

# Eno E Ebenso

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2591776/publications.pdf>

Version: 2024-02-01

342  
papers

20,123  
citations

7069

78  
h-index

17546

121  
g-index

359  
all docs

359  
docs citations

359  
times ranked

6989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in epoxy resins as corrosion inhibitors: design and performance. <i>Journal of Adhesion Science and Technology</i> , 2023, 37, 923-944.	1.4	10
2	Chemical modification of epoxy prepolymers as anticorrosive materials: a review. , 2022, , 273-288.		0
3	Fundamentals of corrosion chemistry. , 2022, , 25-45.		4
4	Ultrasound and microwave heating for the synthesis of green corrosion inhibitors: a literature study. , 2022, , 303-319.		1
5	Epoxy coating as effective anti-corrosive polymeric material for aluminum alloys: Formulation, electrochemical and computational approaches. <i>Journal of Molecular Liquids</i> , 2022, 346, 117886.	2.3	55
6	Corrosion inhibition of steel using different families of organic compounds: Past and present progress. <i>Journal of Molecular Liquids</i> , 2022, 348, 118373.	2.3	33
7	Editorial: Rising Stars: Africa. <i>Frontiers in Chemistry</i> , 2022, 10, 851125.	1.8	0
8	Utilization of ZnO-based materials as anticorrosive agents: a review. , 2022, , 161-182.		3
9	Development of QSAR-based (MLR/ANN) predictive models for effective design of pyridazine corrosion inhibitors. <i>Materials Today Communications</i> , 2022, 30, 103163.	0.9	18
10	Electrochemical evaluation of Cd <sup>2+</sup> and Hg <sup>2+</sup> ions in water using ZnO/Cu <sub>2</sub> ONPs/PANI modified SPCE electrode. <i>Sensing and Bio-Sensing Research</i> , 2022, 35, 100476.	2.2	13
11	Computational insights into quinoxaline-based corrosion inhibitors of steel in HCl: Quantum chemical analysis and QSPR-ANN studies. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103870.	2.3	23
12	Electrochemical sensor for the detection of dopamine using carbon quantum dots/copper oxide nanocomposite modified electrode. <i>FlatChem</i> , 2022, 33, 100372.	2.8	38
13	Viscosity of epoxy resins based on aromatic diamines, glucose, bisphenolic and bio-based derivatives: a comprehensive review. <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	8
14	Recent progress on the anticorrosion activities of acridine and acridone derivatives: A review. <i>Journal of Molecular Liquids</i> , 2022, 361, 119686.	2.3	8
15	Influence of temperature and concentration on the molecular interactions of pyrrolidinium-based ionic liquid with water and alcohols: An experimental and DFT studies. <i>Journal of Molecular Liquids</i> , 2022, 360, 119554.	2.3	3
16	Synthesis, physicochemical properties, theoretical and electrochemical studies of tetraglycidyl methylenedianiline. <i>Journal of Molecular Structure</i> , 2022, 1265, 133508.	1.8	20
17	Theoretical Study and Adsorption Behavior of Urea on Mild Steel in Automotive Gas Oil (AGO) Medium. <i>Lubricants</i> , 2022, 10, 157.	1.2	11
18	Essential oil of <i>Dysphania ambrosioides</i> as a green corrosion inhibitor for mild steel in HCl solution. <i>Journal of Molecular Liquids</i> , 2022, 363, 119839.	2.3	37

