

Abdul Amir Kadhum

List of Publications by Year in descending order

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137
papers

5,558
citations

66343

42
h-index

88630

70
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138
all docs

138
docs citations

138
times ranked

6135
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Adding Silicon on Fatigue Properties of Aluminum Based Alloys. <i>Silicon</i> , 2021, 13, 1215-1222.	3.3	3
2	New environmental friendly corrosion inhibitor of mild steel in hydrochloric acid solution: Adsorption and thermal studies. <i>Cogent Engineering</i> , 2020, 7, 1826077.	2.2	8
3	Synthesis, characterization and gravimetric studies of novel triazole-based compound. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 164-170.	2.6	27
4	Quantum chemical elucidation on corrosion inhibition efficiency of Schiff base: DFT investigations supported by weight loss and SEM techniques. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 202-209.	2.6	58
5	Biodiesel Blends Startability and Emissions During Cold, Warm and Hot Conditions. <i>Journal of Nanofluids</i> , 2020, 9, 75-89.	2.7	8
6	Tunable morphology and band gap alteration of CuO-ZnO nanostructures based photocathode for solar photoelectrochemical cells. <i>Materials Research Express</i> , 2020, 7, 125010.	1.6	6
7	Synthesis and Characterization of New Zinc Phthalocyanine - Dodecyl Succinic Anhydride Benzoic Groups. <i>Current Organic Synthesis</i> , 2020, 17, 488-495.	1.3	0
8	Synthesis, Characterization, and Corrosion Inhibition Potential of Novel Thiosemicarbazone on Mild Steel in Sulfuric Acid Environment. <i>Coatings</i> , 2019, 9, 729.	2.6	42
9	Additives in proton exchange membranes for low- and high-temperature fuel cell applications: A review. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 6116-6135.	7.1	207
10	Photocatalytic degradation of organic pollutants over visible light active plasmonic Ag nanoparticle loaded Ag ₂ SO ₃ photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 191-200.	3.9	24
11	Removal of Rhodamine Dye from Water Using Erbium Oxide Nanoparticles. <i>Korean Journal of Materials Research</i> , 2019, 29, 747-752.	0.2	2
12	Corrosion Inhibition of Cold-rolled Low Carbon Steel with Pulse Fiber Laser Ablation in Water. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 2805-2814.	2.5	2
13	Case study on thermal impact of novel corrosion inhibitor on mild steel. <i>Case Studies in Thermal Engineering</i> , 2018, 12, 64-68.	5.7	31
14	N-[4-(1-Methyl-1H-imidazol-2-yl)-2,4-bipyridin-2-yl]benzene-1,4-diamine. <i>MolBank</i> , 2018, 2018, M1030.	0.5	1
15	Inhibitive impacts extract of <i>Citrus aurantium</i> leaves of carbon steel in corrosive media. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 559-566.	4.7	9
16	Macro Coumarins as Novel Antioxidants. <i>Oriental Journal of Chemistry</i> , 2018, 34, 2562-2569.	0.3	2
17	Case study on solar water heating for flat plate collector. <i>Case Studies in Thermal Engineering</i> , 2018, 12, 666-671.	5.7	46
18	Sulphonamides as corrosion inhibitor: Experimental and DFT studies. <i>Journal of Molecular Structure</i> , 2017, 1138, 27-34.	3.6	72

