Abdul Amir Kadhum

List of Publications by Year
in descending order

137 papers	5,558 citations	66343 42 h-index	88630 70 g-index
138 all docs	138 docs citations	138 times ranked	6135 citing authors

#	Article	IF	Citations
1	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. Molecules, 2015, 20, 22833-22847.	3.8	487
2	Additives in proton exchange membranes for low- and high-temperature fuel cell applications: A review. International Journal of Hydrogen Energy, 2019, 44, 6116-6135.	7.1	207
3	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
4	On the inhibition of mild steel corrosion by 4-amino-5-phenyl-4H-1, 2, 4-trizole-3-thiol. Corrosion Science, 2010, 52, 526-533.	6.6	183
5	Experimental and theoretical study on the inhibition performance of triazole compounds for mild steel corrosion. Corrosion Science, 2010, 52, 3331-3340.	6.6	166
6	Recent progress in nitrogen-doped carbon and its composites as electrocatalysts for fuel cell applications. International Journal of Hydrogen Energy, 2013, 38, 9370-9386.	7.1	157
7	The effect of process parameters on the size of ZnO nanoparticles synthesized via the solâ€“gel technique. Journal of Alloys and Compounds, 2013, 550, 63-70.	5.5	156
8	The Antioxidant Activity of New Coumarin Derivatives. International Journal of Molecular Sciences, 2011, 12, 5747-5761.	4.1	130
9	Overview on nanostructured membrane in fuel cell applications. International Journal of Hydrogen Energy, 2011, 36, 3187-3205.	7.1	129
10	Nafion/silicon oxide/phosphotungstic acid nanocomposite membrane with enhanced proton conductivity. Journal of Membrane Science, 2009, 327, 32-40.	8.2	115
11	Molecular dynamics and quantum chemical calculation studies on 4,4-dimethyl-3-thiosemicarbazide as corrosion inhibitor in 2.5M H2SO4. Materials Chemistry and Physics, 2011, 129, 660-665.	4.0	110
12	Synergistic effect of potassium iodide with phthalazone on the corrosion inhibition of mild steel in 1.0 M HCl. Corrosion Science, 2011, 53, 3672-3677.	6.6	102
13	The kinetics of polyphenol degradation during the drying of Malaysian cocoa beans. International Journal of Food Science and Technology, 2005, 40, 323-331.	2.7	98
14	Nafion/Pdâ€“SiO2 nanofiber composite membranes for direct methanol fuel cell applications. International Journal of Hydrogen Energy, 2013, 38, 9474-9483.	7.1	96
15	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
16	Novel Corrosion Inhibitor for Mild Steel in HCl. Materials, 2014, 7, 662-672.	2.9	95
17	Inhibition of Mild Steel Corrosion in Hydrochloric Acid Solution by New Coumarin. Materials, 2014, 7, 4335-4348.	2.9	94
18	Antifungal Activities of New Coumarins. Molecules, 2012, 17, 5713-5723.	3.8	85

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19	Antimicrobial and Antioxidant Activities of New Metal Complexes Derived from 3-Aminocoumarin. Molecules, 2011, 16, 6969-6984.	3.8	84
20	New Coumarin Derivative as an Eco-Friendly Inhibitor of Corrosion of Mild Steel in Acid Medium. Molecules, 2015, 20, 366-383.	3.8	84
21	Hydrogen purification using compact pressure swing adsorption system for fuel cell. International Journal of Hydrogen Energy, 2009, 34, 2771-2777.	7.1	81
22	Optimization of process parameters using D-optimal design for synthesis of ZnO nanoparticles via solâ€“gel technique. Journal of Industrial and Engineering Chemistry, 2013, 19, 99-105.	5.8	75
23	A Novel Hydrazinecarbothioamide as a Potential Corrosion Inhibitor for Mild Steel in HCl. Materials, 2013, 6, 1420-1431.	2.9	72
24	Sulphonamides as corrosion inhibitor: Experimental and DFT studies. Journal of Molecular Structure, 2017, 1138, 27-34.	3.6	72