#	ARTICLE	IF	CITATIONS
19	Designing of phosphorous based highly functional dendrimeric macromolecular resin as an effective coating material for carbon steel in <math>\text{NaCl}</math>: Computational and experimental studies. Journal of Applied Polymer Science, 2021, 138, 49673.	1.3	38
20	Recent developments in sustainable corrosion inhibition using ionic liquids: A review. Journal of Molecular Liquids, 2021, 321, 114484.	2.3	51
21	N-substituted carbazoles as corrosion inhibitors in microbiologically influenced and acidic corrosion of mild steel: Gravimetric, electrochemical, surface and computational studies. Journal of Molecular Structure, 2021, 1223, 129328.	1.8	22
22	Phenolic fraction of Ammi visnaga extract as environmentally friendly antioxidant and corrosion inhibitor for mild steel in acidic medium. Journal of Molecular Liquids, 2021, 323, 114950.	2.3	45
23	Experimental, adsorption, quantum chemical and molecular dynamics simulation studies on the corrosion inhibition performance of Vincamine on J55 steel in acidic medium. Journal of Molecular Structure, 2021, 1227, 129533.	1.8	29
24	Insights into corrosion inhibition mechanism of mild steel in 1% M HCl solution by quinoxaline derivatives: electrochemical, SEM/EDAX, UV-visible, FT-IR and theoretical approaches. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125810.	2.3	48
25	Challenges and advantages of using plant extract as inhibitors in modern corrosion inhibition systems: Recent advancements. Journal of Molecular Liquids, 2021, 321, 114666.	2.3	140
26	Molecularly imprinted polymers (MIPs) based electrochemical sensors for the determination of catecholamine neurotransmitters – Review. Electrochemical Science Advances, 2021, 1, e2000026.	1.2	27
27	Recent developments in sustainable corrosion inhibitors: design, performance and industrial scale applications. Materials Advances, 2021, 2, 3806-3850.	2.6	129
28	Molecular modelling of compounds used for corrosion inhibition studies: a review. Physical Chemistry Chemical Physics, 2021, 23, 19987-20027.	1.3	78
29	Thiol (-SH) substituent as functional motif for effective corrosion protection: A review on current advancements and future directions. Journal of Molecular Liquids, 2021, 324, 115111.	2.3	17
30	Electrochemical Detection of Endosulfan Using an AONP-PANI-SWCNT Modified Glassy Carbon Electrode. Materials, 2021, 14, 723.	1.3	22
31	Dendrimeric Epoxy Resins Based on Hexachlorocyclotriphosphazene as a Reactive Flame Retardant Polymeric Materials: A Review. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3240-3261.	1.9	23
32	Environmental, safety and economic risks of Covid-19 pandemic in petroleum industries: A prospective. Journal of Petroleum Science and Engineering, 2021, 198, 108161.	2.1	8
33	Interference Free Simultaneous Detection of Dihydroxy Benzene Isomers at Cost-effective and Reliable Celestine Blue Modified Glassy Carbon Electrode. ChemistrySelect, 2021, 6, 2379-2386.	0.7	8
34	Understanding the role of Dimethylformamide as co-solvents in the dissolution of cellulose in ionic liquids: Experimental and theoretical approach. Journal of Molecular Liquids, 2021, 328, 115392.	2.3	19
35	Simultaneous electrochemical sensing of dihydroxy benzene isomers at cost-effective allura red polymeric film modified glassy carbon electrode. Journal of Analytical Science and Technology, 2021, 12, .	1.0	11
36	Electrochemical Sensors and Techniques for Detection of Heavy Metals in Water: African Research Group Contribution. ECS Meeting Abstracts, 2021, MA2021-01, 1877-1877.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Recent advancements in corrosion inhibitor systems through carbon allotropes: Past, present, and future. <i>Nano Select</i> , 2021, 2, 2237-2255.	1.9	24
38	Investigation of phenol-formaldehyde resins as corrosion impeding agent in acid solution. <i>Journal of Molecular Liquids</i> , 2021, 330, 115649.	2.3	25
39	Electrochemical Characterization and Detection of Lead in Water Using SPCE Modified with BiONPs/PANI. <i>Nanomaterials</i> , 2021, 11, 1294.	1.9	14
40	Conductive Nanodiamond-Based Detection of Neurotransmitters: One Decade, Few Sensors. <i>ACS Omega</i> , 2021, 6, 18548-18558.	1.6	6
41	Phthalocyanine, naphthalocyanine and their derivatives as corrosion inhibitors: A review. <i>Journal of Molecular Liquids</i> , 2021, 334, 116441.	2.3	33
42	Computational Modeling: Theoretical Predictive Tools for Designing of Potential Organic Corrosion Inhibitors. <i>Journal of Molecular Structure</i> , 2021, 1236, 130294.	1.8	54
43	Synthesis and characterization of walnut husk extract-silver nanocomposites for removal of heavy metals from petroleum wastewater and its consequences on pipework steel corrosion. <i>Journal of Molecular Liquids</i> , 2021, 335, 116132.	2.3	23
44	Flame retardancy of an intumescent epoxy resin containing cyclotriphosphazene: experimental, computational and statistical studies. <i>Iranian Polymer Journal (English Edition)</i> , 2021, 30, 1169-1179.	1.3	8
45	Multifunctional silver nanocomposite: A potential material for antiscaling, antimicrobial and anticorrosive applications. <i>Jcis Open</i> , 2021, 3, 100012.	1.5	6
46	Quantitative structure activity relationship and artificial neural network as vital tools in predicting coordination capabilities of organic compounds with metal surface: A review. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214101.	9.5	40
47	Investigating the synergism of some hydrazinecarboxamides and iodide ions as corrosion inhibitor formulations for mild steel in hydrochloric Acid: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2021, 343, 117600.	2.3	17
48	Polymer nanocomposites as industrially useful corrosion inhibitors: recent developments. , 2021, , 419-435.		3
49	Chromeno-carbonitriles as corrosion inhibitors for mild steel in acidic solution: electrochemical, surface and computational studies. <i>RSC Advances</i> , 2021, 11, 2462-2475.	1.7	26
50	Aminomethylpyridazine isomers as corrosion inhibitors for mild steel in 1M HCl: Electrochemical, DFT and Monte Carlo simulation studies. <i>Journal of Molecular Liquids</i> , 2021, 344, 117882.	2.3	18
51	Experimental and molecular docking studies in understanding the biomolecular interactions between stem bromelain and imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 297, 111785.	2.3	13
52	DGEBA polyaminoamide as effective anti-corrosive material for 15CDV6 steel in NaCl medium: Computational and experimental studies. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48402.	1.3	94
53	Pyrazole derivatives as environmental benign acid corrosion inhibitors for mild steel: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020, 298, 111943.	2.3	54
54	Anti-corrosive property of bioinspired environmental benign imidazole and isoxazoline heterocyclics: A cumulative studies of experimental and DFT methods. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 103-119.	1.4	21

