

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. Public

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

NO.	DOCUMENT TYPE	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE STAR	PAGE END	YEAR	ISSN OR ISBN	Q2 ONLY (Blank if no)	LINK
1	Article	Holi A.M., Zainal Z., Ayal A.K., Chang S.-K., Lim H.N., Talib Z.A., Yap C.-C.	Effect of heat treatment on photoelectrochemical performance of hydrothermally synthesised Ag ₂ S/ZnO nanorods arrays	Chemical Physics Letters	710		100	107	2018	92614	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052905074&doi=10.1016%2fj.cplett.2018.08.069&partnerID=40&md5=c73872bd6d6441dca23e25d5e749552f
2	Article	A. Rahman N.S., Yunus R., Ishak C.F., Hanif Khan S.	Laboratory Evaluation on Ammonia Volatilization from Coated Urea Fertilizers	Communications in Soil Science and Plant Analysis	49	6	717	724	2018	103624	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041507797&doi=10.1080%2f00103624.2018.1435677&partnerID=40&md5=1c72b5394218d1254f363e1fc7bc5918
3	Article	Hamra A.A.B., Lim H.N., Hafiz S.M., Kamaruzaman S., Rashid S.A., Yunus R., Altarawneh M., Jiang Z.T., Huang N.M.	Performance stability of solid-state polypyrrole-reduced graphene oxide-modified carbon bundle fiber for supercapacitor application	Electrochimica Acta	285		9	15	2018	134686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050881496&doi=10.1016%2fj.electacta.2018.07.212&partnerID=40&md5=4cec6ab9e8c60c3d2717cf621b3aeec2
4	Article	Syed Zainol Abidin S.N.J., Mamat M.S., Rasyid S.A., Zainal Z., Sulaiman Y.	Electropolymerization of poly(3,4-ethylenedioxythiophene) onto polyvinyl alcohol-graphene quantum dot-cobalt oxide nanofiber composite for high-performance supercapacitor	Electrochimica Acta	261		548	556	2018	134686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039959805&doi=10.1016%2fj.electacta.2017.12.168&partnerID=40&md5=0c865f17c248de443a8b5c2da77e86f1
5	Article	Mohd Abdah M.A.A., Abdul Rahman N., Sulaiman Y.	Enhancement of electrochemical performance based on symmetrical poly-(3,4-ethylenedioxythiophene) coated polyvinyl alcohol/graphene oxide/manganese oxide microfiber for supercapacitor	Electrochimica Acta	259		466	473	2018	134686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032962701&doi=10.1016%2fj.electacta.2017.11.005&partnerID=40&md5=de4f0a0261d07cc8d1377484b35b1c41

6	Article	Kefas H.M., Yunus R., Rashid U., Taufiq-Yap Y.H.	Modified sulfonation method for converting carbonized glucose into solid acid catalyst for the esterification of palm fatty acid distillate	Fuel	229		68	78	2018	162361	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046642258&doi=10.1016%2fj.fuel.2018.05.014&partnerID=40&md5=0ae229a63ed2c2df656c9973003649b7
7	Article	Mansir N., Teo S.H., Rashid U., Taufiq-Yap Y.H.	Efficient waste Gallus domesticus shell derived calcium-based catalyst for biodiesel production	Fuel	211		67	75	2018	162361	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029503536&doi=10.1016%2fj.fuel.2017.09.014&partnerID=40&md5=9bb9cff6fa373f45ac8eb9bd4ec0ff39
8	Article	Mustafa I.F., Hussein M.Z., Saifullah B., Idris A.S., Hilmi N.H.Z., Fakurazi S.	Synthesis of (Hexaconazole-Zinc/Aluminum-Layered Double Hydroxide Nanocomposite) Fungicide Nanodelivery System for Controlling Ganoderma Disease in Oil Palm	Journal of Agricultural and Food Chemistry	66	4	806	813	2018	218561	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041433961&doi=10.1021%2facs.jafc.7b04222&partnerID=40&md5=82690d77b9dca04e7430e427fc0b848b
9	Article	Nehdi I.A., Sbihi H.M., Tan C.P., Rashid U., Al-Resayes S.I.	Chemical Composition of Date Palm (Phoenix dactylifera L.) Seed Oil from Six Saudi Arabian Cultivars	Journal of Food Science	83	3	624	630	2018	221147	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041019251&doi=10.1111%2f1750-3841.14033&partnerID=40&md5=715b57ac48dcfb660006c38bd53f3050
10	Article	Azmi N.E., Rashid A.H.A., Abdullah J., Yusof N.A., Sidek H.	Fluorescence biosensor based on encapsulated quantum dots/enzymes/sol-gel for non-invasive detection of uric acid	Journal of Luminescence	202		309	315	2018	222313	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048175266&doi=10.1016%2fj.jlumin.2018.05.075&partnerID=40&md5=b54daa1c28360f7a4706c10e082add63
11	Article	Mohd Hir Z.A., Abdullah A.H., Zainal Z., Lim H.N.	Visible light-active hybrid film photocatalyst of polyethersulfone-reduced TiO ₂ : photocatalytic response and radical trapping investigation	Journal of Materials Science	53	18	13264	13279	2018	222461	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048484586&doi=10.1007%2fs10853-018-2570-3&partnerID=40&md5=ec88a45d510df65067bd8ac0c4c189b

12	Article	Salih E.Y., Sabri M.F.M., Hussein M.Z., Sulaiman K., Said S.M., Saifullah B., Bashir M.B.A.	Structural, optical and electrical properties of ZnO/ZnAl ₂ O ₄ nanocomposites prepared via thermal reduction approach	Journal of Materials Science	53	1	581	590	2018	222461	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028601403&doi=10.1007%2fs10853-017-1504-9&partnerID=40&md5=56a7b994c9e5c4bdc088e338aa20a4db
13	Article	Ayal A.K., Zainal Z., Lim H.N., Talib Z.A., Lim Y.-C., Chang S.-K., Holi A.M.	Fabrication of CdSe nanoparticles sensitized TiO ₂ nanotube arrays via pulse electrodeposition for photoelectrochemical application	Materials Research Bulletin	106		257	262	2018	255408	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048447659&doi=10.1016%2fj.materresbull.2018.05.040&partnerID=40&md5=3435a0e8fc19def2b8f91f27c435a3bb
14	Article	Daniyal W.M.E.M.M., Fen Y.W., Abdullah J., Saleviter S., Sheh Omar N.A.	Preparation and characterization of hexadecyltrimethylammonium bromide modified nanocrystalline cellulose/graphene oxide composite thin film and its potential in sensing copper ion using surface plasmon resonance technique	Optik	173		71	77	2018	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051380555&doi=10.1016%2fj.ijleo.2018.08.014&partnerID=40&md5=2fe0e81ea0c10ca5c613a0fde633336b
15	Article	Omar N.A.S., Fen Y.W., Abdullah J., Zaid M.H.M., Mahdi M.A.	Structural, optical and sensing properties of CdS-NH ₂ GO thin film as a dengue virus E-protein sensing material	Optik	171		934	940	2018	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049426657&doi=10.1016%2fj.ijleo.2018.07.001&partnerID=40&md5=1f525a9f570af94a4e9355bc4d133444
16	Article	Zainuddin N.H., Fen Y.W., Alwahib A.A., Yaacob M.H., Bidin N., Omar N.A.S., Mahdi M.A.	Detection of adulterated honey by surface plasmon resonance optical sensor	Optik	168		134	139	2018	304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045749558&doi=10.1016%2fj.ijleo.2018.04.048&partnerID=40&md5=7ff1071ca94984f6ef07ef0b10efd69
17	Article in Press	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			1	15	2018	986445	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047814394&doi=10.1080%2f00986445.2018.1471399&partnerID=40&md5=91bd99447a5309f8b5267bc10c31dbee
18	Article in Press	Abdulbari H.A., Salleh M.A.M., Rashed M.K., Ismail M.H.S.	Passive, active, and interactive drag-reduction technique to reduce friction and enhance the mixing intensity in rotating disk apparatus	Chemical Engineering Communications			1	18	2018	986445	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047823165&doi=10.1080%2f00986445.2018.1462167&partnerID=40&md5=c55412a68ac999a4cd37b61de2213ac9