25	Inhibition Effects of a Synthesized Novel 4-Aminoantipyrine Derivative on the Corrosion of Mild Steel in Hydrochloric Acid Solution together with Quantum Chemical Studies. International Journal of Molecular Sciences, 2013, 14, 11915-11928.	4.1	69
26	Inhibition of Mild Steel Corrosion in Sulfuric Acid Solution by New Schiff Base. Materials, 2014, 7, 787-804.	2.9	67
27	Novel technique for enhancement of diesel fuel: Impact of aqueous alumina nano-fluid on engine's performance and emissions. Case Studies in Thermal Engineering, 2017, 10, 611-620.	5.7	67
28	The Use of Umbelliferone in the Synthesis of New Heterocyclic Compounds. Molecules, 2011, 16, 6833-6843.	3.8	63
29	Coumarins as Potential Antioxidant Agents Complemented with Suggested Mechanisms and Approved by Molecular Modeling Studies. Molecules, 2016, 21, 135.	3.8	60
30	Quantum chemical elucidation on corrosion inhibition efficiency of Schiff base: DFT investigations supported by weight loss and SEM techniques. International Journal of Low-Carbon Technologies, 2020, 15, 202-209.	2.6	58
31	Electrochemical Study on Newly Synthesized Chlorocurcumin as an Inhibitor for Mild Steel Corrosion in Hydrochloric Acid. Materials, 2013, 6, 5466-5477.	2.9	55
32	Improved membrane and electrode assemblies for proton exchange membrane fuel cells. Journal of Power Sources, 2003, 114, 195-202.	7.8	54
33	A review of studies on forced, natural and mixed heat transfer to fluid and nanofluid flow in an annular passage. Renewable and Sustainable Energy Reviews, 2014, 39, 835-856.	16.4	54
34	Performance of direct methanol fuel cell with a palladiumâ€“silica nanofibre/Nafion composite membrane. Energy Conversion and Management, 2013, 75, 718-726.	9.2	53
35	A review of copolymerization of green house gas carbon dioxide and oxiranes to produce polycarbonate. Journal of Cleaner Production, 2015, 102, 1-17.	9.3	53
36	Hydrogen Peroxide Scavenging Activity of Novel Coumarins Synthesized Using Different Approaches. PLoS ONE, 2015, 10, e0132175.	2.5	53

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37	Nitrogen-containing carbon nanotubes as cathodic catalysts for proton exchange membrane fuel cells. Diamond and Related Materials, 2012, 22, 12-22.	3.9	47
38	Inhibition of aluminum corrosion by phthalazinone and synergistic effect of halide ion in 1.0M HCl. Current Applied Physics, 2012, 12, 325-330.	2.4	47
39	Influence of nitrogen doping on carbon nanotubes towards the structure, composition and oxygen reduction reaction. International Journal of Hydrogen Energy, 2013, 38, 9421-9430.	7.1	46
40	Case study on solar water heating for flat plate collector. Case Studies in Thermal Engineering, 2018, 12, 666-671.	5.7	46
41	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
42	Utilization of self-synthesized ZnO nanoparticles in MPR for industrial dye wastewater treatment using NF and UF membrane. Desalination and Water Treatment, 2015, 54, 944-955.	1.0	44
43	Synthesis, Characterization, and Corrosion Inhibition Potential of Novel Thiosemicarbazone on Mild Steel in Sulfuric Acid Environment. Coatings, 2019, 9, 729.	2.6	42
44	Effects of temperature and backpressure on the performance degradation of MEA in PEMFC. International Journal of Hydrogen Energy, 2015, 40, 10960-10968.	7.1	41
45	Regional landfills methane emission inventory in Malaysia. Waste Management and Research, 2011, 29, 863-873.	3.9	40
46	Quantum chemical studies on corrosion inhibition for series of thio compounds on mild steel in hydrochloric acid. Journal of Industrial and Engineering Chemistry, 2012, 18, 551-555.	5.8	38
