Ahmed A Al-Amiery

List of Publications by Year
in descending order

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146 papers	4,621 citations	81900 39 h-index	123424 61 g-index
151 all docs	151 docs citations	151 times ranked	4183 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	Green synthesis, antimicrobial and cytotoxic effects of silver nanoparticles using Eucalyptus chapmaniana leaves extract. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 58-63.	1.2	198
3	The Antioxidant Activity of New Coumarin Derivatives. International Journal of Molecular Sciences, 2011, 12, 5747-5761.	4.1	130
4	Synthesis and characterization of a novel organic corrosion inhibitor for mild steel in 1â€¯M hydrochloric acid. Results in Physics, 2018, 8, 728-733.	4.1	111
5	Synthesis and characterization of a novel eco-friendly corrosion inhibition for mild steel in 1â€‰M hydrochloric acid. Scientific Reports, 2016, 6, 19890.	3.3	101
6	Coumarins: The Antimicrobial agents. Systematic Reviews in Pharmacy (discontinued), 2017, 8, 62-70.	0.2	98
7	Antifungal and Antioxidant Activities of Pyrrolidone Thiosemicarbazone Complexes. Bioinorganic Chemistry and Applications, 2012, 2012, 1-6.	4.1	97
8	Novel Corrosion Inhibitor for Mild Steel in HCl. Materials, 2014, 7, 662-672.	2.9	95
9	Inhibition of Mild Steel Corrosion in Hydrochloric Acid Solution by New Coumarin. Materials, 2014, 7, 4335-4348.	2.9	94
10	Antifungal Activities of New Coumarins. Molecules, 2012, 17, 5713-5723.	3.8	85
11	Antimicrobial and Antioxidant Activities of New Metal Complexes Derived from 3-Aminocoumarin. Molecules, 2011, 16, 6969-6984.	3.8	84
12	New Coumarin Derivative as an Eco-Friendly Inhibitor of Corrosion of Mild Steel in Acid Medium. Molecules, 2015, 20, 366-383.	3.8	84
13	The Impact of Halloysite on the Thermo-Mechanical Properties of Polymer Composites. Molecules, 2017, 22, 838.	3.8	82
14	Cytotoxicity, antioxidant, and antimicrobial activities of novel 2-quinolone derivatives derived from coumarin. Research on Chemical Intermediates, 2012, 38, 559-569.	2.7	80
15	A Novel Hydrazinecarbothioamide as a Potential Corrosion Inhibitor for Mild Steel in HCl. Materials, 2013, 6, 1420-1431.	2.9	72
16	Sulphonamides as corrosion inhibitor: Experimental and DFT studies. Journal of Molecular Structure, 2017, 1138, 27-34.	3.6	72
17	Development of new corrosion inhibitor tested on mild steel supported by electrochemical study. Results in Physics, 2018, 8, 1260-1267.	4.1	71
18	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

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19	Antioxidant, antimicrobial, and theoretical studies of the thiosemicarbazone derivative Schiff base 2-(2-imino-1-methylimidazolidin-4-ylidene)hydrazinecarbothioamide (IMHC). Organic and Medicinal Chemistry Letters, 2012, 2, 4.	2.0	67
20	Inhibition of Mild Steel Corrosion in Sulfuric Acid Solution by New Schiff Base. Materials, 2014, 7, 787-804.	2.9	67
21	Experimental and theoretical studies of benzoxazines corrosion inhibitors. Results in Physics, 2017, 7, 4013-4019.	4.1	66
22	Experimental and theoretical studies of Schiff bases as corrosion inhibitors. Chemistry Central Journal, 2018, 12, 7.	2.6	66
23	The Use of Umbelliferone in the Synthesis of New Heterocyclic Compounds. Molecules, 2011, 16, 6833-6843.	3.8	63
24	Coumarins as Potential Antioxidant Agents Complemented with Suggested Mechanisms and Approved by Molecular Modeling Studies. Molecules, 2016, 21, 135.	3.8	60
25	Impact of Sulfuric Acid Treatment of Halloysite on Physico-Chemic Property Modification. Materials, 2016, 9, 620.	2.9	59
26	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