19	Article	Abd Hamid H., Yunus R., Rashid U., Choong T.S.Y., Ali S., Syam A.M.	Synthesis study of high oleic palm oil-based trimethylolpropane triesters: Response surface methodology based optimization	Chiang Mai Journal of Science	45	2	984	996	2018	1252526	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045692592&partnerID=40&md5=254813ad1a2171fa986555ea7cd72ec3
20	Article	Razak M.R., Yusof N.A., Haron M.J., Ibrahim N., Mohammad F., Kamaruzaman S., Al-Lohedan H.A.	Iminodiacetic acid modified kenaf fiber for waste water treatment	International Journal of Biological Macromolecules	112		754	760	2018	1418130	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041893763&doi=10.1016%2fj.ijbiomac.2018.02.035&partnerID=40&md5=e edecf998812ba9b2647c8764e2388bc
21	Article in Press	Silas K., Ghani W.A.W.A.K., Choong T.S.Y., Rashid U.	Carbonaceous materials modified catalysts for simultaneous SO ₂ /NO _x removal from flue gas: A review	Catalysis Reviews - Science and Engineering			1	28	2018	1614940	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048824791&doi=10.1080%2f01614940.2018.1482641&partnerID=40&md5=4297d6a362c50cf50a5b621feb7cc5c
22	Article	Tareq S., Yap Y.H.T., Saleh T.A., Abdullah A.H., Rashid U., Saiman M.I.	Synthesis of bimetallic gold-palladium loaded on carbon as efficient catalysts for the oxidation of benzyl alcohol into benzaldehyde	Journal of Molecular Liquids	271		885	891	2018	1677322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053522175&doi=10.1016%2fj.molliq.2018.09.037&partnerID=40&md5=bfed4fe6e38a5ea71f1d3dd62279d41c
23	Article	Kania D., Yunus R., Omar R., Abdul Rashid S., Mohamed Jan B., Arsanjani N.	Nonionic polyol esters as thinner and lubricity enhancer for synthetic-based drilling fluids	Journal of Molecular Liquids	266		846	855	2018	1677322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049557414&doi=10.1016%2fj.molliq.2018.07.014&partnerID=40&md5=95ae5a8f4057c393ddd4f1397229ec14
24	Review	Jamil F., Al-Haj L., Al-Muhtaseb A.H., Al-Hinai M.A., Baawain M., Rashid U., Ahmad M.N.M.	Current scenario of catalysts for biodiesel production: A critical review	Reviews in Chemical Engineering	34	2	267	297	2018	1678299	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037601108&doi=10.1515%2frevce-2016-0026&partnerID=40&md5=befe28f8055150b17418de45848567da
25	Article	Kalantari K., Moradihamedani P., Ibrahim N.A., Abdullah A.H.B., Afifi A.B.M.	Polysulfone mixed-matrix membrane incorporating talc clay particles for gas separation	Polymer Bulletin	75	8	3723	3738	2018	1700839	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034273717&doi=10.1007%2fs00289-017-2234-5&partnerID=40&md5=25b200e70925efc3318f24a8e2c0437c

26	Article in Press	Moradihamedani P., Abdullah A.H.	Ammonia removal from aquaculture wastewater by high flux and high rejection polysulfone/cellulose acetate blend membrane	Polymer Bulletin					2018	1700839	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052795000&doi=10.1007%2fs00289-018-2507-7&partnerID=40&md5=3d7613b12f5f6f4a585e8ab81d2fa791
27	Article	Ahmad J., Rashid U., Patuzzi F., Baratieri M., Taufiq-Yap Y.H.	Synthesis of char-based acidic catalyst for methanolysis of waste cooking oil: An insight into a possible valorization pathway for the solid by-product of gasification	Energy Conversion and Management	158		186	192	2018	1968904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039149373&doi=10.1016%2fj.enconman.2017.12.059&partnerID=40&md5=0429035a57492bf0538c5f46bf9bcbef
28	Article	Mohd Abdah M.A.A., Mohd Razali N.S., Lim P.T., Kulandaivalu S., Sulaiman Y.	One-step potentiostatic electrodeposition of polypyrrole/graphene oxide/multi-walled carbon nanotubes ternary nanocomposite for supercapacitor	Materials Chemistry and Physics	219		120	128	2018	2540584	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053046188&doi=10.1016%2fj.matchemphys.2018.08.018&partnerID=40&md5=6ffb6158ad0df591679523b05a394ae0
29	Article	Ramli N.I.T., Rashid S.A., Mamat M.S., Sulaiman Y., Krishnan S.	Incorporation of iron oxide into CNT/GNF as a high-performance supercapacitor electrode	Materials Chemistry and Physics	212		318	324	2018	2540584	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046032777&doi=10.1016%2fj.matchemphys.2018.03.044&partnerID=40&md5=b6a15f72d21f108aa1b9c5fd26ca7bde
30	Review	Omar N.A.S., Fen Y.W.	Recent development of SPR spectroscopy as potential method for diagnosis of dengue virus E-protein	Sensor Review	38	1	106	116	2018	2602288	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035203098&doi=10.1108%2fSR-07-2017-0130&partnerID=40&md5=f566e47dfc5ba3198f644fd9e64804a6
31	Article	Hussein-Al-Ali S.H., Kura A., Hussein M.Z., Fakurazi S.	Preparation of chitosan nanoparticles as a drug delivery system for perindopril erbumine	Polymer Composites	39	2	544	552	2018	2728397	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959440303&doi=10.1002%2fpc.23967&partnerID=40&md5=5743cf3ff12800d540f8ae0e197dd1a0

32	Article	Moradihamedani P., Abdullah A.H.	Preparation and characterization of polysulfone/zeolite mixed matrix membranes for removal of lowconcentration ammonia from aquaculture wastewater	Water Science and Technology	77	2	346	354	2018	2731223	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041859869&doi=10.2166%2fwst.2017.545&partnerID=40&md5=92c5270a7b774f63aa8e2560062dea42
33	Article	Mohd Abdah M.A.A., Mohammed Modawe Aldris Edris N., Kulandaivalu S., Abdul Rahman N., Sulaiman Y.	Supercapacitor with superior electrochemical properties derived from symmetrical manganese oxide-carbon fiber coated with polypyrrole	International Journal of Hydrogen Energy	43	36	17328	17337	2018	3603199	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051280869&doi=10.1016%2fj.ijhydene.2018.07.093&partnerID=40&md5=cb6bf5cad6616ef455bd6e9e0b6d4158
34	Article	Silas K., Ghani W.A.W.A.K., Choong T.S.Y., Rashid U.	Breakthrough studies of Co3O4 supported activated carbon monolith for simultaneous SO2/NOx removal from flue gas	Fuel Processing Technology	180		155	165	2018	3783820	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052963222&doi=10.1016%2fj.fuproc.2018.08.018&partnerID=40&md5=03324efa1814bbf95ba5d683bd710c0
35	Article	Kulandaivalu S., Abdul Shukur R., Sulaiman Y.	Improved electrochemical performance of electrochemically designed layered poly(3,4-ethylenedioxythiophene)/graphene oxide with poly(3,4-ethylenedioxythiophene)/nanocrystalline cellulose nanocomposite	Synthetic Metals	245		24	31	2018	3796779	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051366118&doi=10.1016%2fj.synthmet.2018.08.002&partnerID=40&md5=00160a0178fd6a1c3b971efe16bd1528
36	Article	Ng C.H., Lim H.N., Hayase S., Zainal Z., Shafie S., Huang N.M.	Effects of Temperature on Electrochemical Properties of Bismuth Oxide/Manganese Oxide Pseudocapacitor	Industrial and Engineering Chemistry Research	57	6	2146	2154	2018	8885885	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042092358&doi=10.1021%2fac.1cr.7b04980&partnerID=40&md5=3705d48d8716e6a8aa57e6d5780f3659
37	Article	Naseri M., Sadrolhosseini A.R., Fen Y.W., Mahdi M.A.	Measurement of low magnesium concentration in aqueous solution	Sensors and Materials	30	5	1019	1026	2018	9144935	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047108947&doi=10.18494%2fSAM.2018.1837&partnerID=40&md5=f393ff9ae89273b6ba356fc3022398d8
38	Article	Mohd Daniyal W.M.E.M., Saleviter S., Fen Y.W.	Development of surface plasmon resonance spectroscopy for Metal Ion detection	Sensors and Materials	30	9	2023	2038	2018	9144935	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8505330394&doi=10.18494%2fSAM.2018.1952&partnerID=40&md5=b9a7a30b5cc43b717b3ba56e1a9ba7e2

39	Article	Raof N.A., Yunus R., Rashid U., Azis N., Yaakub Z.	Palm-based neopentyl glycol diester: A potential green insulating oil	Protein and Peptide Letters	25	2	171	179	2018	9298665	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047018096&doi=10.2174%2f0929866525666180122095056&partnerID=40&md5=fb880b3d8bd73a59659a451d4e238cdf
40	Article	Mukhtar H., Suliman S.M., Shabbir A., Mumtaz M.W., Rashid U., Rahimuddin S.A.	Evaluating the potential of oleaginous yeasts as feedstock for biodiesel production	Protein and Peptide Letters	25	2	192	201	2018	9298665	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047013077&doi=10.2174%2f0929866525666180122112805&partnerID=40&md5=f61a2219ed9b759cc22332ef6d17dbf
41	Article	Nehdi I.A., Sbihi H.M., Bliidi L.E., Rashid U., Tan C.P., Al-Resayes S.I.	Biodiesel production from Citrillus colocythis oil using enzymatic based catalytic reaction and characterization studies	Protein and Peptide Letters	25	2	164	170	2018	9298665	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047017030&doi=10.2174%2f0929866524666170223150839&partnerID=40&md5=04ae194d0eef4917ba040f7870d8645e
42	Article	Shabut A.M., Hoque Tania M., Lwin K.T., Evans B.A., Yusof N.A., Abu-Hassan K.J., Hossain M.A.	An intelligent mobile-enabled expert system for tuberculosis disease diagnosis in real time	Expert Systems with Applications	114		65	77	2018	9574174	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050397149&doi=10.1016%2fj.eswa.2018.07.014&partnerID=40&md5=a9eb4c3428bc0d61ebd4e413d7917dba
43	Article	Hapishah A.N., Syazwan M.M., Hamidon M.N.	Synthesis and characterization of magnetic and microwave absorbing properties in polycrystalline cobalt zinc ferrite (Co _{0.5} Zn _{0.5} Fe ₂ O ₄) composite	Journal of Materials Science: Materials in Electronics	29	24	20573	20579	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055112878&doi=10.1007%2fs10854-018-0192-9&partnerID=40&md5=91c7725d9bbf4a32e72a0d5168626b8d
44	Article	Azman A.Z.K., Matori K.A., Ab Aziz S.H., Zaid M.H.M., Wahab S.A.A., Khaidir R.E.M.	Comprehensive study on structural and optical properties of Tm ₂ O ₃ doped zinc silicate based glass-ceramics	Journal of Materials Science: Materials in Electronics	29	23	19861	19866	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054321003&doi=10.1007%2fs10854-018-0115-9&partnerID=40&md5=348b9b18ac302bfa95fb5402014d1f0c

