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.	OCUMENT TYP	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE START	PAGE END	YEAR	ISSN OR ISBN	Q2 ONLY (Blank if no	LINK
1	Article	El-bashir B.O., Sayyed M.I., Zaid M.H.M., Matori K.A.	Comprehensive study on physical, elastic and shielding properties of ternary BaO-Bi2O3-P2O5 glasses as a potent radiation shielding material	Journal of Non-Crystalline Solids	468		92	99	2017	00223093	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018433050&doi=10.1016%2fj.jnoncrysol.2017.04.031&partnerID=40&md5=a512761f0a7e324a12b8784f270092c6
2	Article	Zamratul M.I.M., Zaidan W.A., Khamirul A.M., Halim S.A., Raba'ah S.A., Nurzilla M., Nur Fadilah B.P.	Novel eco-friendly synthesis of neodymium doped zinc silicate phosphor based waste glass ceramic: structural, thermal and luminescence properties	Journal of Materials Science: Materials in Electronics	28	13	9395	9402	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015228541&doi=10.1007%2fs10854-017-6680-5&partnerID=40&md5=fc1f34e733c74ef05815513bdfbeec4d
3	Article	Tamjidy M., Hang Tuah Baharudin B.T., Paslar S., Matori K.A., Sulaiman S., Fadaeifard F.	Multi-objective optimization of friction stir welding process parameters of AA6061-T6 and AA7075-T6 using a biogeography based optimization algorithm	Materials	10	5			2017	19961944		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019624822&doi=10.3390%2fma10050533&partnerID=40&md5=b7fe3fcbd522e7e4898416d8c6b9c9c2
4	Article	Zaid M.H.M., Matori K.A., Aziz S.H.A., Kamari H.M., Ismail I., Samsudin N.F., Rashid S.S.A.	Enhanced luminescence properties of low-cost Mn2+ doped willemite based glass–ceramics as potential green phosphor materials	Journal of Materials Science: Materials in Electronics			1	8	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018458486&doi=10.1007%2fs10854-017-7045-9&partnerID=40&md5=c11f998bddaf75a8de5808eeb8b435c6
5	Article	Lee C.S., Matori K.A., Ab Aziz S.H., Mohamed Kamari H., Ismail I., Mohd Zaid M.H.	Influence of zinc oxide on the physical, structural and optical band gap of zinc silicate glass system from waste rice husk ash	Optik	136		129	135	2017	00304026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013016929&doi=10.1016%2fj.ijleo.2017.02.034&partnerID=40&md5=ada6babc18b31aaf7d2d3180f1f2f50f

6	Article	Omar N.A.S., Fen Y.W., Matori K.A.	Europium doped low cost Zn2SiO4 based glass ceramics: A study on fabrication, structural, energy band gap and luminescence properties	Materials Science in Semiconductor Processing	61		27	34	2017	13698001	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008697810&doi=10.1016%2fj.mssp.2016.12.040&partnerID=40&md5=f645e3e5fcdffbe4e975d795d940ac4e
7	Article	Engku Ali E.A.G., Matori K.A., Saion E., Sidek H.A.A., Zaid M.H.M., Alibe I.M.	Effect of reaction time on structural and optical properties of porous SIO2 nanoparticles	Digest Journal of Nanomaterials and Biostructures	12	2	441	447	2017	18423582	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020235830&partnerID=40&md5=1aa3a125c557a9120d4e8f239c22ac99
8	Article	Quah H.J., Hassan Z., Yam F.K., Ahmed N.M., Mohd Salleh M.A., Matori K.A., Lim W.F.	Effects of ammonia-ambient annealing on physical and electrical characteristics of rare earth CeO2 as passivation film on silicon	Journal of Alloys and Compounds	695		3104	3115	2017	09258388	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007473676&doi=10.1016%2fj.jallcom.2016.11.339&partnerID=40&md5=dab8a41d4cb06b290804944ada23c48d
9	Article	Fadaeifard F., Matori K.A., Abd Aziz S., Zolkarnain L., Abdul Rahim M.A.Z.B.	Effect of the welding speed on the macrostructure, microstructure and mechanical properties of AA6061-T6 friction stir butt welds	Metals	7	2			2017	20754701		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013106589&doi=10.3390%2fmet7020048&partnerID=40&md5=62279bf7afb7ca65cf63220f837b7182
10	Article	Matori K.A., Sayyed M.I., Sidek H.A.A., Zaid M.H.M., Singh V.P.	Comprehensive study on physical, elastic and shielding properties of lead zinc phosphate glasses	Journal of Non-Crystalline Solids	457		97	103	2017	00223093	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999277822&doi=10.1016%2fj.jnoncrysol.2016.11.029&partnerID=40&md5=5be8929d5ff5389ebdcb336e8989f4d2
11	Article	Effendy N., Wahab Z.A., Aziz S.H.A., Matori K.A., Zaid M.H.M., Rashid S.S.A.	Characterization and optical properties of erbium oxide doped ZNO–SLS glass for potential optical and optoelectronic materials	Materials Express	7	1	59	65	2017	21585849		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018308716&doi=10.1166%2fmex.2017.1328&partnerID=40&md5=3d9c1c55ab004d023501a76e6d2f5454
12	Article	Al-Nidawi A.J.A., Matori K.A., Zakaria A., Mohd Zaid M.H.	Effect of MnO2 doped on physical, structure and optical properties of zinc silicate glasses from waste rice husk ash	Results in Physics	7		955	961	2017	22113797		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014125026&doi=10.1016%2fj.rinp.2017.02.020&partnerID=40&md5=02746f92590ffbbd6a958f4da567466d

13	Article	Sarrigan G.V., Matori K.A., Amiri I.S., Ahmad H., Fadaeifard F.	Dual-wavelength generation with terahertz spacing using GaAs-AlGaAs microring resonator waveguides	Journal of Computational and Theoretical Nanoscience	14	1	330	334	2017	15461955	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014887705&doi=10.1166%2fjctn.2017.6324&partnerID=40&md5=3c5359afb03298b94f85550b767cfd4c
14	Article	Baqer A.A., Matori K.A., Al-Hada N.M., Shaari A.H., Saion E., Chyi J.L.Y.	Effect of polyvinylpyrrolidone on cerium oxide nanoparticle characteristics prepared by a facile heat treatment technique	Results in Physics	7		611	619	2017	22113797		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010210465&doi=10.1016%2fj.rinp.2017.01.020&partnerID=40&md5=9661afcdf425ce625f363b38c3947e53
15	Article	Alias D., Yunus R., Chong G.H., Che Abdullah C.A.	Single step encapsulation process of tamoxifen in biodegradable polymer using supercritical anti-solvent (SAS) process	Powder Technology	309		89	94	2017	00325910	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008502110&doi=10.1016%2fj.powtec.2016.12.039&partnerID=40&md5=20d5155e612def0dcae4b8d57d7b4aac
16	Article	Abu Bakar N., Mohd Sata N.S.A., Ramlan N.F., Wan Ibrahim W.N., Zulkifli S.Z., Che Abdullah C.A., Ahmad S., Amal M.N.A.	Evaluation of the neurotoxic effects of chronic embryonic exposure with inorganic mercury on motor and anxiety-like responses in zebrafish (Danio rerio) larvae	Neurotoxicology and Teratology	59		53	61	2017	08920362	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008978610&doi=10.1016%2fj.ntt.2016.11.008&partnerID=40&md5=bd79bff13dc3a4c90afb4f5354fdafbb
17	Article	Wong Y.J., Hassan J., Chen S.K., Ismail I.	Combined effects of thermal treatment and Er-substitution on phase formation, microstructure, and dielectric responses of Bi4Ti3O12 Aurivillius ceramics	Journal of Alloys and Compounds	723		567	579	2017	09258388	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021317567&doi=10.1016%2fj.jallcom.2017.06.268&partnerID=40&md5=94900911e28ff563c10c947562c8698b
18	Article	Aziz N.A.A., Hassan J., Abbas Z., Osman N.H.	Microwave dielectric properties of four types of rhizomes from Zingiberaceace family	Journal of Physical Science	28	1	15	26	2017	16753402		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017464996&doi=10.21315%2fjps2017.28.1.2&partnerID=40&md5=75eef921d6f2430103fb7946663f3648
19	Article	Syazwan M.M., Hashim M., Azis R.S., Ismail I., Kanagesan S., Hapishah A.N.	Enhancing absorption properties of Mg–Ti substituted barium hexaferrite nanocomposite through the addition of MWCNT	Journal of Materials Science: Materials in Electronics	28	12	8429	8436	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015170698&doi=10.1007%2fs10854-017-6561-y&partnerID=40&md5=d810f75adb22e1271bad0e51dfda123a