27	Electrochemical Study on Newly Synthesized Chlorocurcumin as an Inhibitor for Mild Steel Corrosion in Hydrochloric Acid. Materials, 2013, 6, 5466-5477.	2.9	55
28	Antioxidant Activity of Coumarins. Systematic Reviews in Pharmacy (discontinued), 2016, 8, 24-30.	0.2	54
29	Hydrogen Peroxide Scavenging Activity of Novel Coumarins Synthesized Using Different Approaches. PLoS ONE, 2015, 10, e0132175.	2.5	53
30	Experimental and theoretical study on the corrosion inhibition of mild steel by nonanedioic acid derivative in hydrochloric acid solution. Scientific Reports, 2022, 12, 4705.	3.3	50
31	Experimental and quantum chemical simulations on the corrosion inhibition of mild steel by 3-((5-(3,5-dinitrophenyl)-1,3,4-thiadiazol-2-yl)imino)indolin-2-one. Results in Physics, 2018, 9, 278-283.	4.1	47
32	Case study on solar water heating for flat plate collector. Case Studies in Thermal Engineering, 2018, 12, 666-671.	5.7	46
33	Synergistic of a coumarin derivative with potassium iodide on the corrosion inhibition of aluminum alloy in 1.0 M H2SO4. Metals and Materials International, 2014, 20, 459-467.	3.4	44
34	Quercetin against MCF7 and CAL51 breast cancer cell lines: apoptosis, gene expression and cytotoxicity of nano-quercetin. Nanomedicine, 2021, 16, 1937-1961.	3.3	44
35	Novel macromolecules derived from coumarin: synthesis and antioxidant activity. Scientific Reports, 2015, 5, 11825.	3.3	43
36	Synthesis and corrosion inhibition application of NATN on mild steel surface in acidic media complemented with DFT studies. Results in Physics, 2018, 8, 1178-1184.	4.1	43

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37	Synthesis, Characterization, Theoretical Crystal Structure, and Antibacterial Activities of Some Transition Metal Complexes of the Thiosemicarbazone (Z)-2-(pyrrolidin-2-ylidene)hydrazinecarbothioamide. Bioinorganic Chemistry and Applications, 2011, 2011, 1-6.	4.1	42
38	Synthesis, Characterization, and Corrosion Inhibition Potential of Novel Thiosemicarbazone on Mild Steel in Sulfuric Acid Environment. Coatings, 2019, 9, 729.	2.6	42
39	Synthesis and antioxidant, antimicrobial evaluation, DFT studies of novel metal complexes derivate from Schiff base. Research on Chemical Intermediates, 2012, 38, 745-759.	2.7	41
40	Effect of 1,3,4-Thiadiazole Scaffold on the Corrosion Inhibition of Mild Steel in Acidic Medium: An Experimental and Computational Study. Journal of Bio- and Tribo-Corrosion, 2019, 5, 1.	2.6	41
41	Quantum chemical assessment of benzimidazole derivatives as corrosion inhibitors. Chemistry Central Journal, 2014, 8, 21.	2.6	40
42	Antimicrobial and antioxidant activities of new metal complexes derived from (E)-3-((5-phenyl-1,3,4-oxadiazol-2-ylimino)methyl)naphthalen-2-ol. Medicinal Chemistry Research, 2012, 21, 3204-3213.	2.4	39
43	Antioxidant and antimicrobial activities of novel quinazolinones. Medicinal Chemistry Research, 2014, 23, 236-242.	2.4	37
44	Electrochemical studies of novel corrosion inhibitor for mild steel in 1â€¯M hydrochloric acid. Results in Physics, 2018, 9, 978-981.	4.1	37
45	Experimental studies on corrosion inhibition performance of acetylthiophene thiosemicarbazone for mild steel in HCl complemented with DFT investigation. International Journal of Low-Carbon Technologies, 2021, 16, 181-188.	2.6	37
46	Synthesis, inhibition effects and quantum chemical studies of a novel coumarin derivative on the corrosion of mild steel in a hydrochloric acid solution. Chemistry Central Journal, 2016, 10, 23.	2.6	35
47	Effect of Multipath Laser Shock Processing on Microhardness, Surface Roughness, and Wear Resistance of 2024-T3 Al Alloy. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	33
48	Antioxidant Activities of 4-Methylumbelliferone Derivatives. PLoS ONE, 2016, 11, e0156625.	2.5	33