#	ARTICLE	IF	CITATIONS
55	Experimental and computational studies on propanone derivatives of quinoxalin-6-yl-4,5-dihydropyrazole as inhibitors of mild steel corrosion in hydrochloric acid. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 104-116.	5.0	123
56	Electrochemical, surface and computational studies on the inhibition performance of some newly synthesized 8-hydroxyquinoline derivatives containing benzimidazole moiety against the corrosion of carbon steel in phosphoric acid environment. <i>Journal of Materials Research and Technology</i> , 2020, 9, 727-748.	2.6	80
57	Interfacial adsorption behavior of quaternary phosphonium based ionic liquids on metal-electrolyte interface: Electrochemical, surface characterization and computational approaches. <i>Journal of Molecular Liquids</i> , 2020, 298, 111995.	2.3	26
58	Epoxy prepolymer as a novel anti-corrosive material for carbon steel in acidic solution: Electrochemical, surface and computational studies. <i>Materials Today Communications</i> , 2020, 22, 100800.	0.9	28
59	Imidazoles as highly effective heterocyclic corrosion inhibitors for metals and alloys in aqueous electrolytes: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 341-358.	2.7	68
60	Epoxy resin and TiO <sub>2</sub> composite as anticorrosive material for carbon steel in 3% NaCl medium: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020, 317, 114249.	2.3	22
61	Quinoline and its derivatives as corrosion inhibitors: A review. <i>Surfaces and Interfaces</i> , 2020, 21, 100634.	1.5	63
62	Trifunctional epoxy resin as anticorrosive material for carbon steel in 1 M HCl: Experimental and computational studies. <i>Surfaces and Interfaces</i> , 2020, 21, 100707.	1.5	13
63	Epoxy resins as anticorrosive polymeric materials: A review. <i>Reactive and Functional Polymers</i> , 2020, 156, 104741.	2.0	144
64	Molecular structural aspects of organic corrosion inhibitors: Influence of $\text{CN}^-$ and $\text{NO}_2^-$ substituents on designing of potential corrosion inhibitors for aqueous media. <i>Journal of Molecular Liquids</i> , 2020, 316, 113874.	2.3	67
65	Synthesis and structures of divalent Co, Ni, Zn and Cd complexes of mixed dichalcogen and dipnictogen ligands with corrosion inhibition properties: experimental and computational studies. <i>RSC Advances</i> , 2020, 10, 41967-41982.	1.7	25
66	Carbon-Based Quantum Dots for Electrochemical Detection of Monoamine Neurotransmitters—Review. <i>Biosensors</i> , 2020, 10, 162.	2.3	22
67	Synthesis, Electrochemical Studies, and Antimicrobial Properties of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles from <i>Callistemon viminalis</i> Plant Extracts. <i>Materials</i> , 2020, 13, 4894.	1.3	14
68	Electrochemical Determination of Caffeine Using Bimetallic Au <sup>+</sup> Ag Nanoparticles Obtained from Low-cost Green Synthesis. <i>Electroanalysis</i> , 2020, 32, 2745-2755.	1.5	14
69	Development and Anti-corrosion Performance of Polymeric Epoxy Resin and their Zinc Phosphate Composite on 15CDV6 Steel in 3wt% NaCl: Experimental and Computational Studies. <i>Journal of Bio- and Tribo-Corrosion</i> , 2020, 6, 1.	1.2	24
70	Adsorption and Corrosion Inhibition Potentials of Salicylaldehyde-based Schiff Bases of Semicarbazide and p-Toluidine on Mild Steel in Acidic Medium: Experimental and Computational Studies. <i>Surfaces and Interfaces</i> , 2020, 21, 100782.	1.5	28
71	Green Wastes Mediated Zinc Oxide Nanoparticles: Synthesis, Characterization and Electrochemical Studies. <i>Materials</i> , 2020, 13, 4241.	1.3	21
72	Progress in electrochemical detection of neurotransmitters using carbon nanotubes/nanocomposite based materials: A chronological review. <i>Nano Select</i> , 2020, 1, 561-611.	1.9	9