20	Article	Ahmad H.A., Saiden N.M., Saion E., Azis R.S., Mamat M.S., Hashim M.	Effect of PVP as a capping agent in single reaction synthesis of nanocomposite soft/hard ferrite nanoparticles	Journal of Magnetism and Magnetic Materials	428		219	222	2017	03048853	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007124209&doi=10.1016%2fj.jmmm.2016.12.047&partnerID=40&md5=7a3126424713d6c24d71543bba1502fd
21	Article	Nazlan R., Hashim M., Ismail I., Azis R.S., Hassan J., Abbas Z., Idris F.M., Ibrahim I.R.	Compositional and frequency dependent-magnetic and microwave characteristics of indium substituted yttrium iron garnet	Journal of Materials Science: Materials in Electronics	28	3	3029	3041	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991726489&doi=10.1007%2fs10854-016-5889-z&partnerID=40&md5=703559fab87a06044cc29cfa95c2811b
22	Article	Musa M.A., Azis R.S., Osman N.H., Hassan J., Zangina T.	Structural and magnetic properties of yttrium iron garnet (YIG) and yttrium aluminum iron garnet (YAlG) nanoferrite via sol-gel synthesis	Results in Physics	7		1135	1142	2017	22113797		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015358477&doi=10.1016%2fj.rinp.2017.02.038&partnerID=40&md5=c6e1ef82f71ddcf8a2ed333c8273e672
23	Article	Abdullah H.B., Ramli I., Ismail I., Yusof N.A.	Hydrocarbon sources for the carbon nanotubes production by chemical vapour deposition: A review	Pertanika Journal of Science and Technology	25	2	379	396	2017	0128-7680		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018436984&partnerID=40&md5=31e5a9dd1ad4a7d9efddca1d44f705b8
24	Article	Sani H.A., Ahmad M.B., Hussein M.Z., Ibrahim N.A., Musa A., Saleh T.A.	Nanocomposite of ZnO with montmorillonite for removal of lead and copper ions from aqueous solutions	Process Safety and Environmental Protection	109		97	105	2017	0957-5820	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017433081&doi=10.1016%2fj.psep.2017.03.024&partnerID=40&md5=1220d161294aa735d4a1420503fbb2cf
25	Article	Jubri Z., Yusoff N.Z.A.M., Sarijo S.H., Marsom E.S., Hussein M.Z.	Synthesis, characterization and controlled release properties of zinc–aluminium-beta-naphthoxyacetate nanocomposite	Journal of Porous Materials	24	3	573	582	2017	1380-2224	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991087216&doi=10.1007%2fs10934-016-0293-x&partnerID=40&md5=fe0a631fd712d66bc3fbb8585eff9c8e
26	Article	Barahuie F., Saifullah B., Dorniani D., Fakurazi S., Karthivashan G., Hussein M.Z., Elfghi F.M.	Corrigendum to “Graphene oxide as a nanocarrier for controlled release and targeted delivery of an anticancer active agent, chlorogenic acid” [J. Mater. Sci. Eng. C 74(2017) 177–185] (S0928493116320008) (10.1016/j.msec.2016.11.114)	Materials Science and Engineering C	75		1525		2017	0928-4931	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017522182&doi=10.1016%2fj.msec.2017.03.050&partnerID=40&md5=c66a092b0706641f86fa3af21a6018d1

27	Article	Hashim N., Sharif S.N.M., Isa I.M., Hamid S.A., Hussein M.Z., Bakar S.A., Mamat M.	Controlled release formulation of an anti-depression drug based on a L-phenylalanate-zinc layered hydroxide intercalation compound	Journal of Physics and Chemistry of Solids	105		35	44	2017	0022-3697	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013174674&doi=10.1016%2fj.jpcs.2017.02.005&partnerID=40&md5=87819ba32adbee05db0cd55702c9948a
28	Article	Usman M.S., Hussein M.Z., Fakurazi S., Ahmad Saad F.F.	Gadolinium-based layered double hydroxide and graphene oxide nano-carriers for magnetic resonance imaging and drug delivery	Chemistry Central Journal	11	1			2017	1752-153X		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019972116&doi=10.1186%2fs13065-017-0275-3&partnerID=40&md5=8ccd026074edfd9820dcc0e23ff58de9
29	Article	Mohd Abd Ghafar S.L., Hussein M.Z., Rukayadi Y., Zakaria M.Z.A.B.	Surface-functionalized cockle shell-based calcium carbonate aragonite polymorph as a drug nanocarrier	Nanotechnology, Science and Applications	10		79	94	2017	11778903		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020855759&doi=10.2147%2fNSA.S120868&partnerID=40&md5=bc7914fa635d88f8cf9de4a15cca2672
30	Article	Hashim N., Muda Z., Isa I.M., Ali N.M., Bakar S.A., Hussein M.Z.	The effect of ion exchange and co-precipitation methods on the intercalation of 3-(4-methoxyphenyl)propionic acid into layered zinc hydroxide nitrate	Journal of Porous Materials			1	10	2017	1380-2224	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018418046&doi=10.1007%2fs10934-017-0438-6&partnerID=40&md5=10b6d178dc4188ae76b9d4c254e679ae
31	Article	Barahuie F., Saifullah B., Dorniani D., Fakurazi S., Karthivashan G., Hussein M.Z., Elfghi F.M.	Graphene oxide as a nanocarrier for controlled release and targeted delivery of an anticancer active agent, chlorogenic acid	Materials Science and Engineering C	74		177	185	2017	0928-4931	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008194289&doi=10.1016%2fj.msec.2016.11.114&partnerID=40&md5=540dd6adad0c683e03f71ff9f40cfecb
32	Article	Hashim N., Sharif S.N.M., Hussein M.Z., Isa I.M., Kamari A., Mohamed A., Ali N.M., Bakar S.A., Mamat M.	Layered hydroxide anion exchanger and their applications related to pesticides: a brief review	Materials Research Innovations	21	3	129	145	2017	1432-8917		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981734427&doi=10.1080%2f14328917.2016.1192717&partnerID=40&md5=3b7b87b82630e5481ca89943de2d71bc

33	Article	Barahuie F., Dorniani D., Saifullah B., Gothai S., Hussein M.Z., Pandurangan A.K., Arulselvan P., Norhaizan M.E.	Sustained release of anticancer agent phytic acid from its chitosan-coated magnetic nanoparticles for drug-delivery system	International Journal of Nanomedicine	12		2361	2372	2017	1178-2013	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016407046&doi=10.2147%2fIJN.S126245&partnerID=40&md5=c9ada15ad3eeb1b5a5e6a68b4afa8b93
34	Article	Hassan U.A., Hussein M.Z., Masarudin M.J.	Synthesis of a nanoparticle system for the enhanced accumulation of fluorescently-labelled amino acids encapsulated in monodispersed chitosan nanoparticle system	Malaysian Applied Biology	46	1	171	175	2017	01268643		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017168924&partnerID=40&md5=0939f6b69e52101d33be4d2d8c8e9b6e
35	Article	Musa A., Ahmad M.B., Hussein M.Z., Saiman M.I., Sani H.A.	Preparation, characterization and catalytic activity of biomaterial-supported copper nanoparticles	Research on Chemical Intermediates	43	2	801	815	2017	0922-6168	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983383015&doi=10.1007%2fs11164-016-2665-x&partnerID=40&md5=7f2fce02d188b4022127504ddec3745a
36	Article	Alswata A.A., Ahmad M.B., Al-Hada N.M., Kamari H.M., Hussein M.Z.B., Ibrahim N.A.	Preparation of Zeolite/Zinc Oxide Nanocomposites for toxic metals removal from water	Results in Physics	7		723	731	2017	22113797		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012226004&doi=10.1016%2fj.rinp.2017.01.036&partnerID=40&md5=e19947b677accad1cde9ea8183bc4d3d
37	Article	Wong Y.J., Hassan J., Chen S.K., Ismail I.	Combined effects of thermal treatment and Er-substitution on phase formation, microstructure, and dielectric responses of Bi4Ti3O12 Aurivillius ceramics	Journal of Alloys and Compounds	723		567	579	2017	0925-8388	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021317567&doi=10.1016%2fj.jallcom.2017.06.268&partnerID=40&md5=94900911e28ff563c10c947562c8698b
38	Article	Syazwan M.M., Hashim M., Azis R.S., Ismail I., Kanagesan S., Hapishah A.N.	Enhancing absorption properties of Mg–Ti substituted barium hexaferrite nanocomposite through the addition of MWCNT	Journal of Materials Science: Materials in Electronics	28	12	8429	8436	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015170698&doi=10.1007%2fs10854-017-6561-y&partnerID=40&md5=d810f75adb22e1271bad0e51dfda123a
39	Article	Zaid M.H.M., Matori K.A., Aziz S.H.A., Kamari H.M., Ismail I., Samsudin N.F., Rashid S.S.A.	Enhanced luminescence properties of low-cost Mn2+ doped willemite based glass–ceramics as potential green phosphor materials	Journal of Materials Science: Materials in Electronics			1	8	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018458486&doi=10.1007%2fs10854-017-7045-9&partnerID=40&md5=c11f998bddaf75a8de5808eeb8b435c6

