=40&md5=fd4429c030ef9be3ec5aa0f7c36cde4
154	Article	Soltani, S., Khanian, N., Rashid, U. , Choong, T.S.Y.	Core-shell ZnO-TiO ₂ hollow spheres synthesized by in-situ hydrothermal method for ester production application	Renewable Energy					2019	9601481	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075886010&doi=10.1016%2fj.renene.2019.11.110&partnerID=40&md5=b59f1690777e945561289719339223f4

155	Article	AlSultan, H.A., Mustafa, M.A. , Shafie, S., Hasan, W.Z.W., Khalifa, A.	Oxygen free graphene/TiO2 nanocomposite synthesis technique for dye-sensitized solar cells photo-anode	Indonesian Journal of Electrical Engineering and Computer Science	17	2	637	645	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507383297&doi=10.11591%2fijeecs.v17.i2.pp637-645&partnerID=40&md5=e13a29c8389146d9a8f753f37a2d6c42
156	Article	AL-Obaidi, M.R., Mustafa, M.A., Hassan, W.Z.W. , Azis, N., Sabry, A.H., Ab-Kadir, M.Z.A.	Improvement in energy conversion for unmanned aerial vehicle charging pad	Indonesian Journal of Electrical Engineering and Computer Science	17	2	767	773	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073820208&doi=10.11591%2fijeecs.v17.i2.pp767-773&partnerID=40&md5=c8cadbefc0052041f578f9ceb181df3e
157	Article	Hameed, H.K., Wan Hasan, W.Z. , Shafie, S., Ahmad, S.A., Jaafar, H.	Amplitude independent versus amplitude dependent muscle activity detection algorithms: A comparative study	Indonesian Journal of Electrical Engineering and Computer Science	17	2	583	593	2019	25024752	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073817426&doi=10.11591%2fijeecs.v17.i2.pp583-593&partnerID=40&md5=ffe93968406baad4480fff80ab776905
158	Article	Othman, S.H. , Majid, N.A., Tawakkal, I.S.M.A., Basha, R.K., Nordin, N., Shapi'i, R.A.	Tapioca starch films reinforced with microcrystalline cellulose for potential food packaging application	Food Science and Technology	39	3	605	612	2019	1678457X	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073552115&doi=10.1590%2ffst.36017&partnerID=40&md5=71311942980d7da8cc61db2cddab5363
159	Article	Zainal, P.N.S., Ahmad, S.A.A. , Ngee, L.H.	Surface modification of screen-printed carbon electrode (SPCE) with calixarene-functionalized electrochemically reduced graphene oxide (ERGO/C4) in the electrochemical detection of anthracene	Journal of the Electrochemical Society	166	2	B110	B116	2019	134651	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073423643&doi=10.1149%2fj.1141902jes&partnerID=40&md5=e510037b1190b903d6bc9d98744b3797
160	Article	Yusof, E.N.M., Nasri, N.M., Ravoof, T.B.S.A. , Jotani, M.M., Tiekink, E.R.T.	Bis[S -benzyl 3-(furan-2-ylmethylidene)dithiocarbazato- κ -N 3, S]copper(II): Crystal structure and Hirshfeld surface analysis	Acta Crystallographica Section E: Crystallographic Communications	75		794	799	2019	20569890	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069844281&doi=10.1107%2f52056989019006145&partnerID=40&md5=25ed57bb2f76ae3c308266745e22c070
161	Article	Dantani Meli, A., Abbas, Z. , Zaid, M.H.M., Ibrahim, N.A.	The effects of SLS on structural and complex permittivity of SLS-HDPE composites	Advances in Polymer Technology	2019		3420925		2019	7306679	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070441343&doi=10.1155%2f2019%2f3420925&partnerID=40&md5=a135c81812bcb055cba6e72515814641
162	Article	Malekbala, M.R., Soltani, S., Rashid, S.A. , Abdullah, L.C., Choong, T.S.Y.	Study the effect of various wash-coated metal oxides over synthesized carbon nanofibers coated monolith substrates	PLoS ONE	14	7	e0219936		2019	19326203	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070072884&doi=10.1371%2fjournal.pone.0219936&partnerID=40&md5=0a0c76d74921979cdc3fbf4c2b4e1ad0
163	Article	Chong, B.M., Azman, N.H.N., Abdah, M.A.A.M., Sulaiman, Y.	Supercapacitive performance of N-doped graphene/Mn κ -O κ -Fe κ -O κ as an electrode material	Applied Sciences (Switzerland)	9	6	1040		2019	20763417	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063752655&doi=10.3390%2fap9061040&partnerID=40&md5=6adac7ac178c5fbb4275ef30d993304d4

