

No	Article Title	Authors	ISSN	Journal Name	Year	Vol.	Issue	Start Page	End Page	Impact Factor	Quartile
1	Synergic effect of tungstophosphoric acid and sonication for rapid synthesis of crystalline nanocellulose.	Abd Hamid, S. B., Zain, S. K., Das, R., & Centi, G.	0144-8617	Carbohydrate Polymers	2016	138		349	355	4.074	Q1
2	Efficient Solar-Induced Photoelectrochemical Response Using Coupling Semiconductor TiO ₂ -ZnO Nanorod Film.	Abd Samad, N. A., Lai, C. W., Lau, K. S., & Abd Hamid, S. B.	1996-1944	Materials	2016	9	11			2.651	Q1
3	A new route for the synthesis of La-Ca oxide supported on nano activated carbon via vacuum impregnation method for one pot esterification-transesterification reaction.	Abdulkareem-Alsultan, G., Asikin-Mijan, N., Lee, H. V., & Taufiq-Yap, Y. H.	1385-8947	Chemical Engineering Journal	2016	304		61	71	4.321	Q1
4	Ionic Liquid-Carbon Nanomaterial Hybrids for Electrochemical Sensor Applications: a Review.	Abo-Hamad, A., AlSaadi, M. A., Hayyan, M., Juneidi, I., & Hashim, M. A.	0013-4686	Electrochimica Acta	2016	193		321	343	4.504	Q1
5	Functionalization of CNTs surface with phosphonium based deep eutectic solvents for arsenic removal from water.	Alomar, M. K., Alsaadi, M. A., Hayyan, M., Akib, S., & Hashim, M. A.	0169-4332	Applied Surface Science	2016	389		216	226	2.711	Q1
6	Hydrodeoxygenation of dibenzofuran to bicyclic hydrocarbons using bimetallic Cu-Ni catalysts supported on metal oxides.	Ambursa, M. M., Ali, T. H., Voon, L. H., Sudarsanam, P., Bhargava, S. K., & Abd Hamid, S. B.	0016-2361	Fuel	2016	180		767	776	3.520	Q1
7	Enhanced DSSCs efficiency via Cooperate co-absorbance (CdS QDs) and plasmonic core-shell nanoparticle (Ag@PVP).	Amiri, O., Salavati-Niasari, M., Bagheri, S., & Yousefi, A. T.	2045-2322	Scientific Reports	2016	6				5.578	Q1
8	Waste clamshell-derived CaO supported Co and W catalysts for renewable fuels production via cracking-deoxygenation of triolein.	Asikin-Mijan, N., Lee, H. V., Juan, J. C., Noorsaadah, A. R., Abdulkareem-Alsultan, G., Arumugam, M., & Taufiq-Yap, Y. H.	0165-2370	Journal of Analytical and Applied Pyrolysis	2016	120		110	120	3.564	Q1
9	Pyrolytic-deoxygenation of triglyceride via natural waste shell derived Ca(OH) ₂ nanocatalyst.	Asikin-Mijan, N., Lee, H. V., Taufiq-Yap, Y. H., Juan, J. C., & Rahman, N. A.	0165-2370	Journal of Analytical and Applied Pyrolysis	2016	117		46	55	3.564	Q1

10	Lab-on-a-Chip-Based PCR-RFLP Assay for the Detection of Malayan Box Turtle (<i>Cuora amboinensis</i>) in the Food Chain and Traditional Chinese Medicines.	Asing, Ali, M. E., Abd Hamid, S. B., Hossein, M. A. M., Mustafa, S., Kader, M. A., & Zaidul, I. S. M.	1932-6203	PLoS One	2016	11	10			3.234	Q1
11	Progress on implantable biofuel cell: Nano-carbon functionalization for enzyme immobilization enhancement.	Babadi, A. A., Bagheri, S., & Hamid, S. B. A.	0956-5663	Biosensors & Bioelectronics	2016	79		850	860	6.409	Q1
12	Cultivation in wastewaters for energy: A microalgae platform.	Cheah, W. Y., Ling, T. C., Show, P. L., Juan, J. C., Chang, J. S., & Lee, D. J.	0306-2619	Applied Energy	2016	179		609	625	5.613	Q1
13	Biorefineries of carbon dioxide: From carbon capture and storage (CCS) to bioenergies production.	Cheah, W.Y., Ling, T.C., Juan, J.C., Lee, D.J., Chang, J.S. and Show, P.L.	0960-8524	Bioresource Technology	2016	215		346	356	4.494	Q1
14	A Response Surface Methodology Study: Effects of Trivalent Cr ³⁺ Metal Ion-Catalyzed Hydrolysis on Nanocellulose Crystallinity and Yield.	Chen, Y. W., Lee, H. V., & Abd Hamid, S. B.	1930-2126	BioResources	2016	11	2	4645	4662	1.425	Q1
15	Preparation of Nanostructured Cellulose via Cr(III)- and Mn(II)-Transition Metal Salt Catalyzed Acid Hydrolysis Approach.	Chen, Y. W., Lee, H. V., & Abd Hamid, S. B.	1930-2126	BioResources	2016	11	3	7224	7241	1.425	Q1
16	Production of new cellulose nanomaterial from red algae marine biomass <i>Gelidium elegans</i> .	Chen, Y. W., Lee, H. V., Juan, J. C., & Phang, S.-M.	0144-8617	Carbohydrate Polymers	2016	151		1210	1219	4.074	Q1
17	Controllable Electrochemical Synthesis of Reduced Graphene Oxide Thin-Film Constructed as Efficient Photoanode in Dye-Sensitized Solar Cells.	Chong, S. W., Lai, C. W., & Abd Hamid, S. B.	1996-1944	Materials	2016	9	2			2.651	Q1