40	Article	Low Z.H., Chen S.K., Ismail I., Tan K.S., Liew J.Y.C.	Structural transformations of mechanically induced top-down approach BaFe12O19 nanoparticles synthesized from high crystallinity bulk materials	Journal of Magnetism and Magnetic Materials	429		192	202	2017	03048853	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009473694&doi=10.1016%2fj.jmmm.2017.01.036&partnerID=40&md5=b24ad350a0bb8b73186be8861a3062d9
41	Article	Lee C.S., Matori K.A., Ab Aziz S.H., Mohamed Kamari H., Ismail I., Mohd Zaid M.H.	Influence of zinc oxide on the physical, structural and optical band gap of zinc silicate glass system from waste rice husk ash	Optik	136		129	135	2017	0030-4026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013016929&doi=10.1016%2fj.ijleo.2017.02.034&partnerID=40&md5=ada6babc18b31aaf7d2d3180f1f2f50f
42	Article	Abdullah H.B., Ramli I., Ismail I., Yusof N.A.	Hydrocarbon sources for the carbon nanotubes production by chemical vapour deposition: A review	Pertanika Journal of Science and Technology	25	2	379	396	2017	01287680		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018436984&partnerID=40&md5=31e5a9dd1ad4a7d9efddca1d44f705b8
43	Article	Saravanan R., Kannan Y.B., Srinivasan N., Ismail I.	Study of Various Site Interactions Using Maximum Entropy Method on Mechanically Alloyed Ni0.5Zn0.5Fe2 O 4 Nanoferrite Particles Sintered from 1100 to 1400 ∘C	Journal of Superconductivity and Novel Magnetism	30	2	407	419	2017	1557-1939	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984810421&doi=10.1007%2fs10948-016-3736-3&partnerID=40&md5=b8f836ef3958873e4bdf87a2385f2b27
44	Article	Kannan Y.B., Saravanan R., Srinivasan N., Ismail I.	Sintering effect on structural, magnetic and optical properties of Ni0.5Zn0.5Fe2O4 ferrite nano particles	Journal of Magnetism and Magnetic Materials	423		217	225	2017	03048853	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988710085&doi=10.1016%2fj.jmmm.2016.09.038&partnerID=40&md5=ba673dc86bcf3fcdab5d6c5f4e809b47
45	Article	Nazlan R., Hashim M., Ismail I., Azis R.S., Hassan J., Abbas Z., Idris F.M., Ibrahim I.R.	Compositional and frequency dependent-magnetic and microwave characteristics of indium substituted yttrium iron garnet	Journal of Materials Science: Materials in Electronics	28	3	3029	3041	2017	09574522	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991726489&doi=10.1007%2fs10854-016-5889-z&partnerID=40&md5=703559fab87a06044cc29cfa95c2811b

46	Article	Abdul Bashid H.A., Lim H.N., Kamaruzaman S., Abdul Rashid S., Yunus R., Huang N.M., Yin C.Y., Rahman M.M., Altarawneh M., Jiang Z.T., Alagarsamy P.	Electrodeposition of Polypyrrole and Reduced Graphene Oxide onto Carbon Bundle Fibre as Electrode for Supercapacitor	Nanoscale Research Letters	12	1			2017	1556-276X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016926949&doi=10.1186%2fs11671-017-2010-3&partnerID=40&md5=1151436109b233eb303f7628924786c0
47	Article	Sadrolhosseini A.R., Naseri M., Rashid S.A.	Polypyrrole-chitosan/nickel-ferrite nanoparticle composite layer for detecting heavy metal ions using surface plasmon resonance technique	Optics and Laser Technology	93		216	223	2017	0030-3992	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015650654&doi=10.1016%2fj.optlastec.2017.03.008&partnerID=40&md5=edd8a1aa44d81c3ec37bfa5384161dc9
48	Article	Habib N.A., Chieng B.W., Mazlan N., Rashid U., Yunus R., Rashid S.A.	Elastomeric nanocomposite based on exfoliated graphene oxide and its characteristics without vulcanization	Journal of Nanomaterials	2017				2017	1687-4110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015814603&doi=10.1155%2f2017%2f8543137&partnerID=40&md5=9096136481c519c784386e0c2204e198
49	Article	Akinfalabi S.-I., Rashid U., Yunus R., Taufiq-Yap Y.H.	Synthesis of biodiesel from palm fatty acid distillate using sulfonated palm seed cake catalyst	Renewable Energy	111		611	619	2017	0960-1481	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018262131&doi=10.1016%2fj.renene.2017.04.056&partnerID=40&md5=8833fe49e5700eed0c507339c20b0d2c
50	Article	Gulzar M., Masjuki H.H., Kalam M.A., Varman M., Zulkifli N.W.M., Mufti R.A., Zahid R., Yunus R.	Dispersion Stability and Tribological Characteristics of TiO2/SiO2 Nanocomposite-Enriched Biobased Lubricant	Tribology Transactions	60	4	670	680	2017	1040-2004	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990230061&doi=10.1080%2f10402004.2016.1202366&partnerID=40&md5=39b493add3a056c88f966ea218c26ddd
51	Article	Jassim L., Yunus R.	Simulation model of nano and conventional drilling fluids performance in horizontal well	Advances and Applications in Fluid Mechanics	20	2	249	277	2017	09734686		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019545621&doi=10.17654%2fFM020020249&partnerID=40&md5=131d1af192f4bd1e174d17999f57849b

52	Article	Ivan-Tan C.T., Islam A., Yunus R., Taufiq-Yap Y.H.	Screening of solid base catalysts on palm oil based biolubricant synthesis	Journal of Cleaner Production	148		441	451	2017	0959-6526	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014827048&doi=10.1016%2fj.jclepro.2017.02.027&partnerID=40&md5=0853d7a520cbdfb3e60b249d612b8515
53	Article	Alias D., Yunus R., Chong G.H., Che Abdullah C.A.	Single step encapsulation process of tamoxifen in biodegradable polymer using supercritical anti-solvent (SAS) process	Powder Technology	309		89	94	2017	0032-5910	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008502110&doi=10.1016%2fj.powtec.2016.12.039&partnerID=40&md5=20d5155e612def0dcae4b8d57d7b4aac
54	Article	Zamani S.A., Yunus R., Samsuri A.W., Salleh M.A.M., Asady B.	Removal of Zinc from Aqueous Solution by Optimized Oil Palm Empty Fruit Bunches Biochar as Low Cost Adsorbent	Bioinorganic Chemistry and Applications	2017				2017	1565-3633		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017130937&doi=10.1155%2f2017%2f7914714&partnerID=40&md5=1aab0dbbdac8204348046933e4a3092a
55	Article	Gulzar M., Masjuki H.H., Alabdulkarem A., Kalam M.A., Varman M., Zulkifli N.W.M., Zahid R., Yunus R.	Chemically active oil filter to develop detergent free bio-based lubrication for diesel engine	Energy	124		413	422	2017	0360-5442	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013766539&doi=10.1016%2fj.energy.2017.02.072&partnerID=40&md5=1a0258178006ed73bf1f6f766630dad5
56	Article	Chieng B.W., Lee S.H., Ibrahim N.A., Then Y.Y., Loo Y.Y.	Isolation and characterization of cellulose nanocrystals from oil palm mesocarp fiber	Polymers	9	8			2017	2073-4360		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027550052&doi=10.3390%2fpolym9080355&partnerID=40&md5=7c0f222a4b5de745fc90fb4e5e79858c
57	Article	Sani H.A., Ahmad M.B., Hussein M.Z., Ibrahim N.A., Musa A., Saleh T.A.	Nanocomposite of ZnO with montmorillonite for removal of lead and copper ions from aqueous solutions	Process Safety and Environmental Protection	109		97	105	2017	0957-5820	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017433081&doi=10.1016%2fj.psep.2017.03.024&partnerID=40&md5=1220d161294aa735d4a1420503fbb2cf
58	Article	Chieng B.W., Ibrahim N.A., Then Y.Y., Loo Y.Y.	Epoxidized jatropha oil as a sustainable plasticizer to poly(lactic Acid)	Polymers	9	6			2017	2073-4360		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020295174&doi=10.3390%2fpolym9060204&partnerID=40&md5=6c72ecf1da707a68a147abb8da0498e4