164	Article	Al Balawi, A.N., Yusof, N.A. , Kamaruzaman, S., Mohammad, F., Wasoh, H., Al Abbosh, K.F., Al-Lohedan, H.A.	Synthesis, Characterization, and Application of Poly(4,4'-Cyclohexylidene Bisphenol Oxalate) for Solid-Phase Extraction of DNA	BioMed Research International	2019		7064073		2019	23146133	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062375568&doi=10.1155%2F2019%2F7064073&partnerID=40&md5=73ada2068434bf1254443a471df86da1
165	Article	Shapi'i, R.A., Othman, S.H. , Nordin, N., Kadir Basha, R., Nazli Naim, M.	Antimicrobial properties of starch films incorporated with chitosan nanoparticles: In vitro and in vivo evaluation	Carbohydrate Polymers			115602		2019	1448617	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075864966&doi=10.1016%2Fj.carbpol.2019.115602&partnerID=40&md5=1f3d36c5a88536a94e4db6bb68aa59443
166	Article	Soltani, S., Khanian, N., Rashid, U. , Yaw Choong, T.S.	Synthesis and characterization of sulfonated mesoporous NiO-ICG core-shell solid sphere catalyst with superior capability for methyl ester production	RSC Advances	9	54	31306	31315	2019	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073207753&doi=10.1039%2F9ra05808g&partnerID=40&md5=bb9bf618862d55afb5676e31a05381ce
167	Article	Othman, S.H. , Ling, H.N., Talib, R.A., Naim, M.N., Risyon, N.P., Saifullah, M.	PLA/MMT and PLA/halloysite bio-nanocomposite films: Mechanical, barrier, and transparency	Journal of Nano Research	59		77	93	2019	16625250	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071920198&doi=10.4028%2Fwww.scientific.net%2FJNanoR.59.77&partnerID=40&md5=8c4948a6b488f81c47e3f5e75529da10
168	Article	Al balawi, A.N., Yusof, N.A. , Kamaruzaman, S., Mohammad, F., Wasoh, H., Al-Lohedan, H.A.	High-efficiency DNA extraction using poly(4,4'-cyclohexylidene bisphenol oxalate)-modified microcrystalline cellulose-magnetite composite	International Journal of Polymer Science	2019		5738613		2019	16879422	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071233819&doi=10.1155%2F2019%2F5738613&partnerID=40&md5=28380b45c7de4213337ca7446998d68e
169	Article	Othman, S.H. , Kechik, N.R.A., Shapi'i, R.A., Talib, R.A., Tawakkal, I.S.M.A.	Water sorption and mechanical properties of starch/chitosan nanoparticle films	Journal of Nanomaterials	2019		3843949		2019	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065878115&doi=10.1155%2F2019%2F3843949&partnerID=40&md5=f799576d7afc526289a257c7683f6478
170	Article	Shapi'i, R.A., Othman, S.H. , Naim, M.N., Basha, R.K.	Mechanical properties of tapioca starch-based film incorporated with bulk chitosan and chitosan nanoparticle: A comparative study	Pertanika Journal of Science and Technology	27	51	95	107	2019	1287680	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073420616&partnerID=40&md5=bbc75888e08273a898b8c71d08f288ad
171	Article	Salihu, S., Yusof, N.A. , Mohammad, F., Abdullah, J., Al-Lohedan, H.A.	Nickel Nanoparticle-Modified Electrode for the Electrochemical Sensory Detection of Penicillin G in Bovine Milk Samples	Journal of Nanomaterials	2019		1784154		2019	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076925618&doi=10.1155%2F2019%2F1784154&partnerID=40&md5=49b1b14e17afb240b2adf8f4edc55126
172	Article	Al-Zahrani, A.A., Zainal, Z. , Talib, Z.A., Lim, H.N., Mohd Fudzi, L., Holi, A.M., Sarif-Mohd Ali, M.	Synthesis of Binary Bi²⁺/ZnO Nanorod Array Heterostructure and Their Photoelectrochemical Performance	Journal of Nanomaterials	2019		5212938		2019	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074541690&doi=10.1155%2F2019%2F5212938&partnerID=40&md5=4e5ca36b0e4bdaef89889f4c455b9d
173	Article	Isha, A., Akanbi, F.S., Yusof, N.A. , Osman, R., Mui-Yun, W., Abdullah, S.N.A.	An NMR metabolomics approach and detection of ganoderma boninense-infected oil palm leaves using MWCNT-based electrochemical sensor	Journal of Nanomaterials	2019		4729706		2019	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073891624&doi=10.1155%2F2019%2F4729706&partnerID=40&md5=4f4433be25bc527f0a39b7b9439a9d61

174	Article	Al balawi, A.N., Yusof, N.A. , Kamaruzaman, S., Mohammad, F., Wasoh, H., Al-Lohedan, H.A.	DNA adsorption studies of poly(4,4'-cyclohexylidene bisphenol oxalate)/silica nanocomposites	Materials	12	7	1178			2019	19961944	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065673494&doi=10.3390%2fma12071178&partnerID=40&md5=294d702c849cf0f24287af6368d0e6ef