47	Nanofiltration of hazardous Congo red dye: Performance and flux decline analysis. Journal of Water Process Engineering, 2014, 4, 99-106.	5.6	38
48	A review on synthesis and characterization of solid acid materials for fuel cell applications. Journal of Power Sources, 2016, 322, 77-92.	7.8	38
49	Antioxidant and antimicrobial activities of novel quinazolinones. Medicinal Chemistry Research, 2014, 23, 236-242.	2.4	37
50	Application of Sn-activated carbon in pressure swing adsorption for purification of H2. Chemical Engineering Science, 2000, 55, 4745-4755.	3.8	34
51	Hydrogen production using Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564). International Journal of Hydrogen Energy, 2008, 33, 7392-7396.	7.1	34
52	Synthesis and characterization of poly(methyl methacrylate)/SiO2 hybrid membrane. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 452-453, 422-426.	5.6	33
53	The Impact of Loading and Temperature on the Oxygen Reduction Reaction at Nitrogen-doped Carbon Nanotubes in Alkaline Medium. Electrochimica Acta, 2014, 129, 47-54.	5.2	33
54	Antioxidant Activities of 4-Methylumbelliferone Derivatives. PLoS ONE, 2016, 11, e0156625.	2.5	33

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55	Case study on thermal impact of novel corrosion inhibitor on mild steel. Case Studies in Thermal Engineering, 2018, 12, 64-68.	5.7	31
56	Performance optimisation of PEM fuel cell during MEA fabrication. Energy Conversion and Management, 2004, 45, 3239-3249.	9.2	30
57	An investigation of LiNbO3 photocatalyst coating on concrete surface for improving indoor air quality. Construction and Building Materials, 2014, 54, 348-353.	7.2	29
58	Preparation, characterization, and theoretical studies of azelaic acid derived from oleic acid by use of a novel ozonolysis method. Research on Chemical Intermediates, 2012, 38, 659-668.	2.7	28
59	Photocatalytic degradation of chlorophenols under direct solar radiation in the presence of ZnO catalyst. Research on Chemical Intermediates, 2013, 39, 1981-1996.	2.7	27
60	Synthesis, characterization and gravimetric studies of novel triazole-based compound. International Journal of Low-Carbon Technologies, 2020, 15, 164-170.	2.6	27
61	Curcuminoids as antioxidants and theoretical study of stability of curcumin isomers in gaseous state. Research on Chemical Intermediates, 2013, 39, 4047-4059.	2.7	25
62	Characterization of Î±-tocopherol as interacting agent in polyvinyl alcoholâ€“starch blends. Carbohydrate Polymers, 2013, 98, 1281-1287.	10.2	25
63	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
64	The role of 4-amino-5-phenyl-4H-1,2,4-triazole-3-thiol in the inhibition of nickelâ€“aluminum bronze alloy corrosion: electrochemical and DFT studies. Research on Chemical Intermediates, 2012, 38, 91-103.	2.7	24
65	Photocatalytic degradation of organic pollutants over visible light active plasmonic Ag nanoparticle loaded Ag2SO3 photocatalysts. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 375, 191-200.	3.9	24
66	Solar photocatalytic degradation of 2-chlorophenol with ZnO nanoparticles: optimisation with D-optimal design and study of intermediate mechanisms. Environmental Science and Pollution Research, 2017, 24, 2804-2819.	5.3	23
67	Optimization of hot pressing parameters in membrane electrode assembly fabrication by response surface method. International Journal of Hydrogen Energy, 2013, 38, 9484-9493.	7.1	22
68	Artificial Photosynthesis using LiNbO₃as Photocatalyst for Sustainable and Environmental Friendly Construction and Reduction of Global Warming: A Review. Catalysis Reviews - Science and Engineering, 2014, 56, 175-186.	12.9	22