49	Case study on thermal impact of novel corrosion inhibitor on mild steel. Case Studies in Thermal Engineering, 2018, 12, 64-68.	5.7	31
50	Synthesis and characterization of polyesters derived from glycerol, azelaic acid, and succinic acid. Green Chemistry Letters and Reviews, 2015, 8, 31-38.	4.7	30
51	Inhibition of Mild Steel Corrosion by 4-benzyl-1-(4-oxo-4-phenylbutanoyl)thiosemicarbazide: Gravimetrical, Adsorption and Theoretical Studies. Lubricants, 2021, 9, 93.	2.9	29
52	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
53	Theoretical, antioxidant and cytotoxic activities of caffeic acid phenethyl ester and chrysin. International Journal of Food Sciences and Nutrition, 2014, 65, 101-105.	2.8	28
54	Protective Effects of Fragaria ananassa Extract Against Cadmium Chloride-Induced Acute Renal Toxicity in Rats. Biological Trace Element Research, 2018, 181, 378-387.	3.5	28

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55	Experimental studies on inhibition of mild steel corrosion by novel synthesized inhibitor complemented with quantum chemical calculations. Results in Physics, 2018, 10, 291-296.	4.1	28
56	Synthesis, characterization and gravimetric studies of novel triazole-based compound. International Journal of Low-Carbon Technologies, 2020, 15, 164-170.	2.6	27
57	Galvanic corrosion of aluminum alloy (Al2024) and copper in 1.0M hydrochloric acid solution. Korean Journal of Chemical Engineering, 2012, 29, 818-822.	2.7	26
58	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
59	Synthesis and Antioxidant Activities of Novel 5-Chlorocurcumin, Complemented by Semiempirical Calculations. Bioinorganic Chemistry and Applications, 2013, 2013, 1-7.	4.1	23
60	Outdoor Performance Analysis of a Photovoltaic Thermal (PVT) Collector with Jet Impingement and Compound Parabolic Concentrator (CPC). Materials, 2017, 10, 888.	2.9	23
61	Unique Halloysite Nanotubesâ€“Polyvinyl Alcoholâ€“Polyvinylpyrrolidone Composite Complemented with Physicoâ€“Chemical Characterization. Polymers, 2017, 9, 207.	4.5	23
62	Terephthalohydrazide and isophthalo- hydrazide as new corrosion inhibitors for mild steel in hydrochloric acid: Experimental and theoretical approaches. Koroze A Ochrana Materialu, 2021, 65, 12-22.	0.7	22
63	Novel Pyranopyrazoles: Synthesis and Theoretical Studies. Molecules, 2012, 17, 10377-10389.	3.8	21
64	Surface Improvement of Halloysite Nanotubes. Applied Sciences (Switzerland), 2017, 7, 291.	2.5	21
65	Insights into Corrosion Inhibition Behavior of a 5-Mercapto-1, 2, 4-triazole Derivative for Mild Steel in Hydrochloric Acid Solution: Experimental and DFT Studies. Lubricants, 2021, 9, 122.	2.9	21
66	Photostabilizing Efficiency of PVC in the Presence of Schiff Bases as Photostabilizers. Molecules, 2015, 20, 19886-19899.	3.8	20
67	Effect of phosphoric acid on the morphology and tensile properties of halloysite-polyurethane composites. Results in Physics, 2018, 9, 33-38.	4.1	20
68	Manufacture of Contact Lens of Nanoparticle-Doped Polymer Complemented with ZEMAX. Nanomaterials, 2020, 10, 2028.	4.1	20
69	Investigating Physio-Thermo-Mechanical Properties of Polyurethane and Thermoplastics Nanocomposite in Various Applications. Polymers, 2021, 13, 2467.	4.5	20
70	ANTI-CORROSION PERFORMANCE OF 2-ISONICOTINOYL-N-PHENYLHYDRAZINECARBOTHIOAMIDE FOR MILD STEEL HYDROCHLORIC ACID SOLUTION: INSIGHTS FROM EXPERIMENTAL MEASUREMENTS AND QUANTUM CHEMICAL CALCULATIONS. Surface Review and Letters, 2021, 28, 2050058.	1.1	20
71	Synthesis and Characterization of Some New 4-Hydroxy-coumarin Derivatives. Molecules, 2014, 19, 11791-11799.	3.8	19
72	Weight Loss, Thermodynamics, SEM, and Electrochemical Studies on N-2-Methylbenzylidene-4-antipyrineamine as an Inhibitor for Mild Steel Corrosion in Hydrochloric Acid. Lubricants, 2022, 10, 23.	2.9	18