175	Article	Muda, Z., Hashim, N., Md Isa, I., Mustafar, S., Bakar, S.A., Mamat, M., Hussein, M.Z.	Adsorbilisation of thiacloprid pesticide into the layered zinc hydroxide salt intercalated with dodecyl sulphate, for controlled release formulation	Materials Research Innovations						2019	14328917	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070985232&doi=10.1080%2f14328917.2019.1655620&partnerID=40&md5=af5e9af7b892631b0a7fbfd370f97f29
176	Article	Mohamad, N.A., Azis, N. , Jasni, J., Kadir, M.Z.A.A., Yunus, R., Yaakub, Z.	Impact of Fe ³⁺ and Al ³⁺ on the AC breakdown voltage of palm oil and coconut oil in the presence of CTAB	Energies	12	9	1605			2019	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065980402&doi=10.3390%2fen12091605&partnerID=40&md5=221231b2bfe35536eb38b4d21e098934
177	Article	Rani, E., Mohshim, S.A., Ahmad, M.Z., Goodacre, R., Ahmad, S.A.A. , Wong, L.S.	Polymer pen lithography-fabricated DNA arrays for highly sensitive and selective detection of unamplified Ganoderma boninense DNA	Polymers	11	3	561			2019	20734360	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063433611&doi=10.3390%2fpoly11030561&partnerID=40&md5=d84622adc0650cd397865674daeff9d
178	Article	Sharif, S.N.M., Hashim, N., Isa, I.M., Bakar, S.A., Saidin, M.I., Ahmad, M.S., Mamat, M., Hussein, M.Z.	Surfactant-assisted imidacloprid intercalation of layered zinc hydroxide nitrate: synthesis, characterisation and controlled release formulation	Journal of Porous Materials						2019	13802224	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075370035&doi=10.1007%2fs10934-019-00830-x&partnerID=40&md5=cd9522eeb548dbe13aec1f3859b5d106
179	Article	Ahmad, N.S., Abdullah, N., Yasin, F.M.	Antifungal activity of titanium dioxide nanoparticles against Candida albicans	BioResources	14	4	8866	8878		2019	19302126	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075244356&doi=10.15376%2fbiores.14.4.8866-8878&partnerID=40&md5=9a0f767a18c056200c2f90928ac26a8c
180	Article	Ali, G., Nisar, J., Iqbal, M., Shah, A., Abbas, M., Shah, M.R., Rashid, U. , Bhatti, I.A., Khan, R.A., Shah, F.	Thermo-catalytic decomposition of polystyrene waste: Comparative analysis using different kinetic models	Waste Management and Research						2019	0734242X	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071459552&doi=10.1177%2f0734242X19865339&partnerID=40&md5=2585db66746a1e697608f7d570a37312
181	Article	Silas, K., Wan Abdul Karim Ghani, W.A., Choong, T.S.Y., Rashid, U. , Soltani, S.	Regeneration/Optimization of Activated Carbon Monolith in Simultaneous SO ₂ /NO _x Removal from Flue Gas	Chemical Engineering and Technology	42	9	1928	1940		2019	9307516	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066136415&doi=10.1002%2fc eat.201800418&partnerID=40&md5=bfdde71491ca1468749215302d31ac4c
182	Article	Praveena, S.M., Rashid, U. , Rashid, S.A.	Application of activated carbon from banana stem waste for removal of heavy metal ions in greywater using a Box-Behnken design approach	Environmental Technology (United Kingdom)						2019	9593330	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065162557&doi=10.1080%2f09593330.2019.1609590&partnerID=40&md5=9e2a76858af4379880389cfc4d30a7f5
183	Article	Sharif, S.N.M., Hashim, N., Isa, I.M., Bakar, S.A., Saidin, M.I., Ahmad, M.S., Mamat, M., Hussein, M.Z.	Controlled release formulation of zinc hydroxide nitrate intercalated with sodium dodecylsulphate and bispyribac anions: A novel herbicide nanocomposite for paddy cultivation	Arabian Journal of Chemistry						2019	18785352	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074509242&doi=10.1016%2fj.arabj.2019.09.006&partnerID=40&md5=0d3b7112ca0bdc0a3bc91613f1bcde

184	Article	Abdulhameed, A., Abdul Halin, I., Mohtar, M.N. , Hamidon, M.N.	The role of medium on the assembly of carbon nanotube by dielectrophoresis	Journal of Dispersion Science and Technology					2019	1932691	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068641369&doi=10.1080%2F01932691.2019.1631841&partnerID=40&md5=346aa5f46cd4c55767760aa0611bf146
