

Ahmed A Al-Amiery

List of Publications by Year in descending order

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146
papers

4,621
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81900

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151
times ranked

4183
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, anti-inflammatory effects, molecular docking and molecular dynamics studies of 4-hydroxy coumarin derivatives as inhibitors of COX-II enzyme. <i>Journal of Molecular Structure</i> , 2022, 1247, 131377.	3.6	5
2	Stability and thermal conductivity of different nano-composite material prepared for thermal energy storage applications. <i>South African Journal of Chemical Engineering</i> , 2022, 39, 72-89.	2.4	9
3	Enhancement of the Properties of Hybridizing Epoxy and Nanoclay for Mechanical, Industrial, and Biomedical Applications. <i>Polymers</i> , 2022, 14, 526.	4.5	11
4	Synthesis, Antibacterial Activity, and Molecular Docking Study of Bispyrazole-Based Derivatives as Potential Antibacterial Agents. <i>ChemistrySelect</i> , 2022, 7, .	1.5	5
5	Comparative data on corrosion protection of mild steel in HCl using two new thiazoles. <i>Data in Brief</i> , 2022, 40, 107838.	1.0	16
6	Weight Loss, Thermodynamics, SEM, and Electrochemical Studies on N-2-Methylbenzylidene-4-antipyrineamine as an Inhibitor for Mild Steel Corrosion in Hydrochloric Acid. <i>Lubricants</i> , 2022, 10, 23.	2.9	18
7	Experimental and theoretical study on the corrosion inhibition of mild steel by nonanedioic acid derivative in hydrochloric acid solution. <i>Scientific Reports</i> , 2022, 12, 4705.	3.3	50
8	Nano-Titanium Oxide in Polymeric Contact Lenses: Short Communication. <i>Nanomanufacturing</i> , 2022, 2, 71-81.	3.6	10
9	Adding Nano-TiO ₂ to Water and Paraffin to Enhance Total Efficiency of a Photovoltaic Thermal PV/T System Subjected to Harsh Weathers. <i>Nanomaterials</i> , 2022, 12, 2266.	4.1	6
10	Ultralow Sulfur Diesel and Rapeseed Methyl Ester Fuel Impact on Performance, Emitted Regulated, Unregulated, and Nanoparticle Pollutants. <i>ACS Omega</i> , 2022, 7, 26056-26075.	3.5	4
11	Investigation of Adding Silicon on Fatigue Properties of Aluminum Based Alloys. <i>Silicon</i> , 2021, 13, 1215-1222.	3.3	3
12	Rheological characteristics of polyethylene-nanotube composites by capillary rheometry. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 165-170.	2.6	0
13	Experimental studies on corrosion inhibition performance of acetylthiophene thiosemicarbazone for mild steel in HCl complemented with DFT investigation. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 181-188.	2.6	37
14	Mechanical and morphology properties of titanium oxide-epoxy nanocomposites. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 240-245.	2.6	5
15	Thermal, mechanical and morphological properties of polyurethane-zirconia loading. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 454-462.	2.6	3
16	A study of acidic corrosion behavior of Furan-Derived schiff base for mild steel in hydrochloric acid environment: Experimental, and surface investigation. <i>Materials Today: Proceedings</i> , 2021, 44, 2337-2341.	1.8	16
17	Anticorrosion effect of thiosemicarbazide derivative on mild steel in 1M hydrochloric acid and 0.5M sulfuric Acid: Gravimetric and theoretical studies. <i>Materials Science for Energy Technologies</i> , 2021, 4, 263-273.	1.8	16
18	Corrosion inhibition effect of 2-N-phenylamino-5-(3-phenyl-3-oxo-1-propyl)-1,3,4-oxadiazole on mild steel in 1M hydrochloric acid medium: Insight from gravimetric and DFT investigations. <i>Materials Science for Energy Technologies</i> , 2021, 4, 398-406.	1.8	11