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73	Optimizing Injection Molding Parameters of Different Halloysites Type-Reinforced Thermoplastic Polyurethane Nanocomposites via Taguchi Complemented with ANOVA. Materials, 2016, 9, 947.	2.9	17
74	Effect of Starch Loading on the Thermo-Mechanical and Morphological Properties of Polyurethane Composites. Materials, 2017, 10, 777.	2.9	17
75	Thermodynamic and Theoretical Study of the Preparation of New Buckyballs from Corannulene, Coronene, and Circulene. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	16
76	Novel Approach: Tungsten Oxide Nanoparticle as a Catalyst for Malonic Acid Ester Synthesis via Ozonolysis. Journal of Nanomaterials, 2014, 2014, 1-7.	2.7	16
77	A study of acidic corrosion behavior of Furan-Derived schiff base for mild steel in hydrochloric acid environment: Experimental, and surface investigation. Materials Today: Proceedings, 2021, 44, 2337-2341.	1.8	16
78	Anticorrosion effect of thiosemicarbazide derivative on mild steel in 1ÂM hydrochloric acid and 0.5ÂM sulfuric Acid: Gravimetrical and theoretical studies. Materials Science for Energy Technologies, 2021, 4, 263-273.	1.8	16
79	Comparative data on corrosion protection of mild steel in HCl using two new thiazoles. Data in Brief, 2022, 40, 107838.	1.0	16
80	Effect of halloysite nanotubes loading on thermo-mechanical and morphological properties of polyurethane nanocomposites. Materials Technology, 2017, 32, 430-442.	3.0	15
81	Synthesis of new coumarins complemented by quantum chemical studies. Research on Chemical Intermediates, 2016, 42, 3905-3918.	2.7	14
82	SELECTED BIS-THIADIAZOLE: SYNTHESIS AND CORROSION INHIBITION STUDIES ON MILD STEEL IN HCL ENVIRONMENT. Surface Review and Letters, 2020, 27, 2050014.	1.1	14
83	Enhancement of the Wear Resistance and Microhardness of Aluminum Alloy by Nd:YaG Laser Treatment. Scientific World Journal, The, 2014, 2014, 1-5.	2.1	13
84	Vision Improvement Using Titanium Dioxide Nanoparticles-Doped PMMA for Contact Lenses. Engineering and Technology Journal, 2020, 38, 681-689.	0.7	13
85	Green Antioxidants: Synthesis and Scavenging Activity of Coumarin-Thiadiazoles as Potential Antioxidants Complemented by Molecular Modeling Studies. Free Radicals and Antioxidants, 2016, 6, 173-177.	0.3	13
86	Novel Blue-Wavelength-Blocking Contact Lens with Er3+/TiO2 NPs: Manufacture and Characterization. Nanomaterials, 2021, 11, 2190.	4.1	12
87	Corrosion inhibition effect of 2-N-phenylamino-5-(3-phenyl-3-oxo-1-propyl)-1,3,4-oxadiazole on mild steel in 1â€¯M hydrochloric acid medium: Insight from gravimetric and DFT investigations. Materials Science for Energy Technologies, 2021, 4, 398-406.	1.8	11
88	Exploration of furan derivative for application as corrosion inhibitor for mild steel in hydrochloric acid solution: Effect of immersion time and temperature on efficiency. Materials Today: Proceedings, 2021, 42, 2968-2973.	1.8	11
89	Enhancement of the Properties of Hybridizing Epoxy and Nanoclay for Mechanical, Industrial, and Biomedical Applications. Polymers, 2022, 14, 526.	4.5	11
90	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

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91	Synthesis of Vanadium Pentoxide Nanoparticles as Catalysts for the Ozonation of Palm Oil. Ozone: Science and Engineering, 2016, 38, 36-41.	2.5	10
92	Nano-Titanium Oxide in Polymeric Contact Lenses: Short Communication. Nanomanufacturing, 2022, 2, 71-81.	3.6	10
93	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
94	Absolute variation of the mechanical characteristics of halloysite reinforced polyurethane nanocomposites complemented by Taguchi and ANOVA approaches. Results in Physics, 2017, 7, 3287-3300.	4.1	9