18	Efficient enzyme-catalysed transesterification of microalgal biomass from <i>Chlamydomonas</i> sp.	Choong, W. P., Tan, C. H., Show, P. L., Lam, H. L., Annuar, M. S. B., Juan, J. C., Chang, J. S., & Ling, T. C.	0360-5442	Energy	2016	116		1370	1373	4.844	Q1
19	Preparation and Characterization of Nanocrystalline Cellulose using Ultrasonication Combined with a Microwave-assisted Pretreatment Process.	Chowdhury, Z. Z., & Abd Hamid, S. B.	1930-2126	BioResources	2016	11	2	3397	3415	1.425	Q1

20	Influence of Carbonization Temperature on Physicochemical Properties of Biochar derived from Slow Pyrolysis of Durian Wood (<i>Durio zibethinus</i>) Sawdust.	Chowdhury, Z. Z., Karim, M. Z., Ashraf, M. A., & Khalid, K.	1930-2126	BioResources	2016	11	2	3356	3372	1.425	Q1
21	Application of Graphitic Bio-Carbon using Two-Level Factorial Design for Microwave-assisted Carbonization.	Chowdhury, Z. Z., Yehye, W. A., Julkapli, N. M., Al Saadi, M. A. H., & Atieh, M. A.	1930-2126	BioResources	2016	11	2	3637	3659	1.425	Q1
22	A novel sequential process for remediating rare-earth wastewater.	Cui, M., Jang, M., Kang, K., Kim, D., Snyder, S. A., & Khim, J.	0045-6535	Chemosphere	2016	144		2081	2090	3.340	Q1
23	Highly Efficient and Stable Novel NanoBiohybrid Catalyst to Avert 3,4-Dihydroxybenzoic Acid Pollutant in Water.	Das, R., Abd Hamid, S. B., & Annuar, M. S. M.	2045-2322	Scientific Reports	2016	6				5.578	Q1
24	Physical and electrical characteristics of NiFe thin films using ultrasonic assisted pulse electrodeposition.	Deepthi, K. A., Balachandran, R., Ong, B. H., Tan, K. B., Wong, H. Y., Yow, H. K., & Srimala, S.	0169-4332	Applied Surface Science	2016	360		519	524	2.711	Q1
25	Selective and Stable Ethylbenzene Dehydrogenation to Styrene over Nanodiamonds under Oxygen-lean Conditions.	Diao, J. Y., Feng, Z. B., Huang, R., Liu, H. Y., Abd Hamid, S. B., & Su, D. S.	1864-5631	ChemSusChem	2016	9	7	662	666	7.657	Q1
26	Electrochemical determination of aspirin and caffeine at MWCNTs-poly-4-vinylpyridine composite modified electrode.	Ghadimi, H., Tehrani, R. M. A., Basirun, W. J., Ab Aziz, N. J., Mohamed, N., & Ab Ghani, S.	1876-1070	Journal of the Taiwan Institute of Chemical Engineers	2016	65		101	109	3.000	Q1
27	Environmental modification of self-assembled plasmonic core-shell cluster (silica-gold nanoparticles) for surface enhanced Raman scattering (SERS).	Ghazali, N., & Johan, M. R.	2159-3930	Optical Materials Express	2016	6	6	1935	1941	2.844	Q1
28	Novel chemical synthesis and characterization of copper pyrovanadate nanoparticles and its influence on the flame retardancy of polymeric nanocomposites.	Ghiyasiyan-Arani, M., Masjedi-Arani, M., Ghanbari, D., Bagheri, S., & Salavati-Niasari, M.	2045-2322	Scientific Reports	2016	6				5.578	Q1
29	Hydrothermal preparation of silver telluride nanostructures and photo-catalytic investigation in degradation of toxic dyes.	Gholamrezaei, S., Salavati-Niasari, M., Ghanbari, D., & Bagheri, S.	2045-2322	Scientific Reports	2016	6				5.578	Q1

30	Biosynthesis and characterization of silver nanoparticles prepared from two novel natural precursors by facile thermal decomposition methods.	Goudarzi, M., Mir, N., Mousavi-Kamazani, M., Bagheri, S., & Salavati-Niasari, M.	2045-2322	Scientific Reports	2016	6					5.578	Q1
31	Highly Selective Hydrogenation of Biomass-Derived Furfural into Furfuryl Alcohol Using a Novel Magnetic Nanoparticles Catalyst.	Halilu, A., Ali, T. H., Atta, A. Y., Sudarsanam, P., Bhargava, S. K., & Abd Hamid, S. B.	0887-0624	Energy & Fuels	2016	30	3	2216	2226		2.790	Q1
32	Catalytic Isolation and Physicochemical Properties of Nanocrystalline Cellulose (NCC) using HCl-FeCl ₃ System Combined with Ultrasonication.	Hamid, S. B. A., Chowdhury, Z. Z., Karim, M. Z., & Ali, M. E.	1930-2126	BioResources	2016	11	2	3840	3855		1.425	Q1
33	Tunable optical properties of Mn-doped CdSe quantum dots synthesized via inverse micelle technique.	Hamizi, N. A., Aplop, F., Haw, H. Y., Sabri, A. N., Wern, A. Y. Y., Shapril, N. N., & Johan, M. R.	2159-3930	Optical Materials Express	2016	6	9	2915	2924		2.844	Q1