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19	Novel technique for enhancement of diesel fuel: Impact of aqueous alumina nano-fluid on engine's performance and emissions. <i>Case Studies in Thermal Engineering</i> , 2017, 10, 611-620.	5.7	67
20	Free Catalyzed Synthesis of 2,2'-Bipyridine via Ozonolysis Technique. <i>Ozone: Science and Engineering</i> , 2017, 39, 417-422.	2.5	1
21	Solar photocatalytic degradation of 2-chlorophenol with ZnO nanoparticles: optimisation with D-optimal design and study of intermediate mechanisms. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2804-2819.	5.3	23
22	Effect of silica on the thermal behaviour and ionic conductivity of mixed salt solid acid composites. <i>Journal of Alloys and Compounds</i> , 2017, 690, 896-902.	5.5	19
23	Surface Improvement of Halloysite Nanotubes. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 291.	2.5	21
24	Optimizing Physio-Mechanical Properties of Halloysite Reinforced Polyurethane Nanocomposites by Taguchi Approach. <i>Science of Advanced Materials</i> , 2017, 9, 949-961.	0.7	9
25	Optimization of Solar Photocatalytic Degradation of Chloroxylenol Using TiO ₂ , Er ³⁺ /TiO ₂ , and Ni ²⁺ /TiO ₂ via the Taguchi Orthogonal Array Technique. <i>Catalysts</i> , 2016, 6, 163.	3.5	8
26	Coumarins as Potential Antioxidant Agents Complemented with Suggested Mechanisms and Approved by Molecular Modeling Studies. <i>Molecules</i> , 2016, 21, 135.	3.8	60
27	Antioxidant Activities of 4-Methylumbelliferone Derivatives. <i>PLoS ONE</i> , 2016, 11, e0156625.	2.5	33
28	A review on synthesis and characterization of solid acid materials for fuel cell applications. <i>Journal of Power Sources</i> , 2016, 322, 77-92.	7.8	38
29	Synthesis of Vanadium Pentoxide Nanoparticles as Catalysts for the Ozonation of Palm Oil. <i>Ozone: Science and Engineering</i> , 2016, 38, 36-41.	2.5	10
30	Synthesis of new coumarins complemented by quantum chemical studies. <i>Research on Chemical Intermediates</i> , 2016, 42, 3905-3918.	2.7	14
31	New Coumarin Derivative as an Eco-Friendly Inhibitor of Corrosion of Mild Steel in Acid Medium. <i>Molecules</i> , 2015, 20, 366-383.	3.8	84
32	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. <i>Molecules</i> , 2015, 20, 22833-22847.	3.8	487
33	Photostabilizing Efficiency of PVC in the Presence of Schiff Bases as Photostabilizers. <i>Molecules</i> , 2015, 20, 19886-19899.	3.8	20
34	Chemical and Physical Properties Investigation as Indicators for the Ozonation Reaction Completion of Palm Olein. <i>Ozone: Science and Engineering</i> , 2015, 37, 503-508.	2.5	2
35	Evaluation of Morphological Changes of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> Induced with the Antimicrobial Peptide AN5-1. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1868-1878.	2.9	5
36	Study on the electronic properties and molecule adsorption of W 18 O 49 Nanowires as a catalyst support in the cathodes of direct methanol fuel cells. <i>Journal of Power Sources</i> , 2015, 288, 461-472.	7.8	17

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37	A review of copolymerization of green house gas carbon dioxide and oxiranes to produce polycarbonate. <i>Journal of Cleaner Production</i> , 2015, 102, 1-17.	9.3	53
38	Effects of temperature and backpressure on the performance degradation of MEA in PEMFC. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10960-10968.	7.1	41
39	Selective Ozonolysis of <i>Cis</i> -Crotamiton: Free Catalyzed Oxidative Synthesis of N-ethyl-N-(<i>o</i> -tolyl)formamide as a New Compound. <i>Ozone: Science and Engineering</i> , 2015, 37, 385-390.	2.5	1
40	Utilization of self-synthesized ZnO nanoparticles in MPR for industrial dye wastewater treatment using NF and UF membrane. <i>Desalination and Water Treatment</i> , 2015, 54, 944-955.	1.0	44
41	Hydrogen Peroxide Scavenging Activity of Novel Coumarins Synthesized Using Different Approaches. <i>PLoS ONE</i> , 2015, 10, e0132175.	2.5	53
42	Effect of Solvents on Extraction and Adsorption of Natural Dyes Extracted from <i>Cordyline fruticosa</i> and <i>Hylocereus polyrhizus</i> . <i>Asian Journal of Chemistry</i> , 2014, 26, 6285-6288.	0.3	6
43	Inhibition of Mild Steel Corrosion in Hydrochloric Acid Solution by New Coumarin. <i>Materials</i> , 2014, 7, 4335-4348.	2.9	94
44	Nanofiltration of hazardous Congo red dye: Performance and flux decline analysis. <i>Journal of Water Process Engineering</i> , 2014, 4, 99-106.	5.6	38
45	Novel Corrosion Inhibitor for Mild Steel in HCl. <i>Materials</i> , 2014, 7, 662-672.	2.9	95
46	Inhibition of Mild Steel Corrosion in Sulfuric Acid Solution by New Schiff Base. <i>Materials</i> , 2014, 7, 787-804.	2.9	67
47	Artificial Photosynthesis using LiNbO ₃ as Photocatalyst for Sustainable and Environmental Friendly Construction and Reduction of Global Warming: A Review. <i>Catalysis Reviews - Science and Engineering</i> , 2014, 56, 175-186.	12.9	22
48	Evaluation of methane generation rate and potential from selected landfills in Malaysia. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 377-384.	3.5	15
49	Antioxidant and antimicrobial activities of novel quinazolinones. <i>Medicinal Chemistry Research</i> , 2014, 23, 236-242.	2.4	37
50	An investigation of LiNbO ₃ photocatalyst coating on concrete surface for improving indoor air quality. <i>Construction and Building Materials</i> , 2014, 54, 348-353.	7.2	29
51	Isolation and identification of a new intracellular antimicrobial peptide produced by <i>Paenibacillus alvei</i> AN5. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1377-1385.	3.6	8
52	A review of studies on forced, natural and mixed heat transfer to fluid and nanofluid flow in an annular passage. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 835-856.	16.4	54
53	The Impact of Loading and Temperature on the Oxygen Reduction Reaction at Nitrogen-doped Carbon Nanotubes in Alkaline Medium. <i>Electrochimica Acta</i> , 2014, 129, 47-54.	5.2	33
54	Synthesis and Characterization of Some New 4-Hydroxy-coumarin Derivatives. <i>Molecules</i> , 2014, 19, 11791-11799.	3.8	19