95	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
96	Stability and thermal conductivity of different nano-composite material prepared for thermal energy storage applications. South African Journal of Chemical Engineering, 2022, 39, 72-89.	2.4	9
97	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
98	New environmental friendly corrosion inhibitor of mild steel in hydrochloric acid solution: Adsorption and thermal studies. Cogent Engineering, 2020, 7, 1826077.	2.2	8
99	Computational Calculations, Gravimetrical, and Surface Morphological Investigations of Corrosion Inhibition Effect of Triazole Derivative on Mild Steel in HCl. Journal of Computational and Theoretical Nanoscience, 2020, 17, 4797-4804.	0.4	8
100	Photo Catalytic Degradation of Methylene Blue by Using CuO Nanoparticles. International Journal of Computation and Applied Sciences, 2016, 1, 1-4.	0.3	8
101	Biodiesel Blends Startability and Emissions During Cold, Warm and Hot Conditions. Journal of Nanofluids, 2020, 9, 75-89.	2.7	8
102	Polymer solar cells with enhanced power conversion efficiency using nanomaterials and laser techniques. Materials Technology, 2017, 32, 279-298.	3.0	7
103	Hypothetical Design of Carbon Nanotube Materials Based on [8]Circulene. Journal of Nanoelectronics and Optoelectronics, 2015, 10, 711-716.	0.5	7
104	Inhibition Effect of Hydrazine-Derived Coumarin on a Mild Steel Surface in Hydrochloric acid. Tribologia: Finnish Journal of Tribology, 2020, 37, .	0.6	7
105	An Efficient Synthesis of Novel Imidazo-Aminopyridinyl Derivatives from 2-Chloro-4-cyanopyridine. Organic Preparations and Procedures International, 2020, 52, 361-367.	1.3	6
106	Physical Properties of Halloysite Nanotubes-Polyvinyl Alcohol Nanocomposites Using Malonic Acid Crosslinked. Jurnal Kejuruteraan, 2017, 29, 71-77.	0.3	6
107	Adding Nano-TiO2 to Water and Paraffin to Enhance Total Efficiency of a Photovoltaic Thermal PV/T System Subjected to Harsh Weathers. Nanomaterials, 2022, 12, 2266.	4.1	6
108	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

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109	Microwave-assisted solvent-free synthesis of new polyimine. Cogent Chemistry, 2015, 1, 1075853.	2.5	5
110	Characterization the effects of nanofluids and heating on flow in a baffled vertical channel. International Journal of Mechanical and Materials Engineering, 2019, 14, .	2.2	5
111	Mechanical and morphology properties of titanium oxide-epoxy nanocomposites. International Journal of Low-Carbon Technologies, 2021, 16, 240-245.	2.6	5
112	The synergistic role of azomethine group and triazole ring at improving the anti-corrosive performance of 2-amino-4-phenylthiazole. South African Journal of Chemical Engineering, 2021, 38, 41-53.	2.4	5
113	Synthesis, anti-inflammatory effects, molecular docking and molecular dynamics studies of 4-hydroxy coumarin derivatives as inhibitors of COX-II enzyme. Journal of Molecular Structure, 2022, 1247, 131377.	3.6	5
114	Synthesis, Antibacterial Activity, and Molecular Docking Study of Bispyrazoleâ€Based Derivatives as Potential Antibacterial Agents. ChemistrySelect, 2022, 7, .	1.5	5
115	Synthesis, structure elucidation and DFT studies of new thiadiazoles. International Journal of Physical Sciences, 2011, 6, .	0.4	4
116	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
117	Molecular simulation for novel carbon buckyball materials. Cogent Chemistry, 2015, 1, 1026638.	2.5	4
118	Efficient Catalyst One-Pot Synthesis of 7-(Aryl)-10,10-dimethyl-10,11-dihydrochromeno[4,3-b]chromene-6,8(7H,9H)-dione Derivatives Complemented by Antibacterial Activity. BioMed Research International, 2016, 2016, 1-7.	1.9	4