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19	Exploration of furan derivative for application as corrosion inhibitor for mild steel in hydrochloric acid solution: Effect of immersion time and temperature on efficiency. <i>Materials Today: Proceedings</i> , 2021, 42, 2968-2973.	1.8	11
20	Single-mode optical fibers coupling: Study of the field of view. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1045, 012009.	0.6	4
21	Synthesis and Study of the fluorescent properties of 4-hydroxy-coumarin derivatives. <i>Journal of Physics: Conference Series</i> , 2021, 1795, 012001.	0.4	1
22	Human Eye Response to the Iris Diameter Variation at polychromatic light Programmatically. <i>Journal of Physics: Conference Series</i> , 2021, 1795, 012025.	0.4	2
23	The inhibition of mild steel corrosion in 0.5 M H ₂ SO ₄ solution by N-phenethylhydrazinecarbothioamide (N-PHC). <i>Journal of Physics: Conference Series</i> , 2021, 1795, 012009.	0.4	4
24	Synthesis and characterization of triazol derivative as new corrosion inhibitor for mild steel in 1M HCl solution complemented with antibacterial studies. <i>Journal of Physics: Conference Series</i> , 2021, 1795, 012011.	0.4	2
25	Anticorrosion and antibacterial effects of new Schiff base derived from hydrazine. <i>Journal of Physics: Conference Series</i> , 2021, 1795, 012021.	0.4	4
26	Terephthalohydrazide and isophthalo- hydrazide as new corrosion inhibitors for mild steel in hydrochloric acid: Experimental and theoretical approaches. <i>Koroze A Ochrana Materialu</i> , 2021, 65, 12-22.	0.7	22
27	X-Ray Fluorescence of Copper, Nickle and Zinc Nanoparticles in Motor Oil Prepared by Laser Treatment. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2021, 83, 178-185.	0.6	2
28	Investigating Physio-Thermo-Mechanical Properties of Polyurethane and Thermoplastics Nanocomposite in Various Applications. <i>Polymers</i> , 2021, 13, 2467.	4.5	20
29	Novel Blue-Wavelength-Blocking Contact Lens with Er ³⁺ /TiO ₂ NPs: Manufacture and Characterization. <i>Nanomaterials</i> , 2021, 11, 2190.	4.1	12
30	Inhibition of Mild Steel Corrosion by 4-benzyl-1-(4-oxo-4-phenylbutanoyl)thiosemicarbazide: Gravimetric, Adsorption and Theoretical Studies. <i>Lubricants</i> , 2021, 9, 93.	2.9	29
31	Quercetin against MCF7 and CAL51 breast cancer cell lines: apoptosis, gene expression and cytotoxicity of nano-quercetin. <i>Nanomedicine</i> , 2021, 16, 1937-1961.	3.3	44
32	The synergistic role of azomethine group and triazole ring at improving the anti-corrosive performance of 2-amino-4-phenylthiazole. <i>South African Journal of Chemical Engineering</i> , 2021, 38, 41-53.	2.4	5
33	Facile Preparation of Carbon Nitride-ZnO Hybrid Adsorbent for CO ₂ Capture: The Significant Role of Amine Source to Metal Oxide Ratio. <i>Catalysts</i> , 2021, 11, 1253.	3.5	3
34	ANTI-CORROSION PERFORMANCE OF 2-ISONICOTINOYL-N-PHENYLHYDRAZINECARBOTHIOAMIDE FOR MILD STEEL HYDROCHLORIC ACID SOLUTION: INSIGHTS FROM EXPERIMENTAL MEASUREMENTS AND QUANTUM CHEMICAL CALCULATIONS. <i>Surface Review and Letters</i> , 2021, 28, 2050058.	1.1	20
35	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. <i>Lubricants</i> , 2021, 9, 122.	2.9	21
36	An Efficient Synthesis of Novel Imidazo-Aminopyridinyl Derivatives from 2-Chloro-4-cyanopyridine. <i>Organic Preparations and Procedures International</i> , 2020, 52, 361-367.	1.3	6