#	ARTICLE	IF	CITATIONS
73	SPEEK/ZnO Nanocomposite Modified Gold Electrode for Electrochemical Detection of Dopamine. <i>Electroanalysis</i> , 2020, 32, 2713-2722.	1.5	4
74	Fabrication on designing of a macromolecular epoxy resin as anti-corrosive coating material for electrocatalytically deposited cadmium on 15CDV6 steel in 3% NaCl solution. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5549-5563.	2.6	11
75	Impact of selected ionic liquids on corrosion protection of mild steel in acidic medium: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020, 314, 113609.	2.3	42
76	The inhibitory effect of two 5-alkylthio-8-hydroxyquinoline salts on steel C22E in a molar electrolyte of hydrochloric acid: Experimental and theoretical studies. <i>Surfaces and Interfaces</i> , 2020, 20, 100575.	1.5	10
77	Comparative Investigation of Corrosion-Mitigating Behavior of Thiadiazole-Derived Bis-Schiff Bases for Mild Steel in Acid Medium: Experimental, Theoretical, and Surface Study. <i>ACS Omega</i> , 2020, 5, 13503-13520.	1.6	63
78	Experimental and computational studies on hydroxamic acids as environmental friendly chelating corrosion inhibitors for mild steel in aqueous acidic medium. <i>Journal of Molecular Liquids</i> , 2020, 314, 113651.	2.3	42
79	Experimental and computational mediated illustration of effect of different substituents on adsorption tendency of phthalazinone derivatives on mild steel surface in acidic medium. <i>Journal of Molecular Liquids</i> , 2020, 305, 112844.	2.3	33
80	8-Hydroxyquinoline based chitosan derived carbohydrate polymer as biodegradable and sustainable acid corrosion inhibitor for mild steel: Experimental and computational analyses. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 645-655.	3.6	120
81	Epoxy resins and their zinc composites as novel anti-corrosive materials for copper in 3% sodium chloride solution: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020, 315, 113757.	2.3	69
82	Evaluation of some amino benzoic acid and 4-aminoantipyrine derived Schiff bases as corrosion inhibitors for mild steel in acidic medium: Synthesis, experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020, 315, 113773.	2.3	33
83	Synthesis of Macromolecular Aromatic Epoxy Resins as Anticorrosive Materials: Computational Modeling Reinforced Experimental Studies. <i>ACS Omega</i> , 2020, 5, 3151-3164.	1.6	23
84	Fabrication of polymer based epoxy resin as effective anti-corrosive coating for steel: Computational modeling reinforced experimental studies. <i>Surfaces and Interfaces</i> , 2020, 18, 100454.	1.5	77
85	Highly durable macromolecular epoxy resin as anticorrosive coating material for carbon steel in 3% NaCl: Computational supported experimental studies. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49003.	1.3	66
86	Highly functionalized epoxy macromolecule as an anti-corrosive material for carbon steel: Computational (DFT, MDS), surface (SEM-EDS) and electrochemical (OCP, PDP, EIS) studies. <i>Journal of Molecular Liquids</i> , 2020, 302, 112535.	2.3	69
87	Cyclotriphosphazene based dendrimeric epoxy resin as an anti-corrosive material for copper in 3% NaCl: Experimental and computational demonstrations. <i>Journal of Molecular Liquids</i> , 2020, 308, 113020.	2.3	31
88	A Review on Ammonia Derivatives as Corrosion Inhibitors for Metals and Alloys. <i>Green Energy and Technology</i> , 2020, , 49-67.	0.4	8
89	Experimental and computational investigations on the anti-corrosive and adsorption behavior of 7-N,N-dialkylaminomethyl-8-Hydroxyquinolines on C40E steel surface in acidic medium. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 330-344.	5.0	57
90	Pyridine based N-heterocyclic compounds as aqueous phase corrosion inhibitors: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 117, 265-277.	2.7	65