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55	Experimental and Numerical Investigations of Heat Transfer Characteristics for Impinging Swirl Flow. <i>Advances in Mechanical Engineering</i> , 2014, 6, 631081.	1.6	9
56	THE PERFORMANCE OF MONOLITHIC STRUCTURED CALCIUM OXIDE FOR BIODIESEL. <i>International Journal of Automotive and Mechanical Engineering</i> , 2014, 10, 1959-1970.	0.9	6
57	Co-crystal structure of mixed molecules of methyl 2-(3-chloro-4-methyl-2-oxo-2H-chromen-7-yloxy)acetate and 2-(2-aminophenyl)benzothiazole. <i>Journal of Structural Chemistry</i> , 2013, 54, 648-649.	1.0	1
58	Quantum chemical calculation for the inhibitory effect of compounds. <i>Journal of Structural Chemistry</i> , 2013, 54, 301-308.	1.0	16
59	Curcuminoids as antioxidants and theoretical study of stability of curcumin isomers in gaseous state. <i>Research on Chemical Intermediates</i> , 2013, 39, 4047-4059.	2.7	25
60	Synthesis and oxidation of (E)-1,2-diphenyl-2-(arylimino) ethanol derivatives. <i>Research on Chemical Intermediates</i> , 2013, 39, 2351-2355.	2.7	0
61	Characterization of electrodes and performance tests on MEAs with varying platinum content and under various operational conditions. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9431-9437.	7.1	18
62	Optimization of hot pressing parameters in membrane electrode assembly fabrication by response surface method. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9484-9493.	7.1	22
63	Inhibition Effects of a Synthesized Novel 4-Aminoantipyrene Derivative on the Corrosion of Mild Steel in Hydrochloric Acid Solution together with Quantum Chemical Studies. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11915-11928.	4.1	69
64	Nafion/Pd-SiO ₂ nanofiber composite membranes for direct methanol fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9474-9483.	7.1	96
65	Synthesis, antimicrobial and antioxidant activities of 5-((2-oxo-2H-chromen-7-yloxy)methyl)-1,3,4-thiadiazol-2(3H)-one derived from umbelliferone. <i>Chemistry of Natural Compounds</i> , 2013, 48, 950-954.	0.8	9
66	Detection of secreted antimicrobial peptides isolated from cell-free culture supernatant of <i>Paenibacillus alvei</i> AN5. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 571-579.	3.0	21
67	Empirical gas emission and oxidation measurement at cover soil of dumping site: example from Malaysia. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4919-4932.	2.7	14
68	A Novel Hydrazinecarbothioamide as a Potential Corrosion Inhibitor for Mild Steel in HCl. <i>Materials</i> , 2013, 6, 1420-1431.	2.9	72
69	The effect of process parameters on the size of ZnO nanoparticles synthesized via the sol-gel technique. <i>Journal of Alloys and Compounds</i> , 2013, 550, 63-70.	5.5	156
70	Characterization of α -tocopherol as interacting agent in polyvinyl alcohol-starch blends. <i>Carbohydrate Polymers</i> , 2013, 98, 1281-1287.	10.2	25
71	Influence of nitrogen doping on carbon nanotubes towards the structure, composition and oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9421-9430.	7.1	46
72	Photocatalytic degradation of chlorophenols under direct solar radiation in the presence of ZnO catalyst. <i>Research on Chemical Intermediates</i> , 2013, 39, 1981-1996.	2.7	27