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37	New environmental friendly corrosion inhibitor of mild steel in hydrochloric acid solution: Adsorption and thermal studies. Cogent Engineering, 2020, 7, 1826077.	2.2	8
38	Manufacture of Contact Lens of Nanoparticle-Doped Polymer Complemented with ZEMAX. Nanomaterials, 2020, 10, 2028.	4.1	20
39	SELECTED BIS-THIADIAZOLE: SYNTHESIS AND CORROSION INHIBITION STUDIES ON MILD STEEL IN HCL ENVIRONMENT. Surface Review and Letters, 2020, 27, 2050014.	1.1	14
40	Synthesis, characterization and gravimetric studies of novel triazole-based compound. International Journal of Low-Carbon Technologies, 2020, 15, 164-170.	2.6	27
41	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
42	Computational Calculations, Gravimetric, 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
43	Vision Improvement Using Titanium Dioxide Nanoparticles-Doped PMMA for Contact Lenses. Engineering and Technology Journal, 2020, 38, 681-689.	0.7	13
44	Biodiesel Blends Startability and Emissions During Cold, Warm and Hot Conditions. Journal of Nanofluids, 2020, 9, 75-89.	2.7	8
45	Inhibition Effect of Hydrazine-Derived Coumarin on a Mild Steel Surface in Hydrochloric acid. Tribologia: Finnish Journal of Tribology, 2020, 37, .	0.6	7
46	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
47	Synthesis, Characterization, and Corrosion Inhibition Potential of Novel Thiosemicarbazone on Mild Steel in Sulfuric Acid Environment. Coatings, 2019, 9, 729.	2.6	42
48	2â€²-Chloro-4-(1-methyl-1H-imidazol-2-yl)-2,4â€²-bipyridine. MolBank, 2019, 2019, M1040.	0.5	1
49	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
50	Benzylidene as Efficient Corrosion Inhibition of Mild Steel in Acidic Solution. Proceedings (mdpi), 2019, 41, .	0.2	4
51	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
52	Removal of Rhodamine Dye from Water Using Erbium Oxide Nanoparticles. Korean Journal of Materials Research, 2019, 29, 747-752.	0.2	2
53	Experimental and theoretical studies of Schiff bases as corrosion inhibitors. Chemistry Central Journal, 2018, 12, 7.	2.6	66
54	Electrochemical studies of novel corrosion inhibitor for mild steel in 1â€²M hydrochloric acid. Results in Physics, 2018, 9, 978-981.	4.1	37

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55	Development of new corrosion inhibitor tested on mild steel supported by electrochemical study. Results in Physics, 2018, 8, 1260-1267.	4.1	71
56	Effect of phosphoric acid on the morphology and tensile properties of halloysite-polyurethane composites. Results in Physics, 2018, 9, 33-38.	4.1	20
57	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
58	Synthesis and characterization of a novel organic corrosion inhibitor for mild steel in 1M hydrochloric acid. Results in Physics, 2018, 8, 728-733.	4.1	111
59	Case study on thermal impact of novel corrosion inhibitor on mild steel. Case Studies in Thermal Engineering, 2018, 12, 64-68.	5.7	31
60	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
61	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
62	N-[4-(1-Methyl-1H-imidazol-2-yl)-2,4-bipyridin-2-yl]benzene-1,4-diamine. MolBank, 2018, 2018, M1030.	0.5	1
63	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
64	Macro Coumarins as Novel Antioxidants. Oriental Journal of Chemistry, 2018, 34, 2562-2569.	0.3	2
65	Case study on solar water heating for flat plate collector. Case Studies in Thermal Engineering, 2018, 12, 666-671.	5.7	46
66	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
67	Sulphonamides as corrosion inhibitor: Experimental and DFT studies. Journal of Molecular Structure, 2017, 1138, 27-34.	3.6	72
68	Effect of halloysite nanotubes loading on thermo-mechanical and morphological properties of polyurethane nanocomposites. Materials Technology, 2017, 32, 430-442.	3.0	15
69	Experimental and theoretical studies of benzoxazines corrosion inhibitors. Results in Physics, 2017, 7, 4013-4019.	4.1	66
70	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
71	Free Catalyzed Synthesis of 2,2'-Bipyridine via Ozonolysis Technique. Ozone: Science and Engineering, 2017, 39, 417-422.	2.5	1
72	Polymer solar cells with enhanced power conversion efficiency using nanomaterials and laser techniques. Materials Technology, 2017, 32, 279-298.	3.0	7