#	ARTICLE	IF	CITATIONS
91	Inhibition of Acid Corrosion of Mild Steel By Selected Quinoxaliny-Pyrazolyl-Propanones: Electrochemical and Computational Studies. ECS Meeting Abstracts, 2020, MA2020-01, 1003-1003.	0.0	0
92	An Exploration about the Interaction of Mild Steel with Hydrochloric Acid in the Presence of N-(Benzo[thiazole-2-yl)-1-phenylethan-1-imines. Journal of Physical Chemistry C, 2019, 123, 22897-22917.	1.5	73
93	Epoxy pre-polymers as new and effective materials for corrosion inhibition of carbon steel in acidic medium: Computational and experimental studies. Scientific Reports, 2019, 9, 11715.	1.6	90
94	Thermodynamic properties of ternary mixture {[C4mim][SCN] + acetic or propionic acid + acetonitrile} over the temperature range of (293.15–313.15) K. Journal of Chemical Thermodynamics, 2019, 138, 321-331.	1.0	0
95	Dissolution of cellulose in ionic liquids and their mixed cosolvents: A review. Sustainable Chemistry and Pharmacy, 2019, 13, 100162.	1.6	76
96	Superhydrophobic antibacterial polymer coatings. , 2019, , 245-279.		8
97	Synthesis and characterization of anticorrosion zirconia/acrylic nanocomposite resin coatings for steel. Progress in Organic Coatings, 2019, 137, 105337.	1.9	8
98	Ultrasound induced green synthesis of pyrazolo-pyridines as novel corrosion inhibitors useful for industrial pickling process: Experimental and theoretical approach. Results in Physics, 2019, 13, 102344.	2.0	28
99	Evaluation of anti-corrosion performance of an expired semi synthetic antibiotic cefdinir for mild steel in 1 M HCl medium: An experimental and theoretical study. Results in Physics, 2019, 14, 102383.	2.0	51
100	Adsorption and anticorrosive behavior of aromatic epoxy monomers on carbon steel corrosion in acidic solution: computational studies and sustained experimental studies. RSC Advances, 2019, 9, 14782-14796.	1.7	46
101	Anticorrosive property of heterocyclic based epoxy resins on carbon steel corrosion in acidic medium: Electrochemical, surface morphology, DFT and Monte Carlo simulation studies. Journal of Molecular Liquids, 2019, 287, 110977.	2.3	44
102	Effect of substituent dependent molecular structure on anti-corrosive behavior of one-pot multicomponent synthesized pyrimido [2,1-B] benzothiazoles: Computer modelling supported experimental studies. Journal of Molecular Liquids, 2019, 287, 110972.	2.3	42
103	Computational simulation and statistical analysis on the relationship between corrosion inhibition efficiency and molecular structure of some hydrazine derivatives in phosphoric acid on mild steel surface. Applied Surface Science, 2019, 491, 707-722.	3.1	106
104	Anticorrosive properties of Hexa (3-methoxy propan-1,2-diol) cyclotri-phosphazene compound for carbon steel in 3% NaCl medium: gravimetric, electrochemical, DFT and Monte Carlo simulation studies. Heliyon, 2019, 5, e01340.	1.4	56
105	Gravimetric, electrochemical surface and density functional theory study of acetohydroxamic and benzohydroxamic acids as corrosion inhibitors for copper in 1 M HCl. Results in Physics, 2019, 13, 102194.	2.0	42
106	Intermolecular interactions between methanol and some sulphonamide drugs in aqueous medium using thermodynamics approach. Journal of Molecular Liquids, 2019, 283, 451-461.	2.3	13
107	Adsorption and anticorrosion behaviour of mild steel treated with 2-((1H-indol-2-yl)thio)-6-amino-4-phenylpyridine-3,5-dicarbonitriles in a hydrochloric acid solution: Experimental and computational studies. Journal of Molecular Liquids, 2019, 283, 491-506.	2.3	26
108	Rheological, electrochemical, surface, DFT and molecular dynamics simulation studies on the anticorrosive properties of new epoxy monomer compound for steel in 1 M HCl solution. RSC Advances, 2019, 9, 4454-4462.	1.7	62