45	Article	Hapipi N.M., Chen S.K., Shaari A.H., Kechik M.M.A., Tan K.B., Lim K.P.	Superconductivity of Y2O3 and BaZrO3 nanoparticles co-added YBa2Cu3O7- δ bulks prepared using co-precipitation method	Journal of Materials Science: Materials in Electronics	29	21	18684	18692	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052910554&doi=10.1007%2fs10854-018-9991-2&partnerID=40&md5=5c2689dd033a2f0ab8ea2dff67fca7e6
46	Article	Chua C.W., Zainal Z., Lim H.N., Chang S.-K.	Effect of electrolytes on the electrochemical performance of nickel cobaltite-titania nanotubes composites as supercapacitive materials	Journal of Materials Science: Materials in Electronics	29	17	14445	14454	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049573341&doi=10.1007%2fs10854-018-9577-z&partnerID=40&md5=87eed0daacf70b909e887ff257869e3b
47	Article	Rusly S.N.A., Matori K.A., Ismail I., Abbas Z., Awang Z., Idris F.M., Ibrahim I.R.	Effects of crystalline phase formation of multiferroic BiFeO3 on microwave absorption characteristics	Journal of Materials Science: Materials in Electronics	29	15	13229	13240	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048376133&doi=10.1007%2fs10854-018-9447-8&partnerID=40&md5=6e89c8660fa024446b3e31d626f65a17
48	Article	Rusly S.N.A., Matori K.A., Ismail I., Abbas Z., Awang Z., Zulkimi M.M.M., Idris F.M., Zaid M.H.M., Zulfikri N.D.	Microwave absorption properties of single- and double-layer coatings based on strontium hexaferrite and graphite nanocomposite	Journal of Materials Science: Materials in Electronics	29	16	14031	14045	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049012744&doi=10.1007%2fs10854-018-9535-9&partnerID=40&md5=66009e8477f52f1168e51af68d135dba
49	Article	Nazlan R., Ismail I., Azis R.S., Abbas Z., Ibrahim I.R., Idris F.M., Shafiee F.N., Aripin A.S., Busra N.A.N.	Dependence of magnetic and microwave loss on evolving microstructure in yttrium iron garnet	Journal of Materials Science: Materials in Electronics	29	10	8688	8700	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043721865&doi=10.1007%2fs10854-018-8884-8&partnerID=40&md5=ec13fb514d7b78ff3a6315ec173a806f
50	Article	Azis R.S., Syazwan M.M., Shahrani N.M.M., Hapishah A.N., Nazlan R., Idris F.M., Ismail I., Zulkimi M.M.M., Ibrahim I.R., Abbas Z., Saiden N.M.	Influence of sintering temperature on the structural, electrical and microwave properties of yttrium iron garnet (YIG)	Journal of Materials Science: Materials in Electronics	29	10	8390	8401	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042938857&doi=10.1007%2fs10854-018-8850-5&partnerID=40&md5=73b07be53a39e875b35d54a600fce27

51	Article	Azman N.H.N., Mamat M.S., Lim H.N., Sulaiman Y.	High-performance symmetrical supercapacitor based on poly(3,4)-ethylenedioxythiophene/graphene oxide/iron oxide ternary composite	Journal of Materials Science: Materials in Electronics	29	8	6916	6923	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044050479&doi=10.1007%2fs10854-018-8678-z&partnerID=40&md5=67dee67a517e43bb81c7df4d4af966a5
52	Article in Press	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					2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055896306&doi=10.1007%2fs10854-018-0306-4&partnerID=40&md5=75ea09c930e70d7fde38e028fe394fdf
53	Article	Baqer A.A., Matori K.A., Al-Hada N.M., Kamari H.M., Shaari A.H., Saion E., Chyi J.L.Y.	Copper oxide nanoparticles synthesized by a heat treatment approach with structural, morphological and optical characteristics	Journal of Materials Science: Materials in Electronics	29	2	1025	1033	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031094863&doi=10.1007%2fs10854-017-8002-3&partnerID=40&md5=2f87d2c81372cbca197f5a6b085a79d2
54	Article	Olewi H.F., Zakaria A., Yap C.C., Tan S.T., Lee H.B., Tan C.H., Ginting R.T., Alshabaleh A., Talib Z.A.	Surface modification of ZnO nanorods with CdS quantum dots for application in inverted organic solar cells: effect of deposition duration	Journal of Materials Science: Materials in Electronics	29	4	2601	2609	2018	9574522	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038634531&doi=10.1007%2fs10854-017-8185-7&partnerID=40&md5=63b3bf1c2330eec89015a49d018b5d01
55	Article	Rehan M., Gardy J., Demirbas A., Rashid U., Budzianowski W.M., Pant D., Nizami A.S.	Waste to biodiesel: A preliminary assessment for Saudi Arabia	Bioresource Technology	250		17	25	2018	9608524	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034113101&doi=10.1016%2fj.biortech.2017.11.024&partnerID=40&md5=2b06232a07c0ca8fcb77ccb14cadd9e2
56	Article	Thien Y.V., Azis N., Jasni J., Kadir M.Z.A.A., Yunus R., Jamil M.K.M., Yaakub Z.	Pre-breakdown streamer propagation and breakdown characteristics of refined bleached and deodorized palm oil under lightning impulse voltage	IEEE Transactions on Dielectrics and Electrical Insulation	25	5	1614	1620	2018	10709878	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054816361&doi=10.1109%2fTDEI.2018.006894&partnerID=40&md5=300516799e6048bd90162752bf2deeea

57	Article	Megat Nabil Mohsin S., Hussein M.Z., Sarijo S.H., Fakurazi S., Arulseivan P., Taufiq-Yap Y.H.	Nanolayered composite with enhanced ultraviolet ray absorption properties from simultaneous intercalation of sunscreen molecules	International journal of nanomedicine	13		6359	6374	2018	11782013	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8505151165&doi=10.2147%2fijn.S171390&partnerID=40&md5=4af7605d2a1c8e2c07c9d74885f28f06
58	Article	Hassan U.A., Hussein M.Z., Alitheen N.B., Yahya Ariff S.A., Masarudin M.J.	In vitro cellular localization and efficient accumulation of fluorescently tagged biomaterials from monodispersed chitosan nanoparticles for elucidation of controlled release pathways for drug delivery systems	International journal of nanomedicine	13		5075	5095	2018	11782013	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057282795&doi=10.2147%2fijn.S164843&partnerID=40&md5=02da6313de96beb9bc3a6ba7b1c66f2b
59	Article in Press	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-isopropyl carb nanocomposite	Journal of Saudi Chemical Society					2018	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
60	Article	Zahid R., Mufti R.A., Gulzar M., Bin Haji Hassan M., Alabdulkarem A., Varman M., Kalam M.A., Binti Mohd Zulkifli N.W., Yunus R.	Tribological compatibility analysis of conventional lubricant additives with palm trimethylolpropane ester (TMP) and tetrahedral amorphous diamond-like carbon coating (ta-C)	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	232	8	999	1013	2018	13506501	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044093349&doi=10.1177%2f1350650117746803&partnerID=40&md5=4c3e5804ff8aef0bd8adf0abfb957e5
61	Review	Husain A.A.F., Hasan W.Z.W., Shafie S., Hamidon M.N., Pandey S.S.	A review of transparent solar photovoltaic technologies	Renewable and Sustainable Energy Reviews	94		779	791	2018	13640321	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049463479&doi=10.1016%2fj.rser.2018.06.031&partnerID=40&md5=28e073a649e89b11c88088103515d7e6
62	Review	Razali S.Z., Yunus R., Abdul Rashid S., Lim H.N., Mohamed Jan B.	Review of biodegradable synthetic-based drilling fluid: Progression, performance and future prospect	Renewable and Sustainable Energy Reviews	90		171	186	2018	13640321	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046867651&doi=10.1016%2fj.rser.2018.03.014&partnerID=40&md5=ce1ad9e086fce50e394ca5608f1c802f
63	Review	Ng C.H., Lim H.N., Hayase S., Zainal Z., Huang N.M.	Photovoltaic performances of mono- and mixed-halide structures for perovskite solar cell: A review	Renewable and Sustainable Energy Reviews	90		248	274	2018	13640321	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044575015&doi=10.1016%2fj.rser.2018.03.030&partnerID=40&md5=30068a72fe7c067cfb8dd12703f0069f