34	Reusing pulp and paper mill effluent as a bioresource to produce biohydrogen through ultrasonicated Rhodobacter sphaeroides.	Hay, J. X. W., Wu, T. Y., Ng, B. J., Juan, J. C., & Jahim, J. M.	0196-8904	Energy Conversion and Management	2016	113		273	280		4.380	Q1
35	Double Gene Targeting Multiplex Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Assay Discriminates Beef, Buffalo, and Pork Substitution in Frankfurter Products.	Hossain, M. A. M., Ali, M. E., Abd Hamid, S. B., Asing, Mustafa, S., Desa, M. N. M., & Zaidul, I. S. M.	0021-8561	Journal of Agricultural and Food Chemistry	2016	64	32	6343	6354		2.912	Q1
36	Controlled acid catalyzed sol gel for the synthesis of highly active TiO ₂ -chitosan nanocomposite and its corresponding photocatalytic activity.	Afzal, S., Samsudin, E. M., Julkapli, N. M., & Abd Hamid, S. B.	0944-1344	Environmental Science and Pollution Research	2016	23	22	23158	13168		2.828	Q1
37	Amalgamation based optical and colorimetric sensing of mercury(II) ions with silver@graphene oxide nanocomposite materials.	Kamali, K. Z., Pandikumar, A., Jayabal, S., Ramaraj, R., Lim, H. N., Ong, B. H., Bien, C. S. D., Kee, Y. Y., & Huang, N. M.	0026-3672	Microchimica Acta	2016	183	1	369	377		3.741	Q1
38	Graphene-Gold Nanoparticles Hybrid-Synthesis, Functionalization, and Application in a Electrochemical and Surface-Enhanced Raman Scattering Biosensor.	Khalil, I., Julkapli, N. M., Yehye, W. A., Basirun, W. J., & Bhargava, S. K.	1996-1944	Materials	2016	9	6				2.651	Q1

39	Recent developments of zinc oxide based photocatalyst in water treatment technology: A review.	Lee, K. M., Lai, C. W., Ngai, K. S., & Juan, J. C.	0043-1354	Water Research	2016	88		428	448	5.528	Q1
40	Modification of gelatin-DNA interaction for optimised DNA extraction from gelatin and gelatin capsule.	Mohamad, N. A., Mustafa, S., El Sheikha, A. F., Mokhtar, N. F. K., Ismail, A., & Ali, M. E.	0022-5142	Journal of the Science of Food and Agriculture	2016	96	7	2344	2351	1.714	Q1
41	ZnCr2O4 Nanoparticles: Facile Synthesis, Characterization, and Photocatalytic Properties.	Mousavi, Z., Soofivand, F., Esmaili-Zare, M., Salavati-Niasari, M., & Bagheri, S.	2045-2322	Scientific Reports	2016	6				5.578	Q1
42	Antioxidant Properties and Gastroprotective Effects of 2-(Ethylthio)Benzohydrazones on Ethanol-Induced Acute Gastric Mucosal Lesions in Rats.	Nazarbahjat, N., Kadir, F.A., Ariffin, A., Abdulla, M.A., Abdullah, Z. and Yehye, W.A.	1932-6203	PLoS One	2016	11	6			3.234	Q1
43	Enhancement of thermal conductivity and kinematic viscosity in magnetically controllable maghemite (γ -Fe ₂ O ₃) nanofluids.	Nurdin, I., Yaacob, II and Johan, M.R.	0894-1777	Experimental Thermal and Fluid Science	2016	77		265	271	1.990	Q1
44	Poly(amidoxime) from Polymer-Grafted Khaya Cellulose: An Excellent Medium for the Removal of Transition Metal Cations from Aqueous Solution.	Rahman, M. L., Sarkar, S. M., Yusoff, M. M., Kulkarni, A. K. D., Chowdhury, Z. Z., & Ali, M. E.	1930-2126	BioResources	2016	11	3	6780	6800	1.425	Q1
45	Identification of meat origin in food products-A review.	Rahmati, S., Julkapli, N. M., Yehye, W. A., & Basirun, W. J.	0956-7135	Food Control	2016	68		379	390	2.806	Q1
46	Synergetic effects in novel hydrogenated F-doped TiO ₂ photocatalysts.	Samsudin, E. M., Abd Hamid, S. B., Juan, J. C., Basirun, W. J., & Centi, G.	0169-4332	Applied Surface Science	2016	370		380	393	2.711	Q1
47	Effective role of trifluoroacetic acid (TFA) to enhance the photocatalytic activity of F-doped TiO ₂ prepared by modified sol-gel method.	Samsudin, E. M., Abd Hamid, S. B., Juan, J. C., Basirun, W. J., Kandjani, A. E., & Bhargava, S. K.	0169-4332	Applied Surface Science	2016	365		57	68	2.711	Q1
48	SrTiO ₃ Nanocube-Doped Polyaniline Nanocomposites with Enhanced Photocatalytic Degradation of Methylene Blue under Visible Light.	Shahabuddin, S., Sarih, N. M., Mohamad, S., & Ching, J. J.	2073-4360	Polymers	2016	8	2			3.681	Q1
49	Mesoporous boron-doped onion-like carbon as long-life oxygen electrode for sodium-oxygen batteries.	Shu, C. Z., Lin, Y. M., Zhang, B. S., Abd Hamid, S. B., & Su, D. S.	2050-7488	Journal of Materials Chemistry A	2016	4	17	6610	6619	7.443	Q1