#	ARTICLE	IF	CITATIONS
109	Green synthesis of ZnO nanoparticles using aqueous <i>Brassica oleracea</i> L. var. <i>italica</i> and the photocatalytic activity. <i>Green Chemistry Letters and Reviews</i> , 2019, 12, 444-457.	2.1	125
110	Acridine-based thiosemicarbazones as novel inhibitors of mild steel corrosion in 1 M HCl: synthesis, electrochemical, DFT and Monte Carlo simulation studies. <i>RSC Advances</i> , 2019, 9, 29590-29599.	1.7	20
111	Transition metal nanoparticles in ionic liquids: Synthesis and stabilization. <i>Journal of Molecular Liquids</i> , 2019, 276, 826-849.	2.3	83
112	Aqueous phase environmental friendly organic corrosion inhibitors derived from one step multicomponent reactions: A review. <i>Journal of Molecular Liquids</i> , 2019, 275, 18-40.	2.3	145
113	Ionic liquid-mediated functionalization of graphene-based materials for versatile applications: a review. <i>Graphene Technology</i> , 2019, 4, 1-15.	1.9	20
114	Experimental, density functional theory and molecular dynamics supported adsorption behavior of environmental benign imidazolium based ionic liquids on mild steel surface in acidic medium. <i>Journal of Molecular Liquids</i> , 2019, 273, 1-15.	2.3	92
115	Effect of temperature on intermolecular interactions between the organic solvents: Insights from density and excess volume. <i>Journal of Chemical Thermodynamics</i> , 2019, 132, 461-469.	1.0	9
116	Electrochemical Properties of Nanoporous Based Materials. , 2019, , 3-24.		0
117	Alkaloids as green and environmental benign corrosion inhibitors: An overview. <i>International Journal of Corrosion and Scale Inhibition</i> , 2019, 8, .	0.5	2
118	Electrochemical and Computational Studies of Some Carbazole Derivatives as Inhibitors of Mild Steel Corrosion in Abiotic and Biotic Environments. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018, 4, 1.	1.2	7
119	Melamine derivatives as effective corrosion inhibitors for mild steel in acidic solution: Chemical, electrochemical, surface and DFT studies. <i>Results in Physics</i> , 2018, 9, 100-112.	2.0	41
120	Surface protection activities of some 6-substituted 3-chloropyridazine derivatives for mild steel in 1 M hydrochloric acid: Experimental and theoretical studies. <i>Surfaces and Interfaces</i> , 2018, 12, 8-19.	1.5	22
121	Interference free detection of dihydroxybenzene isomers at pyrogallol film coated electrode: A voltammetric method. <i>Journal of Electroanalytical Chemistry</i> , 2018, 813, 193-199.	1.9	20
122	Electrochemical sensor for the detection of dopamine in real samples using polyaniline/NiO, ZnO, and Fe <sub>3</sub> O <sub>4</sub> nanocomposites on glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 236-249.	1.9	119
123	Organic corrosion inhibitors for industrial cleaning of ferrous and non-ferrous metals in acidic solutions: A review. <i>Journal of Molecular Liquids</i> , 2018, 256, 565-573.	2.3	379
124	Adsorption characteristics of green 5-arylaminomethylene pyrimidine-2,4,6-triones on mild steel surface in acidic medium: Experimental and computational approach. <i>Results in Physics</i> , 2018, 8, 657-670.	2.0	38
125	Non-toxic Schiff bases as efficient corrosion inhibitors for mild steel in 1 M HCl: Electrochemical, AFM, FE-SEM and theoretical studies. <i>Journal of Molecular Liquids</i> , 2018, 250, 88-99.	2.3	71
126	Gravimetric, Electrochemical, Surface Morphology, DFT, and Monte Carlo Simulation Studies on Three N-Substituted 2-Aminopyridine Derivatives as Corrosion Inhibitors of Mild Steel in Acidic Medium. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11870-11882.	1.5	85