185	Article	Ravit, R., Abdullah, J., Ahmad, I., Sulaiman, Y.	Electrochemical performance of poly(3, 4-ethylenedioxythiophene)/nanocrystalline cellulose (PEDOT/NCC) film for supercapacitor	Carbohydrate Polymers	203		128	138	2019	1448617	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053835908&doi=10.1016%2Fj.carbpol.2018.09.043&partnerID=40&md5=18caa542b9a87df9fe34938e0c398172
186	Review	Baby, R., Saifullah, B., Hussein, M.Z.	Carbon Nanomaterials for the Treatment of Heavy Metal-Contaminated Water and Environmental Remediation	Nanoscale Research Letters	14	1	341		2019	19317573	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075110878&doi=10.1186%2F11671-019-3167-8&partnerID=40&md5=b895bb2ee5966fb22c84d2fc67d975ec
187	Article	Kamarodinn, M.F.A., Sabli, N. , Nia, P.M., Abdullah, T.A.T., Abdullah, L.C., Izhar, S., Ripin, A., Ahmad, A.	Phosphoric acid doped composite proton exchange membrane for hydrogen production in medium-temperature copper chloride electrolysis	International Journal of Hydrogen Energy					2019	3603199	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075398332&doi=10.1016%2Fijhydene.2019.10.030&partnerID=40&md5=787efcf379c1bcb4001a2aa8c120b2fc
188	Article	Edris, N.M.M.A., Abdullah, J., Kamaruzaman, S., Sulaiman, Y.	Ultrasensitive reduced graphene oxide-poly(procion)/gold nanoparticles modified glassy carbon electrode for selective and simultaneous determination of ascorbic acid, dopamine, and uric acid	Journal of the Electrochemical Society	166	8	B664	B672	2019	134651	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073260952&doi=10.1149%2F2.0931908jes&partnerID=40&md5=feaba2455b1d2ac499bc2ff1aee2eb45
189	Article	Nisar, J., Ali, F., Malana, M.A., Ali, G., Iqbal, M., Shah, A., Bhatti, I.A., Khan, T.A., Rashid, U.	Kinetics of the pyrolysis of cobalt-impregnated sesame stalk biomass	Biomass Conversion and Biorefinery					2019	21906815	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069685167&doi=10.1007%2F13399-019-00477-3&partnerID=40&md5=199f58eca469ab525e9196d01d373f5a
190	Article	Hashim, N., Misuan, N.S., Isa, I.M., Bakar, S.A., Mustafar, S., Mamat, M., Hussein, M.Z. , Sharif, S.N.M.	Carboxymethylcellulose-coated magnesium-layered hydroxide nanocomposite for controlled release of 3-(4-methoxyphenyl)propionic acid	Arabian Journal of Chemistry					2019	18785352	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065086986&doi=10.1016%2Fj.arabjc.2019.04.004&partnerID=40&md5=f5096cfbaa554cbca3b736fec585777b
191	Article	Usman, F., Dennis, J.O., Seong, K.C., Ahmed, A.Y., Ferrell, T.L., Fen, Y.W. , Sadrolhosseini, A.R., Ayodele, O.B., Meriaudeau, F., Saidu, A.	Enhanced Sensitivity of Surface Plasmon Resonance Biosensor Functionalized with Doped Polyaniline Composites for the Detection of Low-Concentration Acetone Vapour	Journal of Sensors	2019		5786105		2019	1687725X	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076338880&doi=10.1155%2F2019%2F5786105&partnerID=40&md5=36c723f0db1d7735a43d7c1bc42185e4
192	Article	Lee, C.L., H'ng, P.S., Chin, K.L., Paridah, M.T., Rashid, U. , Go, W.Z.	Characterization of bioadsorbent produced using incorporated treatment of chemical and carbonization procedures	Royal Society Open Science	6	9	190667		2019	20545703	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073211307&doi=10.1098%2Frsos.190667&partnerID=40&md5=fc73e9ca3dcbd874e12e164eb9e55a55
193	Article	Kulandaivalu, T., Abdul Rashid, S. , Sabli, N., Tan, T.L.	Visible light assisted photocatalytic reduction of CO² to ethane using CQDs/Cu²/in^O nanocomposite photocatalyst	Diamond and Related Materials	91		64	73	2019	9259635	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056469935&doi=10.1016%2Fj.diamond.2018.11.002&partnerID=40&md5=aaec5f628088052fdeef834ac91e0ec7

194	Article	Kulandaivalu, S., Sulaiman, Y.	Recent advances in layer-by-layer assembled conducting polymer based composites for supercapacitors	Energies	12	11	2107		2019	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067240210&doi=10.3390%2fn12112107&partnerID=40&md5=a34712f70cb28db0c853e3201aa3d787
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