59	Article	Daud N.A., Chieng B.W., Ibrahim N.A., Talib Z.A., Muhamad E.N., Abidin Z.Z.	Functionalizing graphene oxide with alkylamine by gamma-ray irradiation method	Nanomaterials	7	6			2017	2079-4991		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020415642&doi=10.3390%2fnano7060135&partnerID=40&md5=e9bc92e2e7d3d131ba80d46aadd4cc6e
60	Article	Abdalhadi D.M., Abbas Z., Ahmad A.F., Ibrahim N.A.	Determining the complex permittivity of oil palm empty fruit bunch fibre material by open-ended coaxial probe technique for microwave applications	BioResources	12	2	3976	3991	2017	1930-2126	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018921252&doi=10.15376%2fbiores.12.2.3976-3991&partnerID=40&md5=38727f5aca02464b3065e6f46dfd7867
61	Article	Birnin-yauri A.U., Ibrahim N.A., Zainuddin N., Abdan K., Then Y.Y., Chieng B.W.	Effect of maleic anhydride-modified poly(lactic acid) on the properties of its hybrid fiber biocomposites	Polymers	9	5			2017	2073-4360		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018427829&doi=10.3390%2fpolym9050165&partnerID=40&md5=cea949525eb01d9e00d282aaed71dcf9
62	Article	Quah H.J., Hassan Z., Yam F.K., Ahmed N.M., Mohd Salleh M.A., Matori K.A., Lim W.F.	Effects of ammonia-ambient annealing on physical and electrical characteristics of rare earth CeO2 as passivation film on silicon	Journal of Alloys and Compounds	695		3104	3115	2017	0925-8388	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007473676&doi=10.1016%2fj.jallcom.2016.11.339&partnerID=40&md5=dab8a41d4cb06b290804944ada23c48d
63	Article	Rashed M.K., Abdulbari H.A., Salleh M.A.M., Ismail M.H.S.	Effect of structure height on the drag reduction performance using rotating disk apparatus	Fluid Dynamics Research	49	1			2017	0169-5983	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009219525&doi=10.1088%2f1873-7005%2f49%2f1%2f015507&partnerID=40&md5=51e440ff7bc0a067148a94c7b13ff505
64	Article	Zamani S.A., Yunus R., Samsuri A.W., Salleh M.A.M., Asady B.	Removal of Zinc from Aqueous Solution by Optimized Oil Palm Empty Fruit Bunches Biochar as Low Cost Adsorbent	Bioinorganic Chemistry and Applications	2017				2017	1565-3633		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017130937&doi=10.1155%2f2017%2f7914714&partnerID=40&md5=1aab0dbbdac8204348046933e4a3092a

65	Article	Khalife E., Kazerooni H., Mirsalim M., Roodbar Shojaei T., Mohammadi P., Salleh A.M., Najafi B., Tabatabaei M.	Experimental investigation of low-level water in waste-oil produced biodiesel-diesel fuel blend	Energy	121		331	340	2017	0360-5442	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009397911&doi=10.1016%2fj.energy.2017.01.003&partnerID=40&md5=3ad3479e8ef6ad7915e7990832018895
66	Article	Sabli N., Talib Z.A., Hilal H.S.	Effect of under nitrogen annealing on photo-electrochemical characteristics of films deposited from authentic Cu2SnSe3 sources by thermal vacuum under argon gas condensation	International Journal of Hydrogen Energy	42	14	9003	9010	2017	0360-3199	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969533960&doi=10.1016%2fj.ijhydene.2016.04.155&partnerID=40&md5=c1a125bb69707e5f8f9d8e29c021c777
67	Article	Sobri S., Rahim N.	Inhibitive effect of Cocon Nucifera L. (Coconut pulp) extract on mild steel acid corrosion	Jurnal Teknologi	79	3-May	9	14	2017	01279696		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025124048&doi=10.11113%2fjt.v79.11320&partnerID=40&md5=7351c5eb0898224c463ff495d839ba9d
68	Article	Othman S.H., Hassan N., Talib R.A., Kadir Basha R., Risyon N.P.	Mechanical and thermal properties of PLA/halloysite bio-nanocomposite films: Effect of halloysite nanoclay concentration and addition of glycerol	Journal of Polymer Engineering	37	4	381	389	2017	0334-6447		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018422561&doi=10.1515%2fpolyeng-2016-0062&partnerID=40&md5=d9199c2b5c986c35beaec7a715feccca
69	Article	Shapi'I R.A., Othman S.H., Nazli Naim M., Kadir Basha R.	Effect of ball milling and ultrasonication time on particle size of chitosan for potential nanofiller in food packaging film	Acta Horticulturae	1152		125	130	2017	05677572		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018290402&doi=10.17660%2fActaHortic.2017.1152.17&partnerID=40&md5=140c5574c3fb90a7fabd1e61ffcf7d8b
70	Article	Akinfalabi S.-I., Rashid U., Yunus R., Taufiq-Yap Y.H.	Synthesis of biodiesel from palm fatty acid distillate using sulfonated palm seed cake catalyst	Renewable Energy	111		611	619	2017	0960-1481	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018262131&doi=10.1016%2fj.renene.2017.04.056&partnerID=40&md5=8833fe49e5700eed0c507339c20b0d2c

71	Article	Teo S.H., Rashid U., Thomas Choong S.Y., Taufiq-Yap Y.H.	Heterogeneous calcium-based bimetallic oxide catalyzed transesterification of Elaeis guineensis derived triglycerides for biodiesel production	Energy Conversion and Management	141		20	27	2017	0196-8904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017480333&doi=10.1016%2fj.enconman.2016.03.042&partnerID=40&md5=d69812a07c727d64be796f47517d4c87
72	Article	Ahmad M.S., Mehmood M.A., Ye G., Al-Ayed O.S., Ibrahim M., Rashid U., Luo H., Qadir G., Nehdi I.A.	Thermogravimetric analyses revealed the bioenergy potential of Eulaliopsis binata	Journal of Thermal Analysis and Calorimetry			1	11	2017	1388-6150	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018495783&doi=10.1007%2fs10973-017-6398-x&partnerID=40&md5=336eaebcf14f3b56f58a0fc687461ace
73	Article	Hanif M.A., Nisar S., Rashid U.	Supported solid and heteropoly acid catalysts for production of biodiesel	Catalysis Reviews - Science and Engineering	59	2	165	188	2017	01614940		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020015078&doi=10.1080%2f01614940.2017.1321452&partnerID=40&md5=c8fd81be98e16f84c468ea5572a5db71
74	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			1	7	2017	1877-2641		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016428953&doi=10.1007%2fs12649-017-9892-2&partnerID=40&md5=2d630341f6bdb05c1280bd265c22204d
75	Article	Mumtaz M.W., Hamid A.A., Akhtar M.T., Anwar F., Rashid U., Al-Zuaidy M.H.	An overview of recent developments inmetabolomics and proteomics – phytotherapic research perspectives	Frontiers in Life Science	10	1			2017	2155-3769		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013354752&doi=10.1080%2f21553769.2017.1279573&partnerID=40&md5=b64771a02a2e5380c965c3e61cb0765b
76	Article	Soltani S., Rashid U., Al-Resayes S.I., Nehdi I.A.	Sulfonated mesoporous ZnO catalyst for methyl esters production	Journal of Cleaner Production	144		482	491	2017	0959-6526	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008656053&doi=10.1016%2fj.jclepro.2016.12.128&partnerID=40&md5=5e6af5a7b7c01cab33e0a883a79f1e39