50	Fe-doped mesoporous anatase-brookite titania in the solar-light-induced photodegradation of Reactive Black 5 dye.	Soo, C. W., Juan, J. C., Lai, C. W., Abd Hamid, S. B., & Yusop, R. M.	1876-1070	Journal of the Taiwan Institute of Chemical Engineers	2016	68		153	161	3.000	Q1
51	Structure-activity relationships of nanoscale MnOx/CeO2 heterostructured catalysts for selective oxidation of amines under eco-friendly conditions.	Sudarsanam, P., Hillary, B., Amin, M. H., Hamid, S. B. A., & Bhargava, S. K.	0926-3373	Applied Catalysis B-Environmental	2016	185		213	224	7.435	Q1
52	Electrodeposition of flower-like platinum on electrophoretically grown nitrogen-doped graphene as a highly sensitive electrochemical non-enzymatic biosensor for hydrogen peroxide detection.	Tajabadi, M. T., Sookhajian, M., Zalnezhad, E., Yoon, G. H., Hamouda, A. M. S., Azarang, M., Basirun, W. J., & Alias, Y.	0169-4332	Applied Surface Science	2016	386		418	426	2.711	Q1
53	Metallic and semiconducting carbon nanotubes separation using an aqueous two-phase separation technique: a review.	Tang, M. S. Y., Ng, E. P., Juan, J. C., Ooi, C. W., Ling, T. C., Woon, K. L., & Show, P. L.	0957-4484	Nanotechnology	2016	27	33			3.821	Q1
54	Synthesis of reduced graphene oxide/tungsten trioxide nanocomposite electrode for high electrochemical performance.	Wong, C. P. P., Lai, C. W., Lee, K. M., Juan, J. C., & Abd Hamid, S. B.	0272-8842	Ceramics International	2016	42	11	13128	13135	2.605	Q1
55	Recyclable magnetite-loaded palm shell-waste based activated carbon for the effective removal of methylene blue from aqueous solution.	Wong, K. T., Eu, N. C., Ibrahim, S., Kim, H., Yoon, Y., & Jang, M.	0959-6526	Journal of Cleaner Production	2016	115		337	342	3.844	Q1
56	Disintegrative activation of Pd nanoparticles on carbon nanotubes for catalytic phenol hydrogenation.	Zhang, L. Y., Wang, B. L., Ding, Y. X., Wen, G. D., Abd Hamid, S. B., & Su, D. S.	2044-4753	Catalysis Science & Technology	2016	6	4	1003	1006	5.426	Q1
57	Synergistic effects on hydrogenated TiO2 for photodegradation of synthetic compounds pollutants.	Bagheri, S., & Julkapli, N. M.	0360-3199	International Journal of Hydrogen Energy	2016	41	33	14652	14664	3.313	Q1
58	Phosphorene: A new competitor for graphene.	Bagheri, S., Mansouri, N., & Aghaie, E.	0360-3199	International Journal of Hydrogen Energy	2016	41	7	4085	4095	3.313	Q1
59	Promising Ni/Al-SBA-15 catalysts for hydrodeoxygenation of dibenzofuran into fuel grade hydrocarbons: synergetic effect of Ni and Al-SBA-15 support.	Gbadamasi, S., Ali, T. H., Voon, L. H., Atta, A. Y., Sudarsanam, P., Bhargava, S. K., & Abd Hamid, S. B.	2046-2069	RSC Advances	2016	6	31	25992	26002	3.840	Q1
60	Organotemplate-free hydrothermal synthesis of NaNKX-2 aluminophosphate basic catalyst.	Gopal, L., Lim, G. K., Ling, T. C., Adnan, R., Juan, J. C., & Ng, E. P.	0167-577X	Materials Letters	2016	182		344	346	2.489	Q1

61	Environmental application of nanotechnology: air, soil, and water.	Ibrahim, R. K., Hayyan, M., AlSaadi, M. A., Hayyan, A., & Ibrahim, S.	0944-1344	Environmental Science and Pollution Research	2016	23	14	13754	13788	2.828	Q1
62	Optimizing Pretreatment Process Conditions Using Lewis Acid Catalyst for Higher Crystallinity of alpha-Cellulose.	Karim, M. Z., Chowdhury, Z. Z., Hamid, S. B. A., & Ali, M. E.	1947-2935	Science of Advanced Materials	2016	8	3	534	544	2.598	Q1
63	Catalytic role of solid acid catalysts in glycerol acetylation for the production of bio-additives: a review.	Kong, P. S., Aroua, M. K., Daud, W. M. A. W., Lee, H. V., Cognet, P., & Peres, Y.	2046-2069	RSC Advances	2016	6	73	68885	68905	3.840	Q1
64	Dispersion stability, magnetivity and wettability of cellulose nanocrystal (CNC)-dispersed superparamagnetic Fe ₃ O ₄ nanoparticles: impact of CNC concentration.	Low, L. E., Tey, B. T., Ong, B. H., Chan, E. S., & Tang, S. Y.	2046-2069	RSC Advances	2016	6	114	113132	113138	3.840	Q1
65	A Tractable Method for Measuring Nanomaterial Risk Using Bayesian Networks.	Murphy, F., Sheehan, B., Mullins, M., Bouwmeester, H., Marvin, H. J. P., Bouzembrak, Y., Costa, A. L., Das, R., Stone, V., & Tofail, S. A. M.	1556-276X	Nanoscale Research Letters	2016	11				2.779	Q1