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73	The legend of 4-aminocoumarin: use of the DelÃ©pine reaction for synthesis of 4-iminocoumarin. <i>Research on Chemical Intermediates</i> , 2013, 39, 1385-1391.	2.7	5
74	Recent progress in nitrogen-doped carbon and its composites as electrocatalysts for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9370-9386.	7.1	157
75	Optimization of process parameters using D-optimal design for synthesis of ZnO nanoparticles via sol-gel technique. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 99-105.	5.8	75
76	Kinetics Transformation of Anatase to Rutile Phase for Titanium Dioxide Nanoparticles Prepared by Sol-Gel Method. <i>Materials Science Forum</i> , 2013, 756, 11-15.	0.3	0
77	Performance of direct methanol fuel cell with a palladium-silica nanofibre/Nafion composite membrane. <i>Energy Conversion and Management</i> , 2013, 75, 718-726.	9.2	53
78	Electrochemical Study on Newly Synthesized Chlorocurcumin as an Inhibitor for Mild Steel Corrosion in Hydrochloric Acid. <i>Materials</i> , 2013, 6, 5466-5477.	2.9	55
79	Theoretical Study for the Preparation of Sub-Carbon Nano Tubes from the Cyclic Polymerization Reaction of Two Molecules from Corannulene, Coronene and Circulene Aromatic Compounds. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013, 10, 2453-2457.	0.4	10
80	Synthesis and Theoretical Studies of Methyl 2-[(2-oxo-2H-chromen-4-yl)oxy]acetate. <i>Asian Journal of Chemistry</i> , 2013, 25, 10357-10359.	0.3	1
81	Heavy Metal Biosorption Efficiencies of Expanded Bed Biofilm Reactor and Sequencing Batch Biofilm Reactor. <i>Asian Journal of Chemistry</i> , 2013, 25, 7193-7198.	0.3	4
82	Direct Acetylation and Determination of Chlorophenols in Aqueous Samples by Gas Chromatography Coupled with an Electron-Capture Detector. <i>Journal of Chromatographic Science</i> , 2012, 50, 564-568.	1.4	10
83	2-(2-Imino-1-methylimidazolidin-4-ylidene)hydrazinecarbothioamide. <i>MolBank</i> , 2012, 2012, M763.	0.5	0
84	Novel Pyranopyrazoles: Synthesis and Theoretical Studies. <i>Molecules</i> , 2012, 17, 10377-10389.	3.8	21
85	Antifungal Activities of New Coumarins. <i>Molecules</i> , 2012, 17, 5713-5723.	3.8	85
86	Nitrogen-containing carbon nanotubes as cathodic catalysts for proton exchange membrane fuel cells. <i>Diamond and Related Materials</i> , 2012, 22, 12-22.	3.9	47
87	Effect of hydraulic retention time (HRT) on pentachlorophenol (PCP) and COD removal in a pilot GAC-SBBR system for the post-treatment of recycled paper mill wastewater. <i>Desalination and Water Treatment</i> , 2012, 48, 50-59.	1.0	8
88	Inhibition of aluminum corrosion by phthalazinone and synergistic effect of halide ion in 1.0M HCl. <i>Current Applied Physics</i> , 2012, 12, 325-330.	2.4	47
89	Prediction of multi component equilibrium isotherms for light hydrocarbons adsorption on 5A zeolite. <i>Fluid Phase Equilibria</i> , 2012, 313, 165-170.	2.5	14
90	Quantum chemical studies on corrosion inhibition for series of thio compounds on mild steel in hydrochloric acid. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 551-555.	5.8	38