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73	Outdoor Performance Analysis of a Photovoltaic Thermal (PVT) Collector with Jet Impingement and Compound Parabolic Concentrator (CPC). <i>Materials</i> , 2017, 10, 888.	2.9	23
74	Effect of Starch Loading on the Thermo-Mechanical and Morphological Properties of Polyurethane Composites. <i>Materials</i> , 2017, 10, 777.	2.9	17
75	The Impact of Halloysite on the Thermo-Mechanical Properties of Polymer Composites. <i>Molecules</i> , 2017, 22, 838.	3.8	82
76	Unique Halloysite Nanotubes-Polyvinyl Alcohol-Polyvinylpyrrolidone Composite Complemented with Physico-Chemical Characterization. <i>Polymers</i> , 2017, 9, 207.	4.5	23
77	Surface Improvement of Halloysite Nanotubes. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 291.	2.5	21
78	Physical Properties of Halloysite Nanotubes-Polyvinyl Alcohol Nanocomposites Using Malonic Acid Crosslinked. <i>Jurnal Kejuruteraan</i> , 2017, 29, 71-77.	0.3	6
79	Coumarins: The Antimicrobial agents. <i>Systematic Reviews in Pharmacy (discontinued)</i> , 2017, 8, 62-70.	0.2	98
80	Optimizing Injection Molding Parameters of Different Halloysites Type-Reinforced Thermoplastic Polyurethane Nanocomposites via Taguchi Complemented with ANOVA. <i>Materials</i> , 2016, 9, 947.	2.9	17
81	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. <i>BioMed Research International</i> , 2016, 2016, 1-7.	1.9	4
82	Theoretical Studies on Electrophilic Aromatic Substitution Reaction for 8-Hydroxyquinoline. <i>Oriental Journal of Chemistry</i> , 2016, 32, 253-260.	0.3	2
83	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
84	Impact of Sulfuric Acid Treatment of Halloysite on Physico-Chemical Property Modification. <i>Materials</i> , 2016, 9, 620.	2.9	59
85	Coumarins as Potential Antioxidant Agents Complemented with Suggested Mechanisms and Approved by Molecular Modeling Studies. <i>Molecules</i> , 2016, 21, 135.	3.8	60
86	Antioxidant Activities of 4-Methylumbelliferone Derivatives. <i>PLoS ONE</i> , 2016, 11, e0156625.	2.5	33
87	Synthesis and characterization of a novel eco-friendly corrosion inhibition for mild steel in 1% M hydrochloric acid. <i>Scientific Reports</i> , 2016, 6, 19890.	3.3	101
88	Synthesis, inhibition effects and quantum chemical studies of a novel coumarin derivative on the corrosion of mild steel in a hydrochloric acid solution. <i>Chemistry Central Journal</i> , 2016, 10, 23.	2.6	35
89	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
90	Synthesis of new coumarins complemented by quantum chemical studies. <i>Research on Chemical Intermediates</i> , 2016, 42, 3905-3918.	2.7	14

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91	Photo Catalytic Degradation of Methylene Blue by Using CuO Nanoparticles. International Journal of Computation and Applied Sciences, 2016, 1, 1-4.	0.3	8
92	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
93	Antioxidant Activity of Coumarins. Systematic Reviews in Pharmacy (discontinued), 2016, 8, 24-30.	0.2	54
94	New Coumarin Derivative as an Eco-Friendly Inhibitor of Corrosion of Mild Steel in Acid Medium. Molecules, 2015, 20, 366-383.	3.8	84
95	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. Molecules, 2015, 20, 22833-22847.	3.8	487
96	Photostabilizing Efficiency of PVC in the Presence of Schiff Bases as Photostabilizers. Molecules, 2015, 20, 19886-19899.	3.8	20
97	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
98	Microwave-assisted solvent-free synthesis of new polyimine. Cogent Chemistry, 2015, 1, 1075853.	2.5	5
99	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
100	Molecular simulation for novel carbon buckyball materials. Cogent Chemistry, 2015, 1, 1026638.	2.5	4
101	Novel macromolecules derived from coumarin: synthesis and antioxidant activity. Scientific Reports, 2015, 5, 11825.	3.3	43
102	Selective Ozonolysis of <i>Cis</i> -Crotamiton: Free Catalyzed Oxidative Synthesis of N-ethyl-N-(<i>o</i> -tolyl)formamide as a New Compound. Ozone: Science and Engineering, 2015, 37, 385-390.	2.5	1
103	Hypothetical Design of Carbon Nanotube Materials Based on [8]Circulene. Journal of Nanoelectronics and Optoelectronics, 2015, 10, 711-716.	0.5	7
104	Hydrogen Peroxide Scavenging Activity of Novel Coumarins Synthesized Using Different Approaches. PLoS ONE, 2015, 10, e0132175.	2.5	53
105	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
106	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
107	Inhibition of Mild Steel Corrosion in Hydrochloric Acid Solution by New Coumarin. Materials, 2014, 7, 4335-4348.	2.9	94
108	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