77	Article	Zubair M., Rizwan K., Rashid U., Saeed R., Saeed A.A., Rasool N., Riaz M.	GC/MS profiling, in vitro antioxidant, antimicrobial and haemolytic activities of Smilax macrophylla leaves	Arabian Journal of Chemistry	10		S1460	S1468	2017	1878-5352		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877295658&doi=10.1016%2fj.arabjc.2013.04.024&partnerID=40&md5=df1995ffea00f26aecd882667986df5e
78	Article	Soltani S., Rashid U., Al-Resayes S.I., Nehdi I.A.	Recent progress in synthesis and surface functionalization of mesoporous acidic heterogeneous catalysts for esterification of free fatty acid feedstocks: A review	Energy Conversion and Management	141		183	205	2017	0196-8904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979707832&doi=10.1016%2fj.enconman.2016.07.042&partnerID=40&md5=112e387b35e1782e45e060a97f3490ee
79	Article	Mansir N., Taufiq-Yap Y.H., Rashid U., Lokman I.M.	Investigation of heterogeneous solid acid catalyst performance on low grade feedstocks for biodiesel production: A review	Energy Conversion and Management	141		171	182	2017	0196-8904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997428909&doi=10.1016%2fj.enconman.2016.07.037&partnerID=40&md5=e45a1d42f8c3d0ea5f87df6a3c4f1a78
80	Article	Soltani S., Rashid U., Nehdi I.A., Al-Resayes S.I.	Esterification of Palm Fatty Acid Distillate Using a Sulfonated Mesoporous CuO-ZnO Mixed Metal Oxide Catalyst	Chemical Engineering and Technology					2017	0930-7516	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028941777&doi=10.1002%2fceat.201700138&partnerID=40&md5=222729b5b14389a52d2affd6ed4e6e6f
81	Article	Altaie M.A.H., Janius R.B., Taufiq-Yap Y.H., Rashid U.	Basic properties of methyl palmitate-diesel blends	Fuel	193		1	6	2017	0016-2361	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006918778&doi=10.1016%2fj.fuel.2016.12.031&partnerID=40&md5=84cbeb332632f65012fd651abb944815
82	Article	Al-Jaberi S.H.H., Rashid U., Al-Doghachi F.A.J., Abdulkareem-Alsultan G., Taufiq-Yap Y.H.	Synthesis of MnO-NiO-SO4 −2/ZrO2 solid acid catalyst for methyl ester production from palm fatty acid distillate	Energy Conversion and Management	139		166	174	2017	0196-8904	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014007363&doi=10.1016%2fj.enconman.2017.02.056&partnerID=40&md5=2e44560a13adbc8edd324779bacb801b

83	Article	Soltani S., Rashid U., Nehdi I.A., Al-Resayes S.I., Al-Muhtaseb A.H.	Sulfonated mesoporous zinc aluminate catalyst for biodiesel production from high free fatty acid feedstock using microwave heating system	Journal of the Taiwan Institute of Chemical Engineers	70		219	228	2017	1876-1070	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007332378&doi=10.1016%2fj.jtice.2016.10.054&partnerID=40&md5=20d10a3fcf18e4e927434bc988a2e200
84	Article	Habib N.A., Chieng B.W., Mazlan N., Rashid U., Yunus R., Rashid S.A.	Elastomeric nanocomposite based on exfoliated graphene oxide and its characteristics without vulcanization	Journal of Nanomaterials	2017				2017	1687-4110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015814603&doi=10.1155%2f2017%2f8543137&partnerID=40&md5=9096136481c519c784386e0c2204e198
85	Article	Mehmood M.A., Ibrahim M., Rashid U., Nawaz M., Ali S., Hussain A., Gull M.	Biomass production for bioenergy using marginal lands	Sustainable Production and Consumption	9		3	21	2017	23525509		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011103228&doi=10.1016%2fj.spc.2016.08.003&partnerID=40&md5=265553c31f41413d5b6783282343a8b8
86	Article	Anwar F., Rashid U., Ashraf S., Al-Resayes S.I., Mehmood M.A., Nehdi I.A., Ibrahim M., Hanif M.A.	Biodiesel synthesis from Brassica napus seed oil using statistical optimization approach	Journal of Renewable and Sustainable Energy	9	1			2017	1941-7012	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012898551&doi=10.1063%2f1.4976115&partnerID=40&md5=78334742d4e08d959037a582bbfad8ae
87	Article	Ahmad M.S., Mehmood M.A., Al Ayed O.S., Ye G., Luo H., Ibrahim M., Rashid U., Arbi Nehdi I., Qadir G.	Kinetic analyses and pyrolytic behavior of Para grass (Urochloa mutica) for its bioenergy potential	Bioresource Technology	224		708	713	2017	0960-8524	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006512071&doi=10.1016%2fj.biortech.2016.10.090&partnerID=40&md5=0f057688e72ed0df908cfd8133d1db5f
88	Article	Sidek M.H.M., Azis N., Hasan W.Z.W., Ab Kadir M.Z.A., Shafie S., Radzi M.A.M.	Corrigendum to “Automated positioning dual-axis solar tracking system with precision elevation and azimuth angle control” [Energy 124 (2017) 160–170] (S0360544217301755) (10.1016/j.energy.2017.02.001)	Energy	127		803		2017	0360-5442	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016544871&doi=10.1016%2fj.energy.2017.03.151&partnerID=40&md5=b6c009232c7182013548086ff2c1cade
89	Article	Buda S., Shafie S., Rashid S.A., Jaafar H., Khalifa A.	Response surface modeling of photogenerated charge collection of silver-based plasmonic dye-sensitized solar cell using central composite design experiments	Results in Physics	7		493	497	2017	22113797		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009349849&doi=10.1016%2fj.rinp.2017.01.011&partnerID=40&md5=ff4bd4c398802c81e6a062c21643cde0

90	Article	Sidek M.H.M., Azis N., Hasan W.Z.W., Ab Kadir M.Z.A., Shafie S., Radzi M.A.M.	Automated positioning dual-axis solar tracking system with precision elevation and azimuth angle control	Energy	124		160	170	2017	0360-5442	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013055130&doi=10.1016%2fj.energy.2017.02.001&partnerID=40&md5=f66d5bc9c5ff490d6586aef99aa3e6c
91	Article	TermehYousefi A., Azhari S., Khajeh A., Hamidon M.N., Tanaka H.	Development of haptic based piezoresistive artificial fingertip: Toward efficient tactile sensing systems for humanoids	Materials Science and Engine	77		1098	1103	2017	9284931	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017286687&doi=10.1016%2fj.msec.2017.04.040&partnerID=40&md5=4585edcaa27816a5fb962d5264455952
92	Article	Mansor A., Shamsudin R., Mohd Adzahan N., Hamidon M.N.	Performance of UV Pasteurization with Quartz Glass Sleeve on Physicochemical Properties and Microbial Activity of Pineapple Juice	Journal of Food Process Engin	40	1			2017	0145-8876	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937232423&doi=10.1111%2fjfpe.12263&partnerID=40&md5=436942a1fc2629ae864d1d8aa6442810
93	Article	Kure N., Hamidon M.N., Azhari S., Mamat N.S., Yusoff H.M., Isa B.M., Yunusa Z.	Simple Microwave-Assisted Synthesis of Carbon Nanotubes Using Polyethylene as Carbon Precursor	Journal of Nanomaterials	2017				2017	1687-4110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010425360&doi=10.1155%2f2017%2f2474267&partnerID=40&md5=cf493f81ae60606dc1baa46c6995a311
94	Article	Ruslan N.I., Lim D.C.K., Alang Ahmad S.A., Abdul Aziz S.F.N., Supian F.L., Yusof N.A.	Ultrasensitive electrochemical detection of metal ions using dicarboethoxycalixarene-based sensor	Journal of Electroanalytical Chemistry	799		497	504	2017	1572-6657	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022022269&doi=10.1016%2fj.jelechem.2017.06.038&partnerID=40&md5=f57805c254b4dd615bfeeb3eb65e5de2
95	Article	Nasir S., Hussein M.Z., Yusof N.A., Zainal Z.	Oil palm waste-based precursors as a renewable and economical carbon sources for the preparation of reduced graphene oxide from graphene oxide	Nanomaterials	7	7	1	18	2017	2079-4991		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025687961&doi=10.3390%2fnano7070182&partnerID=40&md5=9022b078e59fc0ae1ba278b22b7a1290
96	Article	Chimezie A.B., Hajian R., Yusof N.A., Woi P.M., Shams N.	Fabrication of reduced graphene oxide-magnetic nanocomposite (rGO-Fe3O4) as an electrochemical sensor for trace determination of As(III) in water resources	Journal of Electroanalytical Chemistry	796		33	42	2017	1572-6657	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019059925&doi=10.1016%2fj.jelechem.2017.04.061&partnerID=40&md5=58a85c852410e828b5506148c452f2a1