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91	The role of 4-amino-5-phenyl-4H-1,2,4-triazole-3-thiol in the inhibition of nickel–aluminum bronze alloy corrosion: electrochemical and DFT studies. <i>Research on Chemical Intermediates</i> , 2012, 38, 91-103.	2.7	24
92	Preparation, characterization, and theoretical studies of azelaic acid derived from oleic acid by use of a novel ozonolysis method. <i>Research on Chemical Intermediates</i> , 2012, 38, 659-668.	2.7	28
93	Photodegradation of chlorophenolic compounds using zinc oxide as photocatalyst: experimental and theoretical studies. <i>Research on Chemical Intermediates</i> , 2012, 38, 995-1005.	2.7	16
94	KINETIC EVALUATION AND PROCESS PERFORMANCE OF A PILOT GAC-SBBR SYSTEM TREATING RECYCLED PAPER INDUSTRY WASTEWATER. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 829-839.	0.6	5
95	Corrosion Inhibition of Copper-nickel Alloy: Experimental and Theoretical Studies. <i>Journal of the Korean Chemical Society</i> , 2012, 56, 406-415.	0.2	12
96	Synergistic effect of potassium iodide with phthalazone on the corrosion inhibition of mild steel in 1.0 M HCl. <i>Corrosion Science</i> , 2011, 53, 3672-3677.	6.6	102
97	Molecular dynamics and quantum chemical calculation studies on 4,4-dimethyl-3-thiosemicarbazide as corrosion inhibitor in 2.5M H ₂ SO ₄ . <i>Materials Chemistry and Physics</i> , 2011, 129, 660-665.	4.0	110
98	The Use of Umbelliferone in the Synthesis of New Heterocyclic Compounds. <i>Molecules</i> , 2011, 16, 6833-6843.	3.8	63
99	The Antioxidant Activity of New Coumarin Derivatives. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5747-5761.	4.1	130
100	Antimicrobial and Antioxidant Activities of New Metal Complexes Derived from 3-Aminocoumarin. <i>Molecules</i> , 2011, 16, 6969-6984.	3.8	84
101	Modeling of Breakthrough Curves for Adsorption of Propane, n-Butane, and Iso-Butane Mixture on 5A Molecular Sieve Zeolite. <i>Transport in Porous Media</i> , 2011, 86, 215-228.	2.6	16
102	Chlorophenols in Tigris River and Drinking Water of Baghdad, Iraq. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 106-112.	2.7	13
103	Effect of surfactants in synthesis of CsH ₂ PO ₄ as protonic conductive membrane. <i>Bulletin of Materials Science</i> , 2011, 34, 759-765.	1.7	15
104	Inhibition of Aluminum Alloy Corrosion in 0.5M Nitric Acid Solution by 4-4-Dimethyloxazolidine-2-thione. <i>Journal of Materials Engineering and Performance</i> , 2011, 20, 394-398.	2.5	19
105	Analysis and Optimization of Operating Parameters of a Membrane–Electrode Assembly. <i>Chemical Engineering and Technology</i> , 2011, 34, 439-444.	1.5	4
106	Overview on nanostructured membrane in fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 3187-3205.	7.1	129
107	A simple thermal oxidation technique and KOH wet etching process for fuel cell flow field fabrication. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 5136-5142.	7.1	3
108	Inhibition of galvanic corrosion by 4-amino-5-phenyl-4H-1, 2, 4-triazole-3-thiol. <i>International Journal of Surface Science and Engineering</i> , 2011, 5, 226.	0.4	10