119	Benzylidene as Efficient Corrosion Inhibition of Mild Steel in Acidic Solution. Proceedings (mdpi), 2019, 41, .	0.2	4
120	Experimental and Theoretical Approach to the Corrosion Inhibition of Mild Steel in HCl Solution by a Newly Coumarin. Proceedings (mdpi), 2019, 41, .	0.2	4
121	Single-mode optical fibers coupling: Study of the field of view. IOP Conference Series: Materials Science and Engineering, 2021, 1045, 012009.	0.6	4
122	The inhibition of mild steel corrosion in 0.5 M H2SO4 solution by N-phenethylhydrazinecarbothioamide (N-PHC). Journal of Physics: Conference Series, 2021, 1795, 012009.	0.4	4
123	Anticorrosion and antibacterial effects of new Schiff base derived from hydrazine. Journal of Physics: Conference Series, 2021, 1795, 012021.	0.4	4
124	Ultralow Sulfur Diesel and Rapeseed Methyl Ester Fuel Impact on Performance, Emitted Regulated, Unregulated, and Nanoparticle Pollutants. ACS Omega, 2022, 7, 26056-26075.	3.5	4
125	Investigation of Adding Silicon on Fatigue Properties of Aluminum Based Alloys. Silicon, 2021, 13, 1215-1222.	3.3	3
126	Thermal, mechanical and morphological properties of polyurethaneâ€“zirconia loading. International Journal of Low-Carbon Technologies, 2021, 16, 454-462.	2.6	3

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127	Facile Preparation of Carbon Nitride-ZnO Hybrid Adsorbent for CO2 Capture: The Significant Role of Amine Source to Metal Oxide Ratio. Catalysts, 2021, 11, 1253.	3.5	3
128	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
129	Theoretical Studies on Electrophilic Aromatic Substitution Reaction for 8-Hydroxyquinoline. Oriental Journal of Chemistry, 2016, 32, 253-260.	0.3	2
130	Macro Coumarins as Novel Antioxidants. Oriental Journal of Chemistry, 2018, 34, 2562-2569.	0.3	2
131	Human Eye Response to the Iris Diameter Variation at polychromatic light Programmatically. Journal of Physics: Conference Series, 2021, 1795, 012025.	0.4	2
132	Synthesis and characterization of triazol derivative as new corrosion inhibitor for mild steel in 1M HCl solution complemented with antibacterial studies. Journal of Physics: Conference Series, 2021, 1795, 012011.	0.4	2
133	X-Ray Fluorescence of Copper, Nickle and Zinc Nanoparticles in Motor Oil Prepared by Laser Treatment. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2021, 83, 178-185.	0.6	2
134	Removal of Rhodamine Dye from Water Using Erbium Oxide Nanoparticles. Korean Journal of Materials Research, 2019, 29, 747-752.	0.2	2
135	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
136	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
137	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
138	Free Catalyzed Synthesis of 2,2â€²-Bipyridine via Ozonolysis Technique. Ozone: Science and Engineering, 2017, 39, 417-422.	2.5	1
139	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
140	2â€²-Chloro-4-(1-methyl-1H-imidazol-2-yl)-2,4â€²-bipyridine. MolBank, 2019, 2019, M1040.	0.5	1
141	Synthesis and Study of the fluorescent properties of 4-hydroxy-coumarin derivatives. Journal of Physics: Conference Series, 2021, 1795, 012001.	0.4	1
142	Synthesis and characterization of a novel eco-friendly corrosion inhibition for mild steel in 1â€‰M hydrochloric acid. , 0, .		1
143	2-(2-Imino-1-methylimidazolidin-4-ylidene)hydrazinecarbothioamide. MolBank, 2012, 2012, M763.	0.5	0
144	Solvent-Free Synthesis of New Coumarins. Organic Chemistry International, 2012, 2012, 1-8.	1.0	0

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145	Rheological characteristics of polyethylene-nanotube composites by capillary rheometry. International Journal of Low-Carbon Technologies, 2021, 16, 165-170.	2.6	0
146	Stability of PVC Films Complemented With Synthetic Bio-Lubricant. , 0, , .		0