97	Article	Sulaman N.C., Yusof N.A., Abdullah J., Hajian R.	A novel base catalyzed esterification reaction for spectrophotometric determination of free fatty acid in crude palm oil	Asian Journal of Chemistry	29	4	723	727	2017	09707077		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011286254&doi=10.14233%2fajchem.2017.20188&partnerID=40&md5=c59a6500e248b0d7bf8a7a286c5a4364
98	Article	Shoub S.A.B., Yusof N.A., Hajian R.	Gold nanoparticles/ionophore-modifed screen-printed electrode for detection of Pb(II) in river water using linear sweep anodic stripping voltammetry	Sensors and Materials	29	5	555	565	2017	0914-4935		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019632403&doi=10.18494%2fSAM.2017.1505&partnerID=40&md5=c76ecc910866823af05e9c9f38e19c2c
99	Article	Talib N.A.A., Salam F., Yusof N.A., Alang Ahmad S.A., Sulaiman Y.	Optimization of peak current of poly(3,4-ethylenedioxythiophene)/multi-walled carbon nanotube using response surface methodology/central composite design	RSC Advances	7	18	11101	11110	2017	2046-2069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013031039&doi=10.1039%2fc6ra26135c&partnerID=40&md5=595aebd01edae9b034ccf96a0fd612ac
100	Article	Mat Zaid M.H., Abdullah J., Yusof N.A., Sulaiman Y., Wasoh H., Md Noh M.F., Issa R.	PNA biosensor based on reduced graphene oxide/water soluble quantum dots for the detection of Mycobacterium tuberculosis	Sensors and Actuators, B: Che	241		1024	1034	2017	09244247		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027926950&doi=10.1016%2fj.snb.2016.10.045&partnerID=40&md5=dd2b8c4bed16882a151d3e21754068da
101	Article	Azri F.A., Sukor R., Hajian R., Yusof N.A., Bakar F.A., Selamat J.	Modification strategy of screen-printed carbon electrode with functionalized multi-walled carbon nanotube and chitosan matrix for biosensor development	Asian Journal of Chemistry	29	1	31	36	2017	09707077		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006106355&doi=10.14233%2fajchem.2017.20104&partnerID=40&md5=33d4a6b0730ce5ef735a5e674365721f
102	Article	Khalaf A.L., Mohamad F.S., Abdul Rahman N., Lim H.N., Paiman S., Yusof N.A., Mahdi M.A., Yaacob M.H.	Room temperature ammonia sensor using side-polished optical fiber coated with graphene/polyaniline nanocomposite	Optical Materials Express	7	6	1858	1870	2017	2159-3930	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019948850&doi=10.1364%2fOME.7.001858&partnerID=40&md5=21b379042947dd1fd2a5154a8017ec7b
103	Article	Husham M., Hamidon M.N., Paiman S., Abuelsamen A.A., Farhat O.F., Al-Dulaimi A.A.	Synthesis of ZnO nanorods by microwave-assisted chemical-bath deposition for highly sensitive self-powered UV detection application	Sensors and Actuators, A: Phy	263		166	173	2017	09244247		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020626642&doi=10.1016%2fj.sna.2017.05.041&partnerID=40&md5=43c48568ba264ae5474244d03f410e31

104	Article	Khalaf A.L., Arasu P.T., Lim H.N., Paiman S., Yusof N.A., Mahdi M.A., Yaacob M.H.	Modified plastic optical fiber with CNT and graphene oxide nanostructured coatings for ethanol liquid sensing	Optics Express	25	5	5509	5520	2017	1094-4087	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015756881&doi=10.1364%2fOE.25.005509&partnerID=40&md5=277e35251800b05dd1cf8141eba26e59
105	Article	Abdul Bashid H.A., Lim H.N., Kamaruzaman S., Abdul Rashid S., Yunus R., Huang N.M., Yin C.Y., Rahman M.M., Altarawneh M., Jiang Z.T., Alagarsamy P.	Electrodeposition of Polypyrrole and Reduced Graphene Oxide onto Carbon Bundle Fibre as Electrode for Supercapacitor	Nanoscale Research Letters	12	1			2017	1556-276X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016926949&doi=10.1186%2fs11671-017-2010-3&partnerID=40&md5=1151436109b233eb303f7628924786c0
106	Article	Chiam S.L., Lim H.N., Foo C.Y., Pandikumar A., Huang N.M.	How Did Nickel Cobaltite Reinforced Carbon Microfibre Symmetrical Supercapacitor Fare Against A Commercial Supercapacitor?	Electrochimica Acta	246		1141	1146	2017	0013-4686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021697869&doi=10.1016%2fj.electacta.2017.06.132&partnerID=40&md5=970fde16b931f77cf940cecfc5ecbcaa
107	Article	Chee W.K., Lim H.N., Zainal Z., Harrison I., Andou Y., Huang N.M., Altarawneh M., Jiang Z.T.	Electrospun graphene nanoplatelets-reinforced carbon nanofibers as potential supercapacitor electrode	Materials Letters	199		200	203	2017	0167-577X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018530293&doi=10.1016%2fj.matlet.2017.04.086&partnerID=40&md5=2a839258a8de1042b72baddadded9e02
108	Article	Chee W.K., Lim H.N., Andou Y., Zainal Z., Hamra A.A.B., Harrison I., Altarawneh M., Jiang Z.T., Huang N.M.	Functionalized graphene oxide-reinforced electrospun carbon nanofibers as ultrathin supercapacitor electrode	Journal of Energy Chemistry	26	4	790	798	2017	2095-4956		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019575067&doi=10.1016%2fj.jechem.2017.04.007&partnerID=40&md5=3dbdc6cc19e53d85737c99ed05a57168
109	Article	Lau S.C., Lim H.N., Ravoof T.B.S.A., Yaacob M.H., Grant D.M., MacKenzie R.C.I., Harrison I., Huang N.M.	A three-electrode integrated photo-supercapacitor utilizing graphene-based intermediate bifunctional electrode	Electrochimica Acta	238		178	184	2017	0013-4686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017530269&doi=10.1016%2fj.electacta.2017.04.003&partnerID=40&md5=935a175621e99f19f8e9e5c41ed4904c