64	Review	Mansir N., Teo S.H., Rashid U., Saiman M.I., Tan Y.P., Alsultan G.A., Taufiq-Yap Y.H.	Modified waste egg shell derived bifunctional catalyst for biodiesel production from high FFA waste cooking oil. A review	Renewable and Sustainable Energy Reviews	82		3645	3655	2018	13640321	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034075627&doi=10.1016%2fj.rser.2017.10.098&partnerID=40&md5=7262296542788cb1c818ca4dc999a4ea
65	Article	Zainudin A.A., Fen Y.W., Yusof N.A., Al-Rekabi S.H., Mahdi M.A., Omar N.A.S.	Incorporation of surface plasmon resonance with novel valinomycin doped chitosan-graphene oxide thin film for sensing potassium ion	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	191		111	115	2018	13861425	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030766171&doi=10.1016%2fj.saa.2017.10.013&partnerID=40&md5=615b9c7c7a5b761f931412dce66e25c6
66	Article in Press	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 willemite semiconductor nanoparticles by polymer thermal treatment method	Journal of Thermal Analysis and Calorimetry					2018	13886150	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056708608&doi=10.1007%2f10973-018-7874-7&partnerID=40&md5=b04e748a4a46f7922286bce73af97fc5
67	Article in Press	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					2018	13886150	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057576560&doi=10.1007%2f10973-018-7954-8&partnerID=40&md5=06ec78c6e722627df14f13790434be0c
68	Article	Alibe I.M., Matori K.A., Sidek H.A.A., Yaakob Y., Rashid U., Alibe A.M., Zaid M.H.M., Khiri M.Z.A.	Effects of calcination holding time on properties of wide band gap willemite semiconductor nanoparticles by the polymer thermal treatment method	Molecules	23	4			2018	14203049	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045280601&doi=10.3390%2fmolecules23040873&partnerID=40&md5=de4685fa9f925e746e0fb5da6fd819eb
69	Article	Talib N.A.A., Salam F., Sulaiman Y.	Development of polyclonal antibody against clenbuterol for immunoassay application	Molecules	23	4			2018	14203049	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044827889&doi=10.3390%2fmolecules23040789&partnerID=40&md5=42e0cea84d6dde53ca53a26872ad3c54

70	Article	Usman M.S., Hussein M.Z., Kura A.U., Fakurazi S., Masarudin M.J., Saad F.F.A.	Graphene oxide as a nanocarrier for a theranostics delivery system of protocatechuic acid and gadolinium/gold nanoparticles	Molecules	23	2			2018	14203049	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042422892&doi=10.3390%2fmolecules23020500&partnerID=40&md5=d9f8d60edb0680e6d21e4ac638994a78
71	Article	Mohd Azmi U.Z., Yusof N.A., Kusnin N., Abdullah J., Suraiya S., Ong P.S., Ahmad Raston N.H., Abd Rahman S.F., Mohamad Fathil M.F.	Sandwich Electrochemical Immunosensor for Early Detection of Tuberculosis Based on Graphene/Polyaniline-Modified Screen-Printed Gold Electrode	Sensors (Basel, Switzerland)	18	11			2018	14248220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056615226&doi=10.3390%2fs18113926&partnerID=40&md5=040c96287238d72180e8b60e4df47e5c
72	Article	Almassri A.M.M., Hasan W.Z.W., Ahmad S.A., Shafie S., Wada C., Horio K.	Self-calibration algorithm for a pressure sensor with a real-time approach based on an artificial neural network	Sensors (Switzerland)	18	8			2018	14248220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051380465&doi=10.3390%2fs18082561&partnerID=40&md5=e0b2bc2df2096637a15c6e94953f231e
73	Article	Chachuli S.A.M., Hamidon M.N., Mamat M.S., Ertugrul M., Abdullah N.H.	A hydrogen gas sensor based on TiO2 nanoparticles on alumina substrate	Sensors (Switzerland)	18	8			2018	14248220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052096174&doi=10.3390%2fs18072483&partnerID=40&md5=484e2ce3ad3a28152d405dec00fa3645
74	Article	Bakhori N.M., Yusof N.A., Abdullah J., Wasoh H., Noor S.S.M., Raston N.H.A., Mohammad F.	Immuno nanosensor for the ultrasensitive naked eye detection of tuberculosis	Sensors (Switzerland)	18	6			2018	14248220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048680755&doi=10.3390%2fs18061932&partnerID=40&md5=26a5823507aea7fe9ff22f9a9be37ae5
75	Article in Press	Sharif S.N.M., Hashim N., Md Isa I., Ali N.M., Bakar S.A., Hussein M.Z., Mamat M., Bakar N.A., Mahamod W.R.W.	Preparation and characterisation of novel paddy cultivation herbicide nanocomposite from zinc/aluminium layered double hydroxide and quinclorac anion*	Materials Research Innovations			1	6	2018	14328917	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044196867&doi=10.1080%2f14328917.2018.1452586&partnerID=40&md5=741ec538570ebb5bc1e5422278ddf29f
76	Article in Press	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			1	13	2018	14328917	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042932656&doi=10.1080%2f14328917.2018.1444696&partnerID=40&md5=1c505078f5f3deafaea66a65f28d938b

77	Article in Press	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			1	9	2018	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
78	Article in Press	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 YBa ₂ Cu ₃ O _{7-δ} Superconductor Prepared via Coprecipitation Method	Journal of Superconductivity and Novel Magnetism					2018	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
79	Article	Abd Muain M.F., Cheo K.H., Omar M.N., Amir Hamzah A.S., Lim H.N., Salleh A.B., Tan W.S., Ahmad Tajudin A.	Gold nanoparticle-decorated reduced-graphene oxide targeting anti hepatitis B virus core antigen	Bioelectrochemistry	122		199	205	2018	15675394	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045415200&doi=10.1016%2fj.bioelechem.2018.04.004&partnerID=40&md5=110c2f389a947e261f577a91146b4bd8
80	Article	Tukimin N., Abdullah J., Sulaiman Y.	Electrodeposition of poly(3,4-ethylenedioxythiophene)/reduced graphene oxide/manganese dioxide for simultaneous detection of uric acid, dopamine and ascorbic acid	Journal of Electroanalytical Chemistry	820		74	81	2018	15726657	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046414413&doi=10.1016%2fj.jelechem.2018.04.065&partnerID=40&md5=007a382142c7ec527a36e8e24b0fd75e
81	Article	Asnawi M., Azhari S., Hamidon M.N., Ismail I., Helina I.	Synthesis of Carbon Nanomaterials from Rice Husk via Microwave Oven	Journal of Nanomaterials	2018				2018	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044162769&doi=10.1155%2f2018%2f2898326&partnerID=40&md5=1ffa36357121bb3a3d8bad319cda33a6
82	Article	Samsudin N.A., Zainal Z., Lim H.N., Sulaiman Y., Chang S.-K., Lim Y.-C., Mohd Amin W.N.	Enhancement of Capacitive Performance in Titania Nanotubes Modified by an Electrochemical Reduction Method	Journal of Nanomaterials	2018				2018	16874110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045920236&doi=10.1155%2f2018%2f9509126&partnerID=40&md5=fcdce50b1f566d7343bd754b6d2753ee

83	Article	Al-Ogaili A.S., Aris I., Othman M.L., Aziz N., Isa D., Hoon Y.	Design and experimental results of universal electric vehicle charger using DSP	Telkomnika (Telecommunication Computing Electronics and Control)	16	4	1435	1444	2018	16936930	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049859479&doi=10.12928%2FTELKOMNIKA.v16i4.7308&partnerID=40&md5=1d247450388abd0338569ae26669f719
84	Article	Alibe I.M., Matori K.A., Sidek H.A.A., Yazid Y., Saion E., Alibe A.M., Zaid M.H.M., Ali E.A.G.E., Zangina T.	The influence of calcination temperature on structural and optical properties of ZnO-SiO ₂ nanocomposite by simple thermal treatment route	Archives of Metallurgy and Materials	63	2	539	545	2018	17333490	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050157669&doi=10.24425%2f118972&partnerID=40&md5=16996a2889fd0552193fe31b97d643c1
85	Article	Ali E.A.G.E., Matori K.A., Saion E., Aziz S.H.A., Zaid M.H.M., Alibe I.M.	Structural and optical properties of heat treated Zn ₂ SiO ₄ composite prepared by impregnation of ZnO on SiO ₂ amorphous nanoparticles	ASM Science Journal	11	Special Issue	75	85	2018	18236782	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055161650&partnerID=40&md5=211045445f2d4eec477443c3d97691a3
86	Article	Sayyed M.I., Dong M.G., Zaid M.H.M., Matori K.A., Sidek H.A.A., Singh V.P.	Effect of bismuth in lead germanate glass system on shielding properties for development of gamma-rays shielding materials	Digest Journal of Nanomaterials and Biostructures	13	1	1	6	2018	18423582	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040995327&partnerID=40&md5=f2a62cdec667cf145e0fdc3f938e4f46
87	Article	Mokbli S., Nehdi I.A., Sbihi H.M., Tan C.P., Al-Resayes S.I., Rashid U.	Yucca aloifolia Seed Oil: A New Source of Bioactive Compounds	Waste and Biomass Valorization	9	7	1087	1093	2018	18772641	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016428953&doi=10.1007%2fs12649-017-9892-2&partnerID=40&md5=2d630341f6bdb05c1280bd265c22204d
88	Article in Press	Mohammed Modawe Alshik Edris N., Abdullah J., Kamaruzaman S., Saiman M.I., Sulaiman Y.	Electrochemical reduced graphene oxide-poly(eriochrome black T)/gold nanoparticles modified glassy carbon electrode for simultaneous determination of ascorbic acid, dopamine and uric acid	Arabian Journal of Chemistry					2018	18785352	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054032632&doi=10.1016%2fj.arabjc.2018.09.002&partnerID=40&md5=27d64497458823a346f3ddbdf5308de6
89	Article	Pam A.A., Abdullah A.H., Ping T.Y., Zainal Z.	Batch and fixed bed adsorption of Pb(II) from aqueous solution using EDTA modified activated carbon derived from palm kernel shell	BioResources	13	1	1235	1250	2018	19302126	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041336182&doi=10.15376%2fbiores.13.1.1235-1250&partnerID=40&md5=eca2eade596fda4c46632628721aaa51