69	Novel Pyranopyrazoles: Synthesis and Theoretical Studies. Molecules, 2012, 17, 10377-10389.	3.8	21
70	Detection of secreted antimicrobial peptides isolated from cell-free culture supernatant of Paenibacillus alvei AN5. Journal of Industrial Microbiology and Biotechnology, 2013, 40, 571-579.	3.0	21
71	Surface Improvement of Halloysite Nanotubes. Applied Sciences (Switzerland), 2017, 7, 291.	2.5	21
72	The effect of impregnation of activated carbon with SnCl2.2H2O on its porosity, surface composition and CO gas adsorption. Carbon, 2002, 40, 1929-1936.	10.3	20

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73	Photostabilizing Efficiency of PVC in the Presence of Schiff Bases as Photostabilizers. Molecules, 2015, 20, 19886-19899.	3.8	20
74	Inhibition of Aluminum Alloy Corrosion in 0.5ÂM Nitric Acid Solution by 4-4-Dimethyloxazolidine-2-thione. Journal of Materials Engineering and Performance, 2011, 20, 394-398.	2.5	19
75	Synthesis and Characterization of Some New 4-Hydroxy-coumarin Derivatives. Molecules, 2014, 19, 11791-11799.	3.8	19
76	Effect of silica on the thermal behaviour and ionic conductivity of mixed salt solid acid composites. Journal of Alloys and Compounds, 2017, 690, 896-902.	5.5	19
77	Characterization of electrodes and performance tests on MEAs with varying platinum content and under various operational conditions. International Journal of Hydrogen Energy, 2013, 38, 9431-9437.	7.1	18
78	Study on the electronic properties and molecule adsorption of W 18 O 49 Ânanowires as a catalyst support in the cathodes of direct methanol fuel cells. Journal of Power Sources, 2015, 288, 461-472.	7.8	17
79	Poly(methyl methacrylate)/SIO2 hybrid membranes: Effect of solvents on structural and thermal properties. Journal of Applied Polymer Science, 2006, 99, 3163-3171.	2.6	16
80	Modeling of Breakthrough Curves for Adsorption of Propane, n-Butane, and Iso-Butane Mixture on 5A Molecular Sieve Zeolite. Transport in Porous Media, 2011, 86, 215-228.	2.6	16
81	Photodegradation of chlorophenolic compounds using zinc oxide as photocatalyst: experimental and theoretical studies. Research on Chemical Intermediates, 2012, 38, 995-1005.	2.7	16
82	Quantum chemical calculation for the inhibitory effect of compounds. Journal of Structural Chemistry, 2013, 54, 301-308.	1.0	16
83	Effect of surfactants in synthesis of CsH2PO4 as protonic conductive membrane. Bulletin of Materials Science, 2011, 34, 759-765.	1.7	15
84	Evaluation of methane generation rate and potential from selected landfills in Malaysia. International Journal of Environmental Science and Technology, 2014, 11, 377-384.	3.5	15
85	Prediction of multi component equilibrium isotherms for light hydrocarbons adsorption on 5A zeolite. Fluid Phase Equilibria, 2012, 313, 165-170.	2.5	14
86	Empirical gas emission and oxidation measurement at cover soil of dumping site: example from Malaysia. Environmental Monitoring and Assessment, 2013, 185, 4919-4932.	2.7	14
87	Synthesis of new coumarins complemented by quantum chemical studies. Research on Chemical Intermediates, 2016, 42, 3905-3918.	2.7	14
88	Chlorophenols in Tigris River and Drinking Water of Baghdad, Iraq. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 106-112.	2.7	13
89	Temperature-dependent diffusion coefficient of soluble substances during ethanol extraction of clove. JAOCS, Journal of the American Oil Chemists' Society, 1996, 73, 603-610.	1.9	12
90	Corrosion Inhibition of Copper-nickel Alloy: Experimental and Theoretical Studies. Journal of the Korean Chemical Society, 2012, 56, 406-415.	0.2	12