110	Article	Ayal A.K., Zainal Z., Lim H.-N., Talib Z.A., Lim Y.-C., Chang S.-K., Holi A.M.	Photocurrent enhancement of heat treated CdSe-sensitized titania nanotube photoelectrode	Optical and Quantum Electron	49	4			2017	0306-8919	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016304921&doi=10.1007%2fs11082-017-0985-8&partnerID=40&md5=73a3d86512d3f106a433e62a84d174b4
111	Article	Holi A.M., Zainal Z., Talib Z.A., Lim H.-N., Yap C.-C., Chang S.-K., Ayal A.K.	Enhanced photoelectrochemical performance of ZnO nanorod arrays decorated with CdS shell and Ag2S quantum dots	Superlattices and Microstruct	103		295	303	2017	0749-6036	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012106616&doi=10.1016%2fj.spmi.2017.01.035&partnerID=40&md5=aadbd1df1d8f257b7c586da8a2cee835
112	Article	Ng C.H., Lim H.N., Hayase S., Zainal Z., Shafie S., Huang N.M.	Capacitive Performance of Graphene-based Asymmetric Supercapacitor	Electrochimica Acta	229		173	182	2017	0013-4686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010843619&doi=10.1016%2fj.electacta.2017.01.139&partnerID=40&md5=5b3f55e1bb633955b473a1e4980ce931
113	Article	Widjaja H., Oluwoye I., Altarawneh M., Hamra A.A.B., Lim H.N., Huang N.M., Yin C.-Y., Jiang Z.-T.	Phenol dissociation on pristine and defective graphene	Surface Science	657		10	14	2017	0039-6028	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996963914&doi=10.1016%2fj.susc.2016.10.010&partnerID=40&md5=7f85c9e9de40142492151e746e15072e
114	Article	Ban F.Y., Jayabal S., Lim H.N., Lee H.W., Huang N.M.	Synthesis of nitrogen-doped reduced graphene oxide-multiwalled carbon nanotube composite on nickel foam as electrode for high-performance supercapacitor	Ceramics International	43	1	20	27	2017	0272-8842	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992195221&doi=10.1016%2fj.ceramint.2016.07.087&partnerID=40&md5=b2bdbf6115228795fc8dc826009b2f54
115	Article	Chee W.K., Lim H.N., Zainal Z., Harrison I., Huang N.M., Andou Y., Chong K.F., Pandikumar A.	Electrospun nanofiber membranes as ultrathin flexible supercapacitors	RSC Advances	7	20	12033	12040	2017	2046-2069	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013436544&doi=10.1039%2fc7ra00406k&partnerID=40&md5=788fbab22f56e1e1bd9530bda9bf403b

116	Article	Nordin N., Yusof N.A., Abdullah J., Radu S., Hushiarian R.	A simple, portable, electrochemical biosensor to screen shellfish for Vibrio parahaemolyticus	AMB Express	7	1			2017	2191-0855		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013102459&doi=10.1186%2fs13568-017-0339-8&partnerID=40&md5=450e7c7632ef8683634a86c92008fced
117	Article	Birma Bwatanglang I., Mohammad F., Yusof N.A., Elyani Mohammed N., Abu N., Alitheen N.B., Abdullah J., Zubir Hussein M., Abba Y., Nordin N., Rizi Zamberi N.	Histological analysis of anti-cancer drug loaded, targeted Mn:ZnS quantum dots in metastatic lesions of 4T1 challenged mice	Journal of Materials Science: Materials in Medicine	28	9			2017	09574530		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027021798&doi=10.1007%2fs10856-017-5949-9&partnerID=40&md5=dc0dd89b6d596bb99f0a295377628b63
118	Article	Tukimin N., Abdullah J., Sulaiman Y.	Development of a PrGo-modified electrode for uric acid determination in the presence of ascorbic acid by an electrochemical technique	Sensors (Switzerland)	17	7			2017	1424-8220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021680863&doi=10.3390%2fs17071539&partnerID=40&md5=4e037144dddb2de00a54bbe7d6954a9d
119	Article	Akanbi F.S., Yusof N.A., Abdullah J., Sulaiman Y., Hushiarian R.	Detection of quinoline in g. Boninense-infected plants using functionalized multi-walled carbon nanotubes: A field study	Sensors (Switzerland)	17	7			2017	1424-8220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021680064&doi=10.3390%2fs17071538&partnerID=40&md5=72641a3dc0ec58918aa283649650d721
120	Article	Rahman S.A., Ariffin N., Yusof N.A., Abdullah J., Mohammad F., Zubir Z.A., Aziz N.M.A.N.A.	Thiolate-capped CdSe/ZnS core-shell quantum dots for the sensitive detection of glucose	Sensors (Switzerland)	17	7			2017	1424-8220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021644654&doi=10.3390%2fs17071537&partnerID=40&md5=6a8d68e7e52fe470a9ed39cd89a2e635
121	Article	Mohd T.A.T., Hassan M.K., Aris I., Azura C.S., Ibrahim B.S.K.K.	Application of fuzzy logic in multi-mode driving for a battery electric vehicle energy management	International Journal on Advanced Science, Engineering and Information Technology	7	1	284	290	2017	20885334		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013971055&doi=10.18517%2fijaseit.7.1.1960&partnerID=40&md5=70fb93fccaa778b602d5bd991d9a87e4
122	Article	Zainudin A.A., Fen Y.W., Yusof N.A., Omar N.A.S.	Structural, optical and sensing properties of ionophore doped graphene based bionanocomposite thin film	Optik	144		308	315	2017	0030-4026	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022026848&doi=10.1016%2fj.ijleo.2017.07.001&partnerID=40&md5=787e2a1f48aa125eba909a22a40790c9

123	Article	Zubair N.A., Rahman N.A., Lim H.N., Sulaiman Y.	Production of Conductive PEDOT-Coated PVA-GO Composite Nanofibers	Nanoscale Research Letters	12	1			2017	1556-276X	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013001600&doi=10.1186%2fs11671-017-1888-0&partnerID=40&md5=7a84082ad13a413d86fdd7509167c62e
124	Article	Fartas F.M., Abdullah J., Yusof N.A., Sulaiman Y., Saiman M.I.	Biosensor based on tyrosinase immobilized on graphene-decorated gold nanoparticle/chitosan for phenolic detection in aqueous	Sensors (Switzerland)	17	5			2017	1424-8220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019649086&doi=10.3390%2fs17051132&partnerID=40&md5=d6ec48a0ee9387b3e51bbb289340fc0c
125	Article	Mohd Abdah M.A.A., Zubair N.A., Azman N.H.N., Sulaiman Y.	Fabrication of PEDOT coated PVA-GO nanofiber for supercapacitor	Materials Chemistry and Phys	192		161	169	2017	0254-0584	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014789630&doi=10.1016%2fj.matchemphys.2017.01.058&partnerID=40&md5=c115df7ddf01cea239b2bd3fac24dbde
126	Article	Ismail A.H., Abdullah A.H., Sulaiman Y.	Physical and electrochemical properties of ZnO films fabricated from highly cathodic electrodeposition potentials	Superlattices and Microstruct	103		171	179	2017	0749-6036	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012266332&doi=10.1016%2fj.spmi.2017.01.028&partnerID=40&md5=88a71c71c83f0ce887f69bbf4308d4fc
127	Article	Ramli N.I.T., Rashid S.A., Mamat M.S., Sulaiman Y., Zobir S.A., Krishnan S.	Incorporation of Zinc Oxide into Carbon nanotube/Graphite nanofiber as high performance supercapacitor electrode	Electrochimica Acta	228		259	267	2017	0013-4686	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009986766&doi=10.1016%2fj.electacta.2017.01.068&partnerID=40&md5=7ca3e1e8c07a3947bdadcd0a5356f335
128	Article	Talib N.A.A., Salam F., Yusof N.A., Alang Ahmad S.A., Sulaiman Y.	Modeling and optimization of electrode modified with poly(3,4-ethylenedioxythiophene)/graphene oxide composite by response surface methodology/Box-Behnken design approach	Journal of Electroanalytical Chemistry	787		1	10	2017	1572-6657	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010204594&doi=10.1016%2fj.jelechem.2017.01.032&partnerID=40&md5=269a8d65a8e178759a58a335edda272b

129	Article	Muhammad N., Abdullah J., Sulaiman Y., Ngee L.H.	Electrochemical determination of 3-nitrophenol with a reduced graphene oxide modified screen printed carbon electrode	Sensor Letters	15	2	187	195	2017	1546198X		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018465687&doi=10.1166%2fsl.2017.3785&partnerID=40&md5=5185569a9a8ba8fb6ab0bf9418537f53
130	Article	Abidin S.N.J.S.Z., Azman N.H.N., Kulandaivalu S., Sulaiman Y.	Poly(3,4-ethylenedioxythiophene) Doped with Carbon Materials for High-Performance Supercapacitor: A Comparison Study	Journal of Nanomaterials	2017				2017	1687-4110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016574031&doi=10.1155%2f2017%2f5798614&partnerID=40&md5=d89c8fcae6542e84ead426c6f6ee13d8
131	Article	Sadrolhosseini A.R., Naseri M., Rashid S.A.	Polypyrrole-chitosan/nickel-ferrite nanoparticle composite layer for detecting heavy metal ions using surface plasmon resonance technique	Optics and Laser Technology	93		216	223	2017	0030-3992	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015650654&doi=10.1016%2fj.optlastec.2017.03.008&partnerID=40&md5=edd8a1aa44d81c3ec37bfa5384161dc9
132	Article	Sadrolhosseini A.R., Abdul Rashid S., Zakaria A.	Synthesis of gold nanoparticles dispersed in palm oil using laser ablation technique	Journal of Nanomaterials	2017				2017	1687-4110	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018828934&doi=10.1155%2f2017%2f6496399&partnerID=40&md5=5fed9afe555226cb4bf8b643555476ab
133	Article	Misron N., Aliteh N.A., Harun N.H., Tashiro K., Sato T., Wakiwaka H.	Relative estimation of water content for flat-type inductive-based oil palm fruit maturity sensor	Sensors (Switzerland)	17	1			2017	1424-8220	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007574614&doi=10.3390%2fs17010052&partnerID=40&md5=3a6bff0fb2e7261c476a2952fa1da86e