90	Article	Azis R.'S., Sulaiman S., Ibrahim I.R., Zakaria A., Hassan J., Muda N.N.C., Nazlan R., Saiden N.M., Fen Y.W., Mustaffa M.S., Matori K.A.	Influence of pH Adjustment Parameter for Sol-Gel Modification on Structural, Microstructure, and Magnetic Properties of Nanocrystalline Strontium Ferrite	Nanoscale Research Letters	13				2018	19317573	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047435805&doi=10.1186%2fs11671-018-2562-x&partnerID=40&md5=07258666ff04fee3ec65e55e04d2bea3
91	Article	Usman M.S., Hussein M.Z., Fakurazi S., Masarudin M.J., Saad F.F.A.	A bimodal theranostic nanodelivery system based on [graphene oxide-chlorogenic acid-gadolinium/gold] nanoparticles	PLoS ONE	13	7			2018	19326203	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050725961&doi=10.1371%2fjournal.pone.0200760&partnerID=40&md5=588fed9e396997f29628a005c9492be6
92	Article	Rahman S.K.Ab., Yusof N.A., Abdullah A.H., Mohammad F., Idris A., Al-lohedan H.A.	Evaluation of porogen factors for the preparation of ion imprinted polymer monoliths used in mercury removal	PLoS ONE	13	4			2018	19326203	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045467470&doi=10.1371%2fjournal.pone.0195546&partnerID=40&md5=b28a8af027842c6f1a82c9223aad877
93	Article	Agudosi E.S., Salleh M.A.M., Abdullah E.C., Mubarak N.M., Khalid M., Azni A.A.	Characterization of crystallized struvite on wastewater treatment equipment: Prospects for crystal fertilizer production	Desalination and Water Treatment	113		205	212	2018	19443994	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054480873&doi=10.5004%2fdwt.2018.22281&partnerID=40&md5=9444a70be379754b98d8757fdd38ece2
94	Article	Tareq S.S., Saiman M.I., Hin T.-Y.Y., Abdullah A.H., Rashid U.	The impact of hydrogen peroxide as an oxidant for solvent-free liquid phase oxidation of benzyl alcohol using Au-Pd supported carbon and titanium catalysts	Bulletin of Chemical Reaction Engineering & Catalysis	13	2	373	385	2018	19782993	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048640741&doi=10.9767%2fbcrc.13.2.1204.373-385&partnerID=40&md5=ab3cd2d7b5517513dc04590d96bfd4c6
95	Article	Ali M., Rashid S.A., Hamidon M.N., Md Yasina F.	Facile synthesis and characterization of multi-Layer graphene growth on Co-Ni oxide/Al ₂ O ₃ substrate using chemical vapour deposition	Bulletin of Chemical Reaction Engineering & Catalysis	13		341	354	2018	19782993	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049171031&doi=10.9767%2fbcrc.13.2.1453.341-354&partnerID=40&md5=0b97315b2ff0b1eccf416779b3c0243f

96	Article	Murthy A.S., Azis N., Al-Ameri S., Yousof M.F.M., Jasni J., Talib M.A.	Investigation of the effect of winding clamping structure on frequency response signature of 11 kV distribution transformer	Energies	11	9			2018	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054027596&doi=10.3390%2fen11092307&partnerID=40&md5=a1d6ad763e9c40378f0f1ccb765f11e
97	Article	Yahaya M.S., Azis N., Selva A.M., Kadir M.Z.A.A., Jasni J., Kadim E.J., Hairi M.H., Ghazali Y.Z.Y.	A maintenance cost study of transformers based on markov model utilizing frequency of transition approach	Energies	11	8			2018	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052826144&doi=10.3390%2fen11082006&partnerID=40&md5=6168d6ef2992cfe9d7425011f015bc61
98	Article	Azman N.H.N., Lim H.N., Mamat M.S., Sulaiman Y.	Synergistic enhancement of ternary poly(3,4-ethylenedioxythiophene)/graphene oxide/manganese oxide composite as a symmetrical electrode for supercapacitors	Energies	11	6			2018	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049626897&doi=10.3390%2fen11061510&partnerID=40&md5=8b7dad65b43e17b4b2e965c26ab8cb0f
99	Business Article	Mohamad N.A., Azis N., Jasni J., Kadir M.Z.A.A., Yunus R., Yaakub Z.	Physiochemical and electrical properties of refined, bleached and deodorized palm oil under high temperature ageing for application in transformers	Energies	11	6			2018	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049612792&doi=10.3390%2fen11061583&partnerID=40&md5=ebd180eccdf0c19dbf74b488ba9e45e81
100	Article	Kadim E.J., Azis N., Jasni J., Ahmad S.A., Talib M.A.	Transformers health index assessment based on neural-fuzzy network	Energies	11	4			2018	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044526773&doi=10.3390%2fen11040710&partnerID=40&md5=08d16d4de1d2e810e3b3e7e9f9f33dca
101	Article	Selva A.M., Azis N., Yahaya M.S., Ab Kadir M.Z.A., Jasni J., Ghazali Y.Z.Y., Talib M.A.	Application of markov model to estimate individual condition parameters for transformers	Energies	11	8			2018	19961073	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052822566&doi=10.3390%2fen11082114&partnerID=40&md5=5ed4887c5ad9d19d521c2c157e8ff4c6
102	Article	Azis R.S., Che Muda N.N., Hassan J., Shaari A.H., Ibrahim I.R., Mustaffa M.S., Sulaiman S., Matori K.A., Fen Y.W.	Effect of ratio in ammonium nitrate on the structural, microstructural, magnetic, and AC conductivity properties of BaFe12O19	Materials	11	11			2018	19961944	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056005022&doi=10.3390%2fma11112190&partnerID=40&md5=3aabb9c6eefe60dca3592e34d884a9cf

103	Article	Rahim Z.A., Yusof N.A., Haniff M.A.S.M., Mohammad F., Syono M.I., Daud N.	Electrochemical measurements of multiwalled carbon nanotubes under different plasma treatments	Materials	11	10			2018	19961944	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054552816&doi=10.3390%2fma11101902&partnerID=40&md5=dd113eb2c793ce0c05f523aa99ebcd8e
104	Review	Sani F., Shafie S., Lim H.N., Musa A.O.	Advancement on lead-free organic-inorganic halide perovskite solar cells: A review	Materials	11	6			2018	19961944	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048574755&doi=10.3390%2fma11061008&partnerID=40&md5=0d072dc162c1b45b177eac6d74aae104
105	Article	Fudzi L.M., Zainal Z., Lim H.N., Chang S.-K., Holi A.M., Ali M.S.-M.	Effect of temperature and growth time on vertically aligned ZnO nanorods by simplified hydrothermal technique for photoelectrochemical cells	Materials	11	5			2018	19961944	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046280345&doi=10.3390%2fma11050704&partnerID=40&md5=de0d5872bef6719604fd18eb606b7488
106	Article	Mohamad N.A., Azis N., Jasni J., Kadir M.Z.A.A., Yunus R., Yaakub Z.	Ageing study of palm oil and coconut oil in the presence of insulation paper for transformers application	Materials	11	4			2018	19961944	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044651239&doi=10.3390%2fma11040532&partnerID=40&md5=ae16516a9b7bdf9c45257dc79be3566
107	Review	Nasir S., Hussein M.Z., Zainal Z., Yusof N.A.	Carbon-based nanomaterials/allotropes: A glimpse of their synthesis, properties and some applications	Materials	11	2			2018	19961944	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042122046&doi=10.3390%2fma11020295&partnerID=40&md5=945c0cf280ad9aa9833b9f8d5993f9a1
108	Article	Jaya Seema D.M., Saifullah B., Selvanayagam M., Gothai S., Hussein M.Z., Subbiah S.K., Mohd Esa N., Arulselvan P.	Designing of the anticancer nanocomposite with sustained release properties by using graphene oxide nanocarrier with phenethyl isothiocyanate as anticancer agent	Pharmaceutics	10	3			2018	19994923	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051242903&doi=10.3390%2fpharmaceutics10030109&partnerID=40&md5=a26a4d3c0f1277f0ca16e947d0c2e19b
109	Erratum	Chiam S.L., Lim H.N., Hafiz S.M., Pandikumar A., Huang N.M.	Correction: Electrochemical performance of supercapacitor with stacked copper foils coated with graphene nanoplatelets (Scientific Reports DOI: 10.1038/s41598-018-21572-x)	Scientific Reports	8	1			2018	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049884053&doi=10.1038%2fs41598-018-28897-7&partnerID=40&md5=53c17ce7e112e0be5538e9cdf69f753a