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91	Separation and identification of eugenol in ethanol extract of cloves by reversed-phase high-performance liquid chromatography. JAOCS, Journal of the American Oil Chemists' Society, 1995, 72, 1231-1233.	1.9	11
92	Fabrication of gas diffusion layer based on xâ€“y robotic spraying technique for proton exchange membrane fuel cell application. Energy Conversion and Management, 2009, 50, 1419-1425.	9.2	11
93	Inhibition of galvanic corrosion by 4-amino-5-phenyl-4H-1, 2, 4-trizole-3-thiol. International Journal of Surface Science and Engineering, 2011, 5, 226.	0.4	10
94	Direct Acetylation and Determination of Chlorophenols in Aqueous Samples by Gas Chromatography Coupled with an Electron-Capture Detector. Journal of Chromatographic Science, 2012, 50, 564-568.	1.4	10
95	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. Journal of Computational and Theoretical Nanoscience, 2013, 10, 2453-2457.	0.4	10
96	Synthesis of Vanadium Pentoxide Nanoparticles as Catalysts for the Ozonation of Palm Oil. Ozone: Science and Engineering, 2016, 38, 36-41.	2.5	10
97	MAFRAMâ€”A new fate and risk assessment methodology for non-volatile organic chemicals. Journal of Hazardous Materials, 2010, 181, 1080-1087.	12.4	9
98	Synthesis, antimicrobial and antioxidant activities of 5-((2-oxo-2H-chromen-7-yloxy)methyl)-1,3,4-thiadiazol-2(3H)-one derived from umbelliferone. Chemistry of Natural Compounds, 2013, 48, 950-954.	0.8	9
99	Experimental and Numerical Investigations of Heat Transfer Characteristics for Impinging Swirl Flow. Advances in Mechanical Engineering, 2014, 6, 631081.	1.6	9
100	Inhibitive impacts extract of Citrus aurantium leaves of carbon steel in corrosive media. Green Chemistry Letters and Reviews, 2018, 11, 559-566.	4.7	9
101	Optimizing Physio-Mechanical Properties of Halloysite Reinforced Polyurethane Nanocomposites by Taguchi Approach. Science of Advanced Materials, 2017, 9, 949-961.	0.7	9
102	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
103	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. Desalination and Water Treatment, 2012, 48, 50-59.	1.0	8
104	Isolation and identification of a new intracellular antimicrobial peptide produced by Paenibacillus alvei AN5. World Journal of Microbiology and Biotechnology, 2014, 30, 1377-1385.	3.6	8
105	Optimization of Solar Photocatalytic Degradation of Chloroxylenol Using TiO2, Er3+/TiO2, and Ni2+/TiO2 via the Taguchi Orthogonal Array Technique. Catalysts, 2016, 6, 163.	3.5	8
106	New environmental friendly corrosion inhibitor of mild steel in hydrochloric acid solution: Adsorption and thermal studies. Cogent Engineering, 2020, 7, 1826077.	2.2	8
107	Biodiesel Blends Startability and Emissions During Cold, Warm and Hot Conditions. Journal of Nanofluids, 2020, 9, 75-89.	2.7	8
108	Cytoplasmic analysis of Ephestia cautella adult females collected in different regions of Iraq. Journal of Stored Products Research, 1984, 20, 151-152.	2.6	7

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109	Effect of Solvents on Extraction and Adsorption of Natural Dyes Extracted from Cordyline fruticosa and Hylocereus polyrhizus. Asian Journal of Chemistry, 2014, 26, 6285-6288.	0.3	6
110	THE PERFORMANCE OF MONOLITHIC STRUCTURED CALCIUM OXIDE FOR BIODIESEL. International Journal of Automotive and Mechanical Engineering, 2014, 10, 1959-1970.	0.9	6
111	Tunable morphology and band gap alteration of CuO-ZnO nanostructures based photocathode for solar photoelectrochemical cells. Materials Research Express, 2020, 7, 125010.	1.6	6
112	Application of pulse radiolysis to the study of the chemistry of radical anions. Journal of Radioanalytical and Nuclear Chemistry, 1986, 101, 319-327.	1.5	5