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109	Regional landfills methane emission inventory in Malaysia. Waste Management and Research, 2011, 29, 863-873.	3.9	40
110	Electrochemical and quantum chemical calculations on 4,4-dimethyloxazolidine-2-thione as inhibitor for mild steel corrosion in hydrochloric acid. Journal of Molecular Structure, 2010, 969, 233-237.	3.6	193
111	Adsorption isotherm mechanism of amino organic compounds as mild steel corrosion inhibitors by electrochemical measurement method. Central South University, 2010, 17, 34-39.	0.5	24
112	Prediction of breakthrough curves for light hydrocarbons adsorption on 4A molecular sieve zeolite. Korean Journal of Chemical Engineering, 2010, 27, 752-758.	2.7	8
113	Experimental and theoretical studies of equilibrium isotherms for pure light hydrocarbons adsorption on 4A zeolite. Korean Journal of Chemical Engineering, 2010, 27, 1801-1804.	2.7	5
114	MAFRAM—A new fate and risk assessment methodology for non-volatile organic chemicals. Journal of Hazardous Materials, 2010, 181, 1080-1087.	12.4	9
115	On the inhibition of mild steel corrosion by 4-amino-5-phenyl-4H-1, 2, 4-triazole-3-thiol. Corrosion Science, 2010, 52, 526-533.	6.6	183
116	Experimental and theoretical study on the inhibition performance of triazole compounds for mild steel corrosion. Corrosion Science, 2010, 52, 3331-3340.	6.6	166
117	Adsorption Kinetics of 4-Amino-5-Phenyl-4H-1, 2, 4-Triazole-3-Thiol on Mild Steel Surface. Portugaliae Electrochimica Acta, 2010, 28, 221-230.	1.1	46
118	Performace Test and Engine Emission on Acid Oleic Oxygenated as Additives Petrol. Jurnal Kejuruteraan, 2010, 22, 53-62.	0.3	0
119	Fabrication of gas diffusion layer based on x-ray robotic spraying technique for proton exchange membrane fuel cell application. Energy Conversion and Management, 2009, 50, 1419-1425.	9.2	11
120	Nafion/silicon oxide/phosphotungstic acid nanocomposite membrane with enhanced proton conductivity. Journal of Membrane Science, 2009, 327, 32-40.	8.2	115
121	Hydrogen purification using compact pressure swing adsorption system for fuel cell. International Journal of Hydrogen Energy, 2009, 34, 2771-2777.	7.1	81
122	Modeling the fate and transport of non-volatile organic chemicals in the agro-ecosystem: A case study of Cameron Highlands, Malaysia. Chemical Engineering Research and Design, 2009, 87, 121-134.	5.6	5
123	A comparative study of the corrosion inhibition of mild steel in sulphuric acid by 4,4-dimethyloxazolidine-2-thione. Corrosion Science, 2009, 51, 2393-2399.	6.6	95
124	Hydrogen production using Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564). International Journal of Hydrogen Energy, 2008, 33, 7392-7396.	7.1	34
125	Co-deposition of copper zinc alloy in cyanide-based electrolytes. International Journal of Surface Science and Engineering, 2008, 2, 541.	0.4	2
126	Synthesis and characterization of poly(methyl methacrylate)/SiO ₂ hybrid membrane. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 452-453, 422-426.	5.6	33

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127	Poly(methyl methacrylate)/SiO ₂ hybrid membranes: Effect of solvents on structural and thermal properties. <i>Journal of Applied Polymer Science</i> , 2006, 99, 3163-3171.	2.6	16
128	The kinetics of polyphenol degradation during the drying of Malaysian cocoa beans. <i>International Journal of Food Science and Technology</i> , 2005, 40, 323-331.	2.7	98
129	Performance optimisation of PEM fuel cell during MEA fabrication. <i>Energy Conversion and Management</i> , 2004, 45, 3239-3249.	9.2	30
130	Improved membrane and electrode assemblies for proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2003, 114, 195-202.	7.8	54
131	The effect of impregnation of activated carbon with SnCl ₂ .2H ₂ O on its porosity, surface composition and CO gas adsorption. <i>Carbon</i> , 2002, 40, 1929-1936.	10.3	20
132	Application of Sn-activated carbon in pressure swing adsorption for purification of H ₂ . <i>Chemical Engineering Science</i> , 2000, 55, 4745-4755.	3.8	34
133	Temperature-dependent diffusion coefficient of soluble substances during ethanol extraction of clove. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1996, 73, 603-610.	1.9	12
134	Separation and identification of eugenol in ethanol extract of cloves by reversed-phase high-performance liquid chromatography. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1995, 72, 1231-1233.	1.9	11
135	Application of pulse radiolysis to the study of the chemistry of radical anions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1986, 101, 319-327.	1.5	5
136	Cytoplasmic analysis of <i>Ephestia cautella</i> adult females collected in different regions of Iraq. <i>Journal of Stored Products Research</i> , 1984, 20, 151-152.	2.6	7
137	Stability of PVC Films Complemented With Synthetic Bio-Lubricant. , 0, , .		0