110	Article	Chiam S.L., Lim H.N., Hafiz S.M., Pandikumar A., Huang N.M.	Electrochemical Performance of Supercapacitor with Stacked Copper Foils Coated with Graphene Nanoplatelets	Scientific Reports	8	1			2018	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042177276&doi=10.1038%2fs41598-018-21572-x&partnerID=40&md5=a3b8845899a0d1114192cb0366f50714
111	Article	Foo C.Y., Lim H.N., Mahdi M.A., Wahid M.H., Huang N.M.	Three-Dimensional Printed Electrode and Its Novel Applications in Electronic Devices	Scientific Reports	8	1			2018	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046854128&doi=10.1038%2fs41598-018-25861-3&partnerID=40&md5=ce2da1dcabedf5e620f0b043bd4a8218
112	Article	Ng C.H., Ripolles T.S., Hamada K., Teo S.H., Lim H.N., Bisquert J., Hayase S.	Tunable Open Circuit Voltage by Engineering Inorganic Cesium Lead Bromide/Iodide Perovskite Solar Cells	Scientific Reports	8	1			2018	20452322	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041651153&doi=10.1038%2fs41598-018-20228-0&partnerID=40&md5=c7b113302d331ec3ec3161a5cb4bd577
113	Article	Samsudin N.A., Zainal Z., Lim H.N., Sulaiman Y., Chang S.-K., Lim Y.-C., Ayal A.K., Mohd Amin W.N.	Capacitive performance of vertically aligned reduced titania nanotubes coated with Mn2O3 by reverse pulse electrodeposition	RSC Advances	8	41	23040	23047	2018	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049381364&doi=10.1039%2fc8ra03513j&partnerID=40&md5=ce8f4bfdda5ce5f717f73a2383a0138
114	Article	Talib N.A.A., Salam F., Yusof N.A., Alang Ahmad S.A., Azid M.Z., Mirad R., Sulaiman Y.	Enhancing a clenbuterol immunosensor based on poly(3,4-ethylenedioxythiophene)/multi-walled carbon nanotube performance using response surface methodology	RSC Advances	8	28	15522	15532	2018	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046101236&doi=10.1039%2fc8ra00109j&partnerID=40&md5=2579501375abf9e0f2924551d4dc27dd
115	Article	Muhammad A., Hajian R., Yusof N.A., Shams N., Abdullah J., Woi P.M., Garmestani H.	A screen printed carbon electrode modified with carbon nanotubes and gold nanoparticles as a sensitive electrochemical sensor for determination of thiamphenicol residue in milk	RSC Advances	8	5	2714	2722	2018	20462069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040953804&doi=10.1039%2fc7ra07544h&partnerID=40&md5=699bdbc0228ad1405d57e915ce5ef08d

116	Review	Ibrahim I., Lim H.N., Mohd Zawawi R., Ahmad Tajudin A., Ng Y.H., Guo H., Huang N.M.	A review on visible-light induced photoelectrochemical sensors based on CdS nanoparticles	Journal of Materials Chemistry B	6	28	4551	4568	2018	20507518	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050675434&doi=10.1039%2fc8tb00924d&partnerID=40&md5=4215cc407d2a724dbbce73146b855d48
117	Article	Salih E.Y., Sabri M.F.M., Sulaiman K., Hussein M.Z., Said S.M., Usop R., Salleh M.F.M., Ali Bashir M.B.	Thermal, structural, textural and optical properties of ZnO/ZnAl ₂ O ₄ mixed metal oxide-based Zn/Al layered double hydroxide	Materials Research Express	5	11			2018	20531591	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053331934&doi=10.1088%2f2053-1591%2faadbca&partnerID=40&md5=5ee9b7def892c26193f19c9da53ee070
118	Article	Yahaya M.S., Azis N., Selva A.M., Kadir M.Z.A.A., Jasni J., Hairi M.H., Ghazali Y.Z., Talib M.A.	Effect of pre-determined maintenance repair rates on the health index state distribution and performance condition curve based on the Markov Prediction Model for sustainable transformers asset management strategies	Sustainability (Switzerland)	10	10			2018	20711050	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053820735&doi=10.3390%2fsu10103399&partnerID=40&md5=a7cb61ba67cfbfa92037ec600aa5901a
119	Article	Azri F.A., Sukor R., Selamat J., Bakar F.A., Yusof N.A., Hajian R.	Electrochemical immunosensor for detection of aflatoxin B1 based on indirect competitive ELISA	Toxins	10	5			2018	20726651	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047266566&doi=10.3390%2ftoxins10050196&partnerID=40&md5=9fac88efd5d6999610a657bda1699215
120	Article	Saifullah B., Buskaran K., Shaikh R.B., Barahue F., Fakurazi S., Moklas M.A.M., Hussein M.Z.	Graphene oxide-PEG-protocatechuic acid nanocomposite formulation with improved anticancer properties	Nanomaterials	8	10			2018	20794991	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056323816&doi=10.3390%2fnano8100820&partnerID=40&md5=0f6a1639e1ddd265f8aa56ac0e1d5b3d
121	Article	Nicholas A.F., Hussein M.Z., Zainal Z., Khadiran T.	Palm kernel shell activated carbon as an inorganic framework for shape-stabilized phase change material	Nanomaterials	8	9			2018	20794991	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053229601&doi=10.3390%2fnano8090689&partnerID=40&md5=23ff2aa7d5d416c9bbeac0c5f1dcfb87
122	Article	Tan J.M., Saifullah B., Kura A.U., Fakurazi S., Hussein M.Z.	Incorporation of levodopa into biopolymer coatings based on carboxylated carbon nanotubes for ph-dependent sustained release drug delivery	Nanomaterials	8	6			2018	20794991	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047979750&doi=10.3390%2fnano8060389&partnerID=40&md5=1477674bd10679173c4739d49f5266cf

123	Article	Rosman R., Saifullah B., Maniam S., Dorniani D., Hussein M.Z., Fakurazi S.	Improved anticancer effect of magnetite nanocomposite formulation of gallic acid (Fe ₃ O ₄ -peg-ga) against lung, breast and colon cancer cells	Nanomaterials	8	2			2018	20794991	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041596495&doi=10.3390%2fnano8020083&partnerID=40&md5=6de7d3b345b6c40b0a61084375bcbcf7
124	Article in Press	Mustafa I.F., Hussein M.Z., Seman I.A., Hilmi N.H.Z., Fakurazi S.	Synthesis of Dazomet-Zinc/Aluminum-Layered Double Hydroxide Nanocomposite and Its Phytotoxicity Effect on Oil Palm Seed Growth	ACS Sustainable Chemistry and Engineering					2018	21680485	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056237244&doi=10.1021%2facsschemeng.8b02584&partnerID=40&md5=c6c00dbba626f8695db22114f53efc97
125	Article	Hasan I.H., Hamidon M.N., Ismail A., Ismail I., Mekki A.S., Mohd Kusaimi M.A., Azhari S., Osman R.	YIG Thick Film as Substrate Overlay for Bandwidth Enhancement of Microstrip Patch Antenna	IEEE Access	6		32601	32611	2018	21693536	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048001393&doi=10.1109%2fACCESS.2018.2842749&partnerID=40&md5=01a0d2a0d042a65a7b8ed27f341ffa4f
126	Article	Dallal Bashi O.I., Wan Hasan W.Z., Azis N., Shafie S., Wagatsuma H.	Autonomous quadcopter altitude for measuring risky gases in hazard area	Journal of Telecommunication , Electronic and Computer Engineering	10	5-Feb	31	34	2018	21801843	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049409432&partnerID=40&md5=ad59697e040676ccfd229fa2b0cc1eff
127	Article	Anuar M.F., Fen Y.W., Zaid M.H.M., Matori K.A., Khaidir R.E.M.	Synthesis and structural properties of coconut husk as potential silica source	Results in Physics	11		1	4	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052118193&doi=10.1016%2fj.rinp.2018.08.018&partnerID=40&md5=f8bb51582f372c8b12771e9b4a566097
128	Article	Omar N.A.S., Fen Y.W., Abdullah J., Anas N.A.A., Ramdzan N.S.M., Mahdi M.A.	Optical and structural properties of cadmium sulphide quantum dots based thin films as potential sensing material for dengue virus E-protein	Results in Physics	11		734	739	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8505565514&doi=10.1016%2fj.rinp.2018.10.032&partnerID=40&md5=5c0c18a6e75e869b280c51701c3920d9
129	Article	Albert E.L., Che Abdullah C.A., Shiroshaki Y.	Synthesis and characterization of graphene oxide functionalized with magnetic nanoparticle via simple emulsion method	Results in Physics	11		944	950	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056310498&doi=10.1016%2fj.rinp.2018.10.054&partnerID=40&md5=7b155d7c1cc272e3ae37aeb88d77692a