113	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
114	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
115	The legend of 4-aminocoumarin: use of the DelÃ©pine reaction for synthesis of 4-iminocoumarin. Research on Chemical Intermediates, 2013, 39, 1385-1391.	2.7	5
116	Evaluation of Morphological Changes of Staphylococcus aureus and Escherichia coli Induced with the Antimicrobial Peptide AN5-1. Applied Biochemistry and Biotechnology, 2015, 175, 1868-1878.	2.9	5
117	KINETIC EVALUATION AND PROCESS PERFORMANCE OF A PILOT GAC-SBBR SYSTEM TREATING RECYCLED PAPER INDUSTRY WASTEWATER. Environmental Engineering and Management Journal, 2012, 11, 829-839.	0.6	5
118	Analysis and Optimization of Operating Parameters of a Membraneâ€Electrode Assembly. Chemical Engineering and Technology, 2011, 34, 439-444.	1.5	4
119	Heavy Metal Biosorption Efficiencies of Expanded Bed Biofilm Reactor and Sequencing Batch Biofilm Reactor. Asian Journal of Chemistry, 2013, 25, 7193-7198.	0.3	4
120	A simple thermal oxidation technique and KOH wet etching process for fuel cell flow field fabrication. International Journal of Hydrogen Energy, 2011, 36, 5136-5142.	7.1	3
121	Investigation of Adding Silicon on Fatigue Properties of Aluminum Based Alloys. Silicon, 2021, 13, 1215-1222.	3.3	3
122	Co-deposition of copper zinc alloy in cyanide-based electrolytes. International Journal of Surface Science and Engineering, 2008, 2, 541.	0.4	2
123	Chemical and Physical Properties Investigation as Indicators for the Ozonation Reaction Completion of Palm Olein. Ozone: Science and Engineering, 2015, 37, 503-508.	2.5	2
124	Corrosion Inhibition of Cold-rolled Low Carbon Steel with Pulse Fiber Laser Ablation in Water. Journal of Materials Engineering and Performance, 2018, 27, 2805-2814.	2.5	2
125	Macro Coumarins as Novel Antioxidants. Oriental Journal of Chemistry, 2018, 34, 2562-2569.	0.3	2
126	Removal of Rhodamine Dye from Water Using Erbium Oxide Nanoparticles. Korean Journal of Materials Research, 2019, 29, 747-752.	0.2	2

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127	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. Journal of Structural Chemistry, 2013, 54, 648-649.	1.0	1
128	Synthesis and Theoretical Studies of Methyl 2-[(2-oxo-2H-chromen-4-yl)oxy]acetate. Asian Journal of Chemistry, 2013, 25, 10357-10359.	0.3	1
129	Selective Ozonolysis ofCis-Crotamiton: Free Catalyzed Oxidative Synthesis of N-ethyl-N-(o-tolyl)formamide as a New Compound. Ozone: Science and Engineering, 2015, 37, 385-390.	2.5	1
130	Free Catalyzed Synthesis of 2,2â€²-Bipyridine via Ozonolysis Technique. Ozone: Science and Engineering, 2017, 39, 417-422.	2.5	1
131	N-[4-(1-Methyl-1H-imidazol-2-yl)-2,4â€²-bipyridin-2â€²-yl]benzene-1,4-diamine. MolBank, 2018, 2018, M1030.	0.5	1
132	2-(2-Imino-1-methylimidazolidin-4-ylidene)hydrazinecarbothioamide. MolBank, 2012, 2012, M763.	0.5	0
133	Synthesis and oxidation of (E)-1,2-diphenyl-2-(arylimino) ethanol derivatives. Research on Chemical Intermediates, 2013, 39, 2351-2355.	2.7	0
134	Kinetics Transformation of Anatase to Rutile Phase for Titanium Dioxide Nanoparticles Prepared by Sol-Gel Method. Materials Science Forum, 2013, 756, 11-15.	0.3	0
135	Performace Test and Engine Emission on Acid Oleic Oxygenated as Additives Petrol. Jurnal Kejuruteraan, 2010, 22, 53-62.	0.3	0
136	Stability of PVC Films Complemented With Synthetic Bio-Lubricant. , 0, , .		0
137	Synthesis and Characterization of New Zinc Phthalocyanine - Dodecenyl Succinic Anhydride Benzoic Groups. Current Organic Synthesis, 2020, 17, 488-495.	1.3	0