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109	Novel Corrosion Inhibitor for Mild Steel in HCl. <i>Materials</i> , 2014, 7, 662-672.	2.9	95
110	Inhibition of Mild Steel Corrosion in Sulfuric Acid Solution by New Schiff Base. <i>Materials</i> , 2014, 7, 787-804.	2.9	67
111	Antioxidant and antimicrobial activities of novel quinazolinones. <i>Medicinal Chemistry Research</i> , 2014, 23, 236-242.	2.4	37
112	Theoretical, antioxidant and cytotoxic activities of caffeic acid phenethyl ester and chrysin. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 101-105.	2.8	28
113	Synergistic of a coumarin derivative with potassium iodide on the corrosion inhibition of aluminum alloy in 1.0 M H ₂ SO ₄ . <i>Metals and Materials International</i> , 2014, 20, 459-467.	3.4	44
114	Quantum chemical assessment of benzimidazole derivatives as corrosion inhibitors. <i>Chemistry Central Journal</i> , 2014, 8, 21.	2.6	40
115	Synthesis and Characterization of Some New 4-Hydroxy-coumarin Derivatives. <i>Molecules</i> , 2014, 19, 11791-11799.	3.8	19
116	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
117	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
118	Green synthesis, antimicrobial and cytotoxic effects of silver nanoparticles using <i>Eucalyptus chapmaniana</i> leaves extract. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 58-63.	1.2	198
119	Inhibition Effects of a Synthesized Novel 4-Aminoantipyrine 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
120	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
121	A Novel Hydrazinecarbothioamide as a Potential Corrosion Inhibitor for Mild Steel in HCl. <i>Materials</i> , 2013, 6, 1420-1431.	2.9	72
122	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
123	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
124	Thermodynamic and Theoretical Study of the Preparation of New Buckyballs from Corannulene, Coronene, and Circulene. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	2.7	16
125	Synthesis and Antioxidant Activities of Novel 5-Chlorocurcumin, Complemented by Semiempirical Calculations. <i>Bioinorganic Chemistry and Applications</i> , 2013, 2013, 1-7.	4.1	23
126	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

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127	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
128	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
129	2-(2-Imino-1-methylimidazolidin-4-ylidene)hydrazinecarbothioamide. MolBank, 2012, 2012, M763.	0.5	0
130	Antifungal and Antioxidant Activities of Pyrrolidone Thiosemicarbazone Complexes. Bioinorganic Chemistry and Applications, 2012, 2012, 1-6.	4.1	97
131	Solvent-Free Synthesis of New Coumarins. Organic Chemistry International, 2012, 2012, 1-8.	1.0	0
132	Novel Pyranopyrazoles: Synthesis and Theoretical Studies. Molecules, 2012, 17, 10377-10389.	3.8	21
133	Antifungal Activities of New Coumarins. Molecules, 2012, 17, 5713-5723.	3.8	85
134	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
135	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
136	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
137	Cytotoxicity, antioxidant, and antimicrobial activities of novel 2-quinolone derivatives derived from coumarin. Research on Chemical Intermediates, 2012, 38, 559-569.	2.7	80
138	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
139	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
140	Synthesis, structure elucidation and DFT studies of new thiadiazoles. International Journal of Physical Sciences, 2011, 6, .	0.4	4
141	The Use of Umbelliferone in the Synthesis of New Heterocyclic Compounds. Molecules, 2011, 16, 6833-6843.	3.8	63
142	The Antioxidant Activity of New Coumarin Derivatives. International Journal of Molecular Sciences, 2011, 12, 5747-5761.	4.1	130
143	Antimicrobial and Antioxidant Activities of New Metal Complexes Derived from 3-Aminocoumarin. Molecules, 2011, 16, 6969-6984.	3.8	84
144	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

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145	Synthesis and characterization of a novel eco-friendly corrosion inhibition for mild steel in 1â€%M hydrochloric acid. , 0, .		1
146	Stability of PVC Films Complemented With Synthetic Bio-Lubricant. , 0, , .		0