130	Article	Saleviter S., Fen Y.W., Omar N.A.S., Zainudin A.A., Daniyal W.M.E.M.M.	Optical and structural characterization of immobilized 4-(2-pyridylazo)resorcinol in chitosan-graphene oxide composite thin film and its potential for Co ²⁺ sensing using surface plasmon resonance technique	Results in Physics	11	118	122	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052725918&doi=10.1016%2fj.rinp.2018.08.040&partnerID=40&md5=8583af94659efaa7c87f8306a17d2835
131	Article	Lokman M.Q., Yusoff S.F.A.Z., Ahmad F., Zakaria R., Yahaya H., Shafie S., Rosnan R.M., Harun S.W.	Deposition of silver nanoparticles on polyvinyl alcohol film using electron beam evaporation and its application as a passive saturable absorber	Results in Physics	11	232	236	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044942126&doi=10.1016%2fj.rinp.2018.09.004&partnerID=40&md5=6895d7cdbc7aacc09845c7ec480deb87
132	Article	Syazwan M.M., Hapishah A.N., Azis R.S., Abbas Z., Hamidon M.N.	Grain growth effects on magnetic properties of Ni _{0.6} Zn _{0.4} Fe ₂ O ₄ material prepared using mechanically alloyed nanoparticles	Results in Physics	9	842	850	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044942126&doi=10.1016%2fj.rinp.2018.03.054&partnerID=40&md5=43fe86e6388d64290623be971cc6e89e
133	Article	Zuikafly S.N.F., Khalifa A., Ahmad F., Shafie S., Harun S.	Conductive graphene as passive saturable absorber with high instantaneous peak power and pulse energy in Q-switched regime	Results in Physics	9	371	375	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043503811&doi=10.1016%2fj.rinp.2018.03.002&partnerID=40&md5=a56652708c96b22a50c138a450ad3159
134	Article	Sayyed M.I., AlZaatreh M.Y., Matori K.A., Sidek H.A.A., Zaid M.H.M.	Comprehensive study on estimation of gamma-ray exposure buildup factors for smart polymers as a potent application in nuclear industries	Results in Physics	9	585	592	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044108048&doi=10.1016%2fj.rinp.2018.01.057&partnerID=40&md5=c80b748f84ed4d5752108c525ca9000b
135	Article	Alazoumi S.H., Aziz S.A., El-Mallawany R., Aliyu U.S., Kamari H.M., Saion E., Chyi J.L.Y., Abdullah C.A.C.	Optical properties of zinc lead tellurite glasses	Results in Physics	9	1371	1376	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046786566&doi=10.1016%2fj.rinp.2018.04.041&partnerID=40&md5=418e2902890992cf9f16d19376c27cf7
136	Article	Baqer A.A., Matori K.A., Al-Hada N.M., Shaari A.H., Kamari H.M., Saion E., Chyi J.L.Y., Abdullah C.A.C.	Synthesis and characterization of binary (CuO) _{0.6} (CeO ₂) _{0.4} nanoparticles via a simple heat treatment method	Results in Physics	9	471	478	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043599748&doi=10.1016%2fj.rinp.2018.02.079&partnerID=40&md5=e030018afc7e112813d1e9fe1199a124

137	Article	Elazoumi S.H., Sidek H.A.A., Rammah Y.S., El-Mallawany R., Halimah M.K., Matori K.A., Zaid M.H.M.	Effect of PbO on optical properties of tellurite glass	Results in Physics	8		16	25	2018	22113797	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035318124&doi=10.1016%2fj.rinp.2017.11.010&partnerID=40&md5=29dc8260607d5bb01376004176ceb1d2
138	Article	Omar N.A.S., Fen Y.W., Abdullah J., Chik C.E.N.C.E., Mahdi M.A.	Development of an optical sensor based on surface plasmon resonance phenomenon for diagnosis of dengue virus E-protein	Sensing and Bio-Sensing Research	20		16	21	2018	22141804	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048722049&doi=10.1016%2fj.sbsr.2018.06.001&partnerID=40&md5=c94003d12461ad638b20cd7551731df6
139	Article	Hussein-Al-Ali S.H., Arulsevan P., Hussein M.Z., Fakurazi S., Saifullah B.	Evaluate the cytotoxicity of kojic acid nanocomposites on melanoma cells and normal cells of the skin	Journal of Biomimetics, Biomaterials and Biomedical Engineering	36		45	55	2018	22969837	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044779455&doi=10.4028%2fwww.scientific.net%2fJBMBE.36.45&partnerID=40&md5=e29fb0bdc59c95e360859d32932e21e
140	Article	Silas K., Ghani W.A.W.A.K., Choong T.S.Y., Rashid U.	Activated carbon monolith Co[Formula presented]O[Formula presented] based catalyst: Synthesis, characterization and adsorption studies	Environmental Technology and Innovation	12		273	285	2018	23521864	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055500809&doi=10.1016%2fj.eti.2018.10.008&partnerID=40&md5=c75f433c41d483656a4e0aacf0d12630
141	Article	Sabri Y.H., Wan. Hasan W.Z., Shafie S., Radzi M.A.M., Sabry A.H.	Daily harvested energy of cadmium telluride thin film photovoltaic	Indonesian Journal of Electrical Engineering and Computer Science	11	1	18	26	2018	25024752	0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046821105&doi=10.11591%2fijeecs.v11.i1.pp18-26&partnerID=40&md5=c7e06f1337428f8d8e0fb5c49cb4ea6e
142	Article	Zangina T., Hassan J., Azis R.S., Matori K.A., See A., Alibe I.M., Umar S.	Structural, electrical conductivity and dielectric relaxation behavior of LiHf ₂ (PO ₄) ₃ ceramic powders	Journal of the Australian Ceramic Society	54	2	307	316	2018	0004881X	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046262686&doi=10.1007%2fs41779-017-0155-2&partnerID=40&md5=dd27b629a7590a4837ae2c2ba8fbf164

143	Article	Musa M.A., Azis R.S., Osman N.H., Hassan J., Dihom M.M.	Structural and magnetic properties of yttrium aluminum iron garnet (YAIG) nanoferrite prepared via auto-combustion sol-gel synthesis	Journal of the Australian Ceramic Society	54	1	55	63	2018	0004881X	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041433909&doi=10.1007%2fs41779-017-0126-7&partnerID=40&md5=2c58481bb5cdef7e64b844a08e7e5f37
144	Article	Zuru D.U., Zainal Z., Hussein M.Z., Jaafar A.M., Lim H.-N., Chang S.-K.	Theoretical and experimental models for the synthesis of single-walled carbon nanotubes and their electrochemical properties	Journal of Applied Electrochemistry	48	3	287	304	2018	0021891X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042355909&doi=10.1007%2fs10800-018-1158-6&partnerID=40&md5=83e9dde7d8a0f5df6ba952acd51671ba
145	Review	Azman N.H.N., Mamat @ Mat Nazir M.S., Ngee L.H., Sulaiman Y.	Graphene-based ternary composites for supercapacitors	International Journal of Energy Research	42	6	2104	2116	2018	0363907X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041673176&doi=10.1002%2fer.4001&partnerID=40&md5=4d984084284a9fd3c116336daadfbdc4
146	Article	Syed Zainol Abidin S.N.J., Mamat S., Abdul Rasyid S., Zainal Z., Sulaiman Y.	Fabrication of poly(vinyl alcohol)-graphene quantum dots coated with poly(3,4-ethylenedioxythiophene) for supercapacitor	Journal of Polymer Science, Part A: Polymer Chemistry	56	1	50	58	2018	0887624X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034774350&doi=10.1002%2fpola.28859&partnerID=40&md5=91b780beed192ecda544958167857093
147	Article	Yu K.L., Show P.L., Ong H.C., Ling T.C., Chen W.-H., Salleh M.A.M.	Biochar production from microalgae cultivation through pyrolysis as a sustainable carbon sequestration and biorefinery approach	Clean Technologies and Environmental Policy	20	9	2047	2055	2018	1618954X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044438218&doi=10.1007%2fs10098-018-1521-7&partnerID=40&md5=5e31ce641fdbf39e0f6456bf068c9839
148	Article	Afzal S., Mumtaz M.W., Rashid U., Danish M., Raza M.A., Raza A., Mukhtar H., Al-Resayes S.I.	Exhaust emission profiling of fatty acid methyl esters and NOx control studies using selective synthetic and natural additives	Clean Technologies and Environmental Policy	20	3	589	601	2018	1618954X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040696350&doi=10.1007%2fs10098-018-1489-3&partnerID=40&md5=d6e48631167037f0f3bed60f7d355005