66	Electrochemical Sensor Based on Single-Walled Carbon Nanotube/ZnO Photocatalyst Nanocomposite Modified Electrode for the Determination of Paracetamol.	Ngai, K. S., Tan, W. T., Zainal, Z., Zawawi, R. M., & Juan, J. C.	1947-2935	Science of Advanced Materials	2016	8	4	788	796	2.598	Q1
67	Enzymatic transesterification for biodiesel production: a comprehensive review.	Norjannah, B., Ong, H. C., Masjuki, H. H., Juan, J. C., & Chong, W. T.	2046-2069	RSC Advances	2016	6	65	60034	60055	3.840	Q1
68	Recent advances of titanium dioxide (TiO ₂) for green organic synthesis.	Oi, L. E., Choo, M. Y., Lee, H. V., Ong, H. C., Abd Hamid, S. B., & Juan, J. C.	2046-2069	RSC Advances	2016	6	110	108741	108754	3.840	Q1
69	Nanosized spinel Cu-Mn mixed oxide catalyst prepared via solvent evaporation for liquid phase oxidation of vanillyl alcohol using air and H ₂ O ₂ .	Saha, S., & Abd Hamid, S. B.	2046-2069	RSC Advances	2016	6	98	96314	96326	3.840	Q1

70	Synthesis, characterization, and morphological control of ZnTiO ₃ nanoparticles through sol-gel processes and its photocatalyst application.	Salavati-Niasari, M., Soofivand, F., Sobhani-Nasab, A., Shakouri-Arani, M., Faal, A. Y., & Bagheri, S.	0921-8831	Advanced Powder Technology	2016	27	5	2066	2075	2.638	Q1
71	Highly active and spherical natured mesoporous aluminosilicate nanoparticles materialized for t-butylation of phenol.	Selvaraj, M.	2046-2069	RSC Advances	2016	6	65	60983	60995	3.840	Q1
72	Enhancing lubricant properties by nanoparticle additives.	Shahnazar, S., Bagheri, S., & Abd Hamid, S. B.	0360-3199	International Journal of Hydrogen Energy	2016	41	4	3153	3170	3.313	Q1
73	Novel layer-by-layer assembly of rGO-hybridised ZnO sandwich thin films for the improvement of photo-catalysed hydrogen production.	Teh, S. J., Lai, C. W., & Abd Hamid, S. B.	2095-4956	Journal of Energy Chemistry	2016	25	2	336	344	2.352	Q1
1	Microstructure and Dielectric Properties of Nickel-Doped Ba _{0.7} Sr _{0.3} TiO ₃ Ceramics Fabricated by Solgel Method.	Kakumani, A. D., Ruthramurthy, B., Wong, H. Y., Ong, B. H., Tan, K. B., & Yow, H. K.	1546-542X	International Journal of Applied Ceramic Technology	2016	13	1	177	184	1.320	Q2
2	Nanoscale Pd-based catalysts for selective oxidation of glycerol with molecular oxygen: Structure-activity correlations.	Abd Hamid, S. B., Basiron, N., Yehye, W. A., Sudarsanam, P., & Bhargava, S. K.	0277-5387	Polyhedron	2016	120		124	133	2.011	Q2
3	Catalytic dehydration of glycerol to acrolein over M _{2.5} H _{0.5} PW ₁₂ O ₄₀ (M = Cs, Rb and K) phosphotungstic acids: Effect of substituted alkali metals.	Abd Hamid, S. B., Daud, N. A., Suppiah, D. D., Yehya, W. A., Sudarsanam, P., & Bhargava, S. K.	0277-5387	Polyhedron	2016	120		154	161	2.011	Q2
4	Short Amplicon-Length PCR Assay Targeting Mitochondrial Cytochrome b Gene for the Detection of Feline Meats in Burger Formulation.	Ali, M. E., Al Amin, M., Razzak, M. A., Hamid, S. B. A., Rahman, M. M., Rashid, N., & Asing.	1936-9751	Food Analytical Methods	2016	9	3	571	581	1.956	Q2
5	Lead removal from water by choline chloride based deep eutectic solvents functionalized carbon nanotubes.	AlOmar, M. K., Alsaadi, M. A., Hayyan, M., Akib, S., Ibrahim, R. K., & Hashim, M. A.	0167-7322	Journal of Molecular Liquids	2016	222		883	894	2.515	Q2

6	Glycerol-based deep eutectic solvents: Physical properties.	AlOmar, M. K., Hayyan, M., Alsaadi, M. A., Akib, S., Hayyan, A., & Hashim, M. A.	0167-7322	Journal of Molecular Liquids	2016	215		98	103	2.515	Q2
7	Incorporation of chitosan and glass substrate for improvement in adsorption, separation, and stability of TiO ₂ photodegradation.	Amir, M. N. I., Julkapli, N. M., & Hamid, S. B. A.	1735-1472	International Journal of Environmental Science and Technology	2016	13	3	856	874	2.190	Q2
8	Duplex real-time PCR assay using SYBR Green to detect and quantify Malayan box turtle (<i>Cuora amboinensis</i>) materials in meatballs, burgers, frankfurters and traditional Chinese herbal jelly powder.	Asing, Ali, M. E., Abd Hamid, S. B., Hossain, M., Ahamad, M. N. U., Hossain, S. M. A., Naquiah, N., & Zaidul, I. S. M.	1944-0049	Food Additives and Contaminants Part A-Chemistry Analysis Control Exposure & Risk Assessment	2016	33	11	1643	1659	1.802	Q2