134	Article	Chee Sun Lee, Khamirul Amin Matori, Sidek Hj Ab Aziz, Halimah Mohamed Kamari, Ismayadi Ismail, Mohd Hafiz Mohd Zaid	Fabrication and characterization of glass and glass-ceramic from rice husk ash as a potent material for opto-electronic applications	Journal of Materials Science: Materials in Electronics	28	23	17611	17621	2017	09574522	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-85027997232&origin=resultslist&sort=plf-f&src=s&st1=Fabrication+and+characterization+of+glass+and+glass-ceramic+from+rice+husk+ash+as+a+potent+material+for+opto-electronic+applications&st2=&sid=c9d8839628c40ee27b7d4e3a499956b4f&sot=b&sdt=b&sl=147&s=TITLE-ABS-KEY%28Fabrication+and+characterization+of+glass+and+glass-ceramic+from+rice+husk+ash+as+a+potent+material+for+opto-electronic+applications%29&relpos=0&citeCnt=0&searchTerm=
135	Article	YJ Wong, J Hassan, SK Chen, I Ismail	Combined effects of thermal treatment and Er-substitution on phase formation, microstructure, and dielectric responses of Bi4Ti3O12 Aurivillius ceramics	Journal of Alloys and Compounds	723		567	579	2017	0925-8388	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-85021317567&origin=resultslist&sort=plf-f&src=s&sid=39509792f5d34fcbeaa6f8fcb27434a2&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2855123311400%29&relpos=1&citeCnt=1&searchTerm=
136	Article	Kannan, Y.B., Saravanan, R.b, Srinivasan, N.c, Ismail, I.d	Effect of sintering on dielectric and AC conductivity properties of Ni0.5Zn0.5Fe2O4nano ferrite particles	Journal of the Australian Ceramic Society	53	2	577	581	2017	2510-1560		https://www.scopus.com/record/display.uri?eid=2-s2.0-85029576744&origin=resultslist&sort=plf-f&src=s&sid=39509792f5d34fcbeaa6f8fcb27434a2&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2855123311400%29&relpos=2&citeCnt=0&searchTerm=

137	Article	Zaid, M.H.M., Matori, K.A., Aziz, S.H.A., Kamari, H.M. Ismail, I. Samsudin, N.F. Rashid, S.S.A.b	Enhanced luminescence properties of low-cost Mn2+doped willemite based glass–ceramics as potential green phosphor materials	Journal of Materials Science: Materials in Electronics	28	16	12282	12289	2017	09574522	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-85018458486&origin=resultslist&sort=plf-f&src=s&sid=39509792f5d34fcbeaa6f8fcb27434a2&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2855123311400%29&relpos=3&citeCnt=0&searchTerm=
138	Article	Danish, M.aEmail Author, Mumtaz, M.W.a, Fakhar, M.a, Rashid, U.	Response surface methodology based optimized purification of the residual glycerol from biodiesel production process	Chiang Mai Journal of Science	44	4	1570	1582	2017	01252526		https://www.scopus.com/record/display.uri?eid=2-s2.0-85030673861&origin=resultslist&sort=plf-f&src=s&sid=0d405f31c0242b19ef30e8df02c405e4&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2816031556400%29&relpos=6&citeCnt=0&searchTerm=
139	Article	Hussein-Al-Ali, S.H.ab, Al-Qubaisi, M.c, Rasedee, A.cd, Hussein, M.Z.e View Correspondence (jump link)	Evaluation of the cytotoxic effect of ellagic acid nanocomposite in lung Cancer A549 cell line and RAW 264.9 Cells	Journal of Bionanoscience	11	6	578	583	2017	15577910		https://www.scopus.com/record/display.uri?eid=2-s2.0-85037690627&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=1&citeCnt=0&searchTerm=
140	Article	Bahadoran, A.ab, Ebrahimi, M.c, Yeap, S.K.a, Safi, N.a, Moeini, H.d, Hair-Bejo, M.ae, Hussein, M.Z.f, Omar, A.R.	Induction of a robust immune response against avian influenza virus following transdermal inoculation with H5-DNA vaccine formulated in modified dendrimer-based delivery system in mouse model	International Journal of Nanomedicine	12	30-Nov-17	8573	8585	2017	1178-2013	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-85037734917&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=2&citeCnt=0&searchTerm=

141	Article	Jacob, P.J., Masarudin, M.J., Hussein, M.Z., Rahim, R.A.	Facile aerobic construction of iron based ferromagnetic nanostructures by a novel microbial nanofactory isolated from tropical freshwater wetlands	Microbial Cell Factories	16	1			2017	1475-2859	Q2	https://www.scopus.com/record/display.uri?eid=2-s2.0-85030862448&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=3&citeCnt=0&searchTerm=
142	Article	Saifullah, B., Chrzastek, A., Maitra, A. Author, Naeemullah, B., Fakurazi, S., Bhakta, S., Hussein, M.Z.	Novel anti-tuberculosis nanodelivery formulation of ethambutol with graphene oxide	Molecules	22	10			2017	1420-3049	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-85032646366&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=4&citeCnt=1&searchTerm=
143	Article	Hashim, N., Muda, Z., Sharif, S.N.M., Isa, I.M., Ali, N.M., Ghazuli, M.R.b, Hussein, M.Z.	Preparation of zinc layered hydroxide–chloroacetate nanohybrid using direct reaction method	Materials Research Innovations	21	6	396	400	2017	14328917		https://www.scopus.com/record/display.uri?eid=2-s2.0-85003845012&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=6&citeCnt=0&searchTerm=
144	Article	Usman, M.S., Hussein, M.Z., Fakurazi, S., Masarudin, M.J., Saad, F.F.A.	Gadolinium-doped gallic acid-zinc/aluminium-layered double hydroxide/gold theranostic nanoparticles for a bimodal magnetic resonance imaging and drug delivery system	Nanomaterials	7	9			2017	20794991		https://www.scopus.com/record/display.uri?eid=2-s2.0-85028699633&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=7&citeCnt=0&searchTerm=

145	Article	Alswat, A.A., Ahmad, M.B., Hussein, M.Z., Ibrahim, N.A., Saleh, T.A.	Copper oxide nanoparticles-loaded zeolite and its characteristics and antibacterial activities	Journal of Materials Science and Technology	33	8	889	886	2017	1005-0302	Q2	https://www.scopus.com/record/display.uri?eid=2-s2.0-85016796194&origin=resultslist&sort=plf-f&src=s&sid=0300d1dfc2d0c4dbf3d9ceec9e6aa134&sot=autdocs&sdt=autdocs&sl=17&s=AU-ID%287201898729%29&relpos=8&citeCnt=1&searchTerm=
146	Article	Ojo-Kupoluyi, O.J.a, Tahir, S.M.aEmail Author, Ariff, A.H.M.a, Baharudin, B.T.H.T.a, Matori, K.A.bc, Anuar, M.S.d	Densification rate and interfacial adhesion of bilayer cemented tungsten carbide and steel	International Journal of Materials Research	108	12	1090	1098	2017	1862-5282	Q2	https://www.scopus.com/record/display.uri?eid=2-s2.0-85039044589&origin=resultslist&sort=plf-f&src=s&sid=58adca9de3952def5a69e5bf85f95516&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836069355900%29&relpos=2&citeCnt=0&searchTerm=