149	Article	Nordin N., Yusof N.A., Radu S., Hushiarian R.	Development of an electrochemical DNA biosensor to detect a foodborne pathogen	Journal of Visualized Experiments	2018	136				2018	1940087X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049845091&doi=10.3791%2f56585&partnerID=40&md5=ed5b4de09ee5e81f26d71ffb1dd38d9d
150	Review	Nurulkhalilah Tukimin, Jaafar Abdullah	Electrochemical detection of uric acid, dopamine and ascorbic acid.	Journal of the Electrochemical Society	165	7	B258	B267	2018	1945-7111		Q1	
151	Article Journal	Nurul Ain A. Talib, Faridah Salam, Nor Azah Yusof, Shahrul Ainliah Alang Ahmad,	Enhancing clenbuterol immunosensor based on poly(3,4-ethylenedioxythiophene)/multi-walled carbon nanotube performance by response surface methodology	RSC Advances	8		15522	15532	2018	2046-2069		Q2	
152	Article	Tong Ling Tan, Chin Wei Lai, Sok Lai Hong, Suraya Abdul Rashid	New insights into the photocatalytic endocrine disruptors dimethyl phthalate esters degradation by UV/MWCNTs-TiO2 nanocomposites	Journal of Photochemistry and Photobiology A: Chemistry	364							Q2	https://www.sciencedirect.com/science/article/pii/S1010603017318191
153	Article	Chuan Li Lee , Paik San H'ng , Md Tahir Paridah , Kit Ling Chin , Umer Rashid , Mariusz Maminski , Wen Ze Go , Raja Ahamd Raja Nazrin , Siti Nurul Asyikin Rosli and Pui San Khoo	Production of Bioadsorbent from Phosphoric Acid Pretreated Palm Kernel Shell and Coconut Shell by Two-stage Continuous Physical Activation via N2 and Air	Royal Society Open Science		5	12		2018	2054-5703		Q1	https://royalsocietypublishing.org/doi/10.1098/rsos.180775
154	Article	Soroush Soltani, Umer Rashid, Taha Roodbar Shojaei, Imededdine Arbi Nehdi & Muhammad Ibrahim	Modelling of the Nanocrystalline Sized Mesoporous Zinc Oxide Catalyst using an Artificial Neural Network for Efficient Biodiesel Production	Chemical Engineering Communications					2018			Q2	https://www.tandfonline.com/doi/abs/10.1080/00986445.2018.1471399?journalCode=gcec20
155	Article	Nasir Mahmood , Nasir Rasool , Hafiz Mansoor Ikram , Muhammad Ali Hashmi, Tariq Mahmood, Muhammad Zubair, Gulraiz Ahmad, Komal Rizwan, Tahir Rashid and Umer Rashid	Synthesis of 3,4-Biaryl-2,5-Dichlorothiophene through Suzuki Cross-Coupling and Theoretical Exploration of Their Potential Applications as Nonlinear Optical Materials	Symmetry	10	2			2018			Q2	https://www.mdpi.com/2073-8994/10/12/766

156	Article	N.A. Mustafa, Q. Ahsan, M.A. Azam and A.L. Chuah	EFFECT OF DODECYLBENZENE SULFONIC ACID DOPANT CONCENTRATIONS ON THE SYNTHESIS OF POLYANILINE	Journal of Advanced Manufacturing Technology	12	2	197	208	2018	14333015	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056484791&origin=resultslist&sort=plf-f&src=s&st1=EFFECT+OF+DODECYLBENZENE+SULFONIC+ACID+DOPANT+CONCENTRATIONS+ON+THE+SYNTHESIS+OF+POLYANILINE&st2=&sid=8a831bb34810849424a74f65001c9d09&sot=b&sdt=b&sl=107&s=TITLE-ABS-KEY%28EFFECT+OF+DODECYLBENZENE+SULFONIC+ACID+DOPANT+CONCENTRATIONS+ON+THE+SYNTHESIS+OF+POLYANILINE%29&relpos=0&citeCnt=0&searchTerm=
157	Accepted	Nur izzah nabilah harris, shafreeza sobri, Norazila kassim	Oil palm empty fruit bunch extract as green corrosion inhibitor for mild steel in hydrochloric acid solution: Central composite design optimization" for publication in Materials and Corrosion	Materials and Corrosion							Q2	
158		Chee WahLoyaAndrew E.WhittenLilianade CampobDominiqueAppadooc NorhazlinZainuddindKhamirul AminMatoriefChristineRehmb gAnnaSokolovabChunhaiWan ga1QingboXiaaThomas A.WhittleaSiegbertSchmida	Investigation of the siliceous hydrogel phase formation in glass-ionomer cement paste	Physica B: Condensed Matter	551		287	290	2018	0921-4526	Q2	
159		S. H. Alazoumi1,5 · H. A. A. Sidek1,2 · R. El-Mallawany3 · Halimah Mohamed Kamari1 · Mohd Hafiz Mohd Zaid1,2 · Engku Abd Ghapur Engku Ali2,4	Elastic moduli of TeO ₂ -PbO glass system	Applied Physics A; Materials Science and Processing	124	845	1	11	2018	0947-8396	Q2	
160		Talib NAA1,2, Salam F3, Sulaiman Y4,5.	Development of highly sensitive immunosensor for clenbuterol detection by using poly(3,4-ethylenedioxythiophene)/graphene oxide modified screen-printed carbon electrode	Sensor (Basel)	18	12	4324		2018	1424-8220	Q1	

161	Enis NadiaMd YusofabEdward R.T.TiekinkcMukesh M.JotaniidMichela I.SimonebeAlister J.PagebThahira B.S.A.Ravoofaf	Synthesis, characterisation and structure determination of 3-((1Z)-2-[[bis((2-methylphenyl)methyl)sulfanyl]]methylidene]hydrazin-1-ylidene)methyl]benzene-1,2-diol	Journal of Molecular Structure	1171	2018	650	657	2018	0022-2860	Q3
162	H. K. LEEa , F. ASHARla , Z. A. TALIBa , W. F. YAPa , M. A. KAMARUDINa , N. EFFENDIa , J. Y.C. LIEWa,b,*	Concentration effect of zinc acetate dihydrate as precursor in preparing zinc selenide through hydrothermal method	Chalcogenide Letters	15	10	509	514	2018	1584-8663	Q3
163	IgorCretescuaMariaHarjabCar menTeodosiuaDorina NicolinalspescucMen FeiChokdBrindusa MihaelaSluseraMohamad Amran MohdSallehe	Synthesis and characterisation of a binder cement replacement based on alkali activation of fly ash waste	Process Safety and Environmental Protection	119		23	35	2018	0957-5820	Q1
164	YW Fen, AA Zainudin, NE Safie, WMM Yunus, ZA Talib, NA Yusof, NAS Omar, WMEMM Daniyal, S Saleviter	Characterization and optical properties of 1,5-diphenylcarbazine sensor thin film for sensing application	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	20		537	542	2018	14544164	Q3
165	Tong Ling Tan, Chin Wei Lai, Sok Lai Hong, Suraya Abdul Rashid	New insights into the photocatalytic endocrine disruptors dimethyl phthalate esters degradation by UV/MWCNTs-TiO ₂ nanocomposites	Journal of Photochemistry and Photobiology A: Chemistry					2018	1010-6030	Q1
166	Siti Fatimah Nur Abdul Aziz Ruzniza Zawawi Shahrul Ainliah Alang Ahmad	An Electrochemical Sensing Platform for the Detection of Lead Ions Based on Dicarboxyl-Calix[4]arene	Electroanalysis	30	3	533	542	2018	15214109	Q2
167	Shehu M. Salihu1, Norhisam Misron1, 2, *, Mohammad L. Othman1, and Tsuyoshi Hanamoto3	Power density evaluation of a novel double-stator magnetic geared permanent magnet generator	Progress In Electromagnetics Research B	80	2018	19	36	2018	1937-6472	Q3
168	Nur Hawa Nabilah AzmanYusran SulaimanEmail authorMd Shuhazilly Mamat @ Mat NazirHong Ngee Lim	Novel poly(3,4-ethylenedioxythiophene)/reduced graphene oxide incorporated with manganese oxide/iron oxide for supercapacitor device	Journal of Materials Science: Materials in Electronics			1	10	2018	0957-4522	Q2
169	Arshin Oskoueian,1 Khamirul Amin Matori,1,2 Saadi Bayat,3,4 Ehsan Oskoueian,5,6 Farhad Ostovan,7 and Meysam Toozandehjani1	Fabrication, Characterization, and Functionalization of Single-Walled Carbon Nanotube Conjugated with Tamoxifen and Its Anticancer Potential against Human Breast Cancer Cells	Journal of Nanomaterials	2018		1	13	2018	1687-4129	Q2
170	Natrah ShafiqahRosliabcChe Azurahaman CheAbdullahabRoshasnorlyza Hazanc	Synthesis, characterization and investigation of photocatalytic activity of nano-titania from natural ilmenite with graphite for cigarette smoke degradation	Results in Physics	11	2018	72	78	2018	2211-3797	Q3

171		Nor Aziana Aliteh 1,* , Norhisam Misron 1,2,* , Ishak Aris 1, Roslina Mohd Sidek 1, Kunihisa Tashiro 3 and Hiroyuki Wakiwaka 3	Triple flat-type inductive-based oil palm fruit maturity sensor	sensors	18	8	1	18	2018	1424-8220	Q1	
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