9	Modified iron oxide nanomaterials: Functionalization and application.	Bagheri, S., & Julkapli, N. M.	0304-8853	Journal of Magnetism and Magnetic Materials	2016	416		117	133	1.970	Q2
10	Characterization of partitioning behaviors of immunoglobulin G in polymer-salt aqueous two-phase systems.	Chow, Y. H., Yap, Y. J., Show, P. L., Juan, J. C., Anuar, M. S., Ng, E. P., Ooi, C. W., & Ling, T. C.	1389-1723	Journal of Bioscience and Bioengineering	2016	122	5	613	619	1.884	Q2
11	Influence of the processing methods on the properties of poly(lactic acid)/halloysite nanocomposites.	De Silva, R. T., Soheilmoghaddam, M., Goh, K. L., Wahit, M. U., Bee, S. A., Chai, S. P., & Pasbakhsh, P.	0272-8397	Polymer Composites	2016	37	3	861	869	1.632	Q2
12	Considering the effect of a ligand as new complexing agent in the characteristics of TiO ₂ nanoparticles.	Gholami, T., Bazarganipour, M., Salavati-Niasari, M., Mir, N., Hamadani, M., & Bagheri, S.	0167-7322	Journal of Molecular Liquids	2016	215		467	471	2.515	Q2
13	Recent developments on titania nanoparticle as photocatalytic cancer cells treatment.	Jukapli, N. M., & Bagheri, S.	1011-1344	Journal of Photochemistry and Photobiology B-Biology	2016	163		421	430	2.960	Q2
14	Developments in nano-additives for paper industry.	Julkapli, N. M., & Bagheri, S.	1435-0211	Journal of Wood Science	2016	62	2	117	130	0.944	Q2

15	N-Methylimidazolium perchlorate as a new ionic liquid for the synthesis of bis(pyrazol-5-ol)s under solvent-free conditions.	Khaligh, N. G., Abd Hamid, S. B., & Titinchi, S. J. J.	1001-8417	Chinese Chemical Letters	2016	27	1	104	108	1.587	Q2
16	Environment-Friendly Heterogeneous Alkaline-Based Mixed Metal Oxide Catalysts for Biodiesel Production.	Lee, H. V., Juan, J. C., Hin, T. Y. Y., & Ong, H. C.	1996-1073	Energies	2016	9	8			2.072	Q2
17	Production of gamma-cyclodextrin by Bacillus cereus cyclodextrin glycosyltransferase using extractive bioconversion in polymer-salt aqueous two-phase system.	Lin, Y.K., Show, P.L., Yap, Y.J., Ariff, A.B., Annuar, M.S.M., Lai, O.M., Tang, T.K., Juan, J.C. & Ling, T.C.	1389-1723	Journal of Bioscience and Bioengineering	2016	121	6	692	696	1.884	Q2
18	Synthesis, PASS-Predication and in Vitro Antimicrobial Activity of Benzyl 4-O-benzoyl--l-rhamnopyranoside Derivatives.	Matin, M. M., Nath, A. R., Saad, O., Bhuiyan, M. M. H., Kadir, F. A., Abd Hamid, S. B., Alhadi, A. A., Ali, M. E., & Yehye, W. A.	1422-0067	International Journal of Molecular Sciences	2016	17	9			2.862	Q2
19	TaqMan probe real-time polymerase chain reaction assay for the quantification of canine DNA in chicken nugget.	Rahman, M. M., Abd Hamid, S. B., Basirun, W. J., Bhassu, S., Rashid, N. R. A., Mustafa, S., Desa, M. N. M., & Ali, M. E.	1944-0049	Food Additives and Contaminants Part a-Chemistry Analysis Control Exposure & Risk Assessment	2016	33	1	10	18	1.802	Q2
20	Synthesis and characterization of NiMoO4 via ultrasonic route by a novel precursor.	Saberyan, K., Soofivand, F., Kianpour, G., Salavati-Niasari, M., & Bagheri, S.	0957-4522	Journal of Materials Science-Materials in Electronics	2016	27	4	3765	3772	1.569	Q2
21	One step facile synthesis of ferromagnetic magnetite nanoparticles.	Suppiah, D. D., & Abd Hamid, S. B.	0304-8853	Journal of Magnetism and Magnetic Materials	2016	414		204	208	1.970	Q2
22	Facile Synthesis Polyethylene Glycol Coated Magnetite Nanoparticles for High Colloidal Stability.	Tai, M. F., Lai, C. W., & Hamid, S. B. A.	1687-4110	Journal of Nanomaterials	2016			Article ID 8612505		1.644	Q2
23	Effect of reduced graphene oxide-hybridized ZnO thin films on the photoinactivation of Staphylococcus aureus and Salmonella enterica serovar Typhi.	Teh, S. J., Yeoh, S. L., Lee, K. M., Lai, C. W., Hamid, S. B. A., & Thong, K. L.	1011-1344	Journal of Photochemistry and Photobiology B-Biology	2016	161		25	33	2.960	Q2

24	Rational Design and Synthesis of New, High Efficiency, Multipotent Schiff Base-1,2,4-triazole Antioxidants Bearing Butylated Hydroxytoluene Moieties.	Yehye, W. A., Rahman, N. A., Saad, O., Ariffin, A., Abd Hamid, S. B., Alhadi, A. A., Kadir, F. A., Yaeghoobi, M., & Matlob, A. A.	1420-3049	Molecules	2016	21					2.416	Q2
25	Enhanced Structural, Thermal, and Electrical Properties of Multiwalled Carbon Nanotubes Hybridized with Silver Nanoparticles.	Yusof, Y., Zaidi, M. I., & Johan, M. R.	1687-4110	Journal of Nanomaterials	2016			Article ID 6141496			1.644	Q2
26	Review on ZnO hybrid photocatalyst: impact on photocatalytic activities of water pollutant degradation.	Adnan, M. A. M., Julkapli, N. M., & Hamid, S. B. A.	0193-4929	Reviews in Inorganic Chemistry	2016	36	2	77	104		2.071	Q2
27	Magnetite hybrid photocatalysis: advance environmental remediation.	Bagheri, S., & Julkapli, N. M.	0193-4929	Reviews in Inorganic Chemistry	2016	36	3	135	151		1.556	Q2
28	Effect of pH variation on the stability and structural properties of In(OH)(3) nanoparticles synthesized by co-precipitation method.	Goh, K. W., Johan, M. R., & Wong, Y. H.	0947-8396	Applied Physics A-Materials Science & Processing	2016	122					1.704	Q2
29	Magnesium oxide as a heterogeneous catalyst support.	Julkapli, N. M., & Bagheri, S.	0193-4929	Reviews in Inorganic Chemistry	2016	36	1	1	41		2.071	Q2
30	Structural and optical properties of graphene from green carbon source via thermal chemical vapor deposition.	Salifairus, M. J., Abd Hamid, S. B., Soga, T., Alrokayan, S. A. H., Khan, H. A., & Rusop, M.	0884-2914	Journal of Materials Research	2016	31	13	1947	1956		1.647	Q2
31	Correlation of Critical Parameters on Carbon Nanotubes Crystallinity in Chemical Vapor Deposition by Using Renewable Bioresource.	TermehYousefi, A., Tanaka, H., Bagheri, S., Mahmood, M. R., & Ikeda, S.	1533-4880	Journal of Nanoscience and Nanotechnology	2016	16	8	8263	8268		1.556	Q2
32	Progress on nanoparticle-based carbon nanotube complex: fabrication and potential application.	Yousefi, A. T., Fukumori, M., Raj, P. R., Liu, P. L., Fu, L. X., Bagheri, S., & Tanaka, H.	0193-4929	Reviews in Inorganic Chemistry	2016	36	4	183	201		2.071	Q2
1	A Method for the Detection of Potential Fraud of Bringing Feline Meat in Food Chain.	Al Amin, M., Abd Hamid, S. B., & Ali, M. E.	1094-2912	International Journal of Food Properties	2016	19	7	1645	1658		0.915	Q3

2	The influence of topography on tissue engineering perspective.	Mansouri, N., & SamiraBagheri.	0928-4931	Materials Science & Engineering C- Materials for Biological Applications	2016	61		906	921	3.088	Q3
3	Inhibitory Effect of Chocolate Components Toward Lard Detection in Chocolate Using Real Time PCR.	Rosman, N. N., Mokhtar, N. F. K., Ali, M. E., & Mustafa, S.	1094-2912	International Journal of Food Properties	2016	19	11	2587	2595	0.915	Q3
4	TiO2 Nanotubes Supported Cu Nanoparticles for Improving Photocatalytic Degradation of Simazine under UV Illumination.	Suhaimy, S. H. M., Abd Hamid, S. B., Lai, C. W., Hasan, M. R., & Johan, M. R.	2073-4344	Catalysts	2016	6	11			2	Q3
5	Computational local stiffness analysis of biological cell: High aspect ratio single wall carbon nanotube tip.	TermehYousefi, A., Bagheri, S., Shahnazar, S., Rahman, M. H., & Kadri, N. A.	0928-4931	Materials Science & Engineering C- Materials for Biological Applications	2016	59		636	642	3.088	Q3
6	Influence Applied Potential on the Formation of Self-Organized ZnO Nanorod Film and Its Photoelectrochemical Response.	Abd Samad, N. A., Lai, C. W., & Abd Hamid, S. B.	1110-662X	International Journal of Photoenergy	2016	8		Article ID 1413072		1.563	Q3
7	Removal of Cadmium from Water by CNT-PAC Composite: Effect of Functionalization.	AlSaadi, M. A., Al Mamun, A., Alam, M. Z., Amosa, M. K., & Atieh, M. A.	1793-2920	Nano	2016	11	1			1.090	Q3
8	Sugar and Surfactant-Assisted Synthesis of Mg(OH)(2) Nano-flower and PVA Nanocomposites.	Asgari-Vadeghani, T., Ghanbari, D., Mozdianfar, M. R., Salavati-Niasari, M., Bagheri, S., & Saberyan, K.	1040-7278	Journal of Cluster Science	2016	27	1	299	314	1.302	Q3
9	Progress on antimicrobial surgical gloves: a review.	Babadi, A. A., Bagheri, S., & Hamid, S. B. A.	0035-9475	Rubber Chemistry and Technology	2016	89	1	117	125	1.024	Q3
10	Photocatalytic performance of activated carbon-supported mesoporous titanium dioxide.	Bagheri, S., Hir, Z. A. M., Yousefi, A. T., & Abd Hamid, S. B.	1944-3994	Desalination and Water Treatment	2016	57	23	10859	10865	1.173	Q3
11	Effect of Sulfur Source on Cadmium Sulfide Nanostructures Morphologies via Simple Hydrothermal Route.	Esmaeili, E., Sabet, M., Salavati-Niasari, M., Zarghami, Z., & Bagheri, S.	1040-7278	Journal of Cluster Science	2016	27	1	351	360	1.302	Q3

12	Au decorated ZnO thin film: application to DNA sensing.	Foo, K. L., Hashim, U., Voon, C. H., Kashif, M., & Ali, M. E.	0946-7076	Microsystem Technologies-Micro-and Nanosystems-Information Storage and Processing Systems	2016	22	4	903	910	0.875	Q3
13	Structural, optical and electrical properties of Cu ₂ Zn _{1-x} Cd _x Sn ₄ quinary alloys nanostructures deposited on porous silicon.	Ibraheam, A. S., Al-Douri, Y., Al-Fhdawi, J. M. S., Al-Jumaili, H. S., Verma, K. D., Hashim, U., Ayub, R. M., Ruslinda, A. R., Arshad, M. K. M., Reshak, A. H., et al.	0946-7076	Microsystem Technologies-Micro-and Nanosystems-Information Storage and Processing Systems	2016	22	12	2893	2900	0.875	Q3
14	Performance of polyacrylamide/Cr(III) gel polymer in oil recovery from heterogeneous porous media: An experimental study.	Kargozarfard, Z., Riazi, M., Ayatollahi, S., & Shahnazar, S.	0256-1115	Korean Journal of Chemical Engineering	2016	33	12	3350	3358	1.166	Q3
15	Sonochemical Synthesis of Spherical Silica Nanoparticles and Polymeric Nanocomposites.	Masjedi-Arani, M., Ghanbari, D., Salavati-Niasari, M., & Bagheri, S.	1040-7278	Journal of Cluster Science	2016	27	1	39	53	1.302	Q3
16	A review of polymer electrolytes: fundamental, approaches and applications.	Ngai, K. S., Ramesh, S., Ramesh, K., & Juan, J. C.	0947-7047	Ionics	2016	22	8	1259	1279	1.754	Q3
17	Synthesis of silver nanoparticles prepared in aqueous solutions using helium dc microplasma jet.	Thong, Y. L., Chin, O. H., Ong, B. H., & Huang, N. M.	0021-4922	Japanese Journal of Applied Physics	2016	55	1			1.127	Q3
1	1,1'-butylenebis(3-methyl-3H-imidazol-1-ium) Hydrogen Sulfate Catalyzed One-Pot Multi-Component Synthesis of Unsymmetrical Polyhydroquinoline Derivatives.	Khaligh, N. G.	1040-6638	Polycyclic Aromatic Compounds	2016	36	4	284	294	0.760	Q4
2	4-(Succinimido)-1-butane Sulfonic Acid as a Bronsted Acid Catalyst for Synthesis of 4,4-(arylmethylene)bis(1H-pyrazol-5-ol)s Derivatives under Solvent-Free Conditions.	Khaligh, N. G., Titinchi, S. J. J., Abd Hamid, S. B., & Abbo, H. S.	1040-6638	Polycyclic Aromatic Compounds	2016	36	5	716	728	0.760	Q4
3	Electrocatalytic Activity of Immobilized Co(II) on Porous Graphene Aerogels.	Bagheri, S., Ramimoghdam, D., Mansouri, N., & Abd Hamid, S. B.	0009-4536	Journal of the Chinese Chemical Society	2016	63	7	590	595	0.648	Q4

4	Tyrosine sensing on phthalic anhydride functionalized chitosan and carbon nanotube film coated glassy carbon electrode.	Chekin, F., & Bagheri, S.	1023-1935	Russian Journal of Electrochemistry	2016	52	2	174	180	0.762	Q4
5	Surfactant-free synthesis of magnetic cobalt particles with hierarchical nanostructures.	Khe, C.S., Aziz, A., Lockman, Z., Liu, W.W., Lai, C.W., Rajalingam, S. and Merican, Z.	1842-3582	Digest Journal of Nanomaterials and Biostructures	2016	11	2	321	327	0.945	Q4
6	Preparation of Cellulose Nanocrystals Bio-Polymer From Agro-Industrial Wastes: Separation and Characterization.	Mazlita, Y., Lee, H. V., & Hamid, S. B. A.	0967-3911	Polymers & Polymer Composites	2016	24	9	719	728	0.271	Q4
7	Eco-friendly biodiesel production from olive oil waste using solar energy.	Mihankhah, T., Delnavaz, M., & Khaligh, N. G.	1556-7036	Energy Sources Part A-Recovery Utilization and Environmental Effects	2016	38	24	3668	3672	0.386	Q4
8	Structural and electrical properties of nickel-iron thin film on copper substrate for dynamic random access memory applications.	Saeed, A., Ruthramurthy, B., Yong, W. H., Hoong, O. B., Ban, T. K., Kwang, Y. H., & Sreekantan, S.	1023-1935	Russian Journal of Electrochemistry	2016	52	8	788	795	0.762	Q4
9	Synthesis and Characterization of Nanosized Manganese Oxyhydroxide Compounds by Sonochemical Method.	Salavati-Niasari, M., Esmaeili-Zare, M., Gholami-Daghian, M., & Bagheri, S.	0334-6455	High Temperature Materials and Processes	2016	35	5	493	498	0.377	Q4