#	ARTICLE	IF	CITATIONS
127	Antimicrobial and Wound Healing Properties of Polyacrylonitrile-Moringa Extract Nanofibers. ACS Omega, 2018, 3, 4791-4797.	1.6	79
128	2-Hydroxy-N-((Thiophene-2-yl)methylene)benzohydrazide: Ultrasound-Assisted Synthesis and Corrosion Inhibition Study. ACS Omega, 2018, 3, 4695-4705.	1.6	50
129	Molecular dynamics and Monte Carlo simulations as powerful tools for study of interfacial adsorption behavior of corrosion inhibitors in aqueous phase: A review. Journal of Molecular Liquids, 2018, 260, 99-120.	2.3	240
130	Synthesis, characterization and corrosion inhibition properties of benzamide-2-chloro-4-nitrobenzoic acid and anthranilic acid-2-chloro-4-nitrobenzoic acid for mild steel corrosion in acidic medium. Journal of Molecular Structure, 2018, 1155, 110-122.	1.8	18
131	Synthesis, characterization and corrosion inhibition studies of N-phenyl-benzamides on the acidic corrosion of mild steel: Experimental and computational studies. Journal of Molecular Liquids, 2018, 251, 317-332.	2.3	111
132	Substituents effect on corrosion inhibition performance of organic compounds in aggressive ionic solutions: A review. Journal of Molecular Liquids, 2018, 251, 100-118.	2.3	276
133	Anticorrosion studies of some hydantoin derivatives for mild steel in 0.5 M HCl solution: Experimental, quantum chemical, Monte Carlo simulations and QSAR studies. Journal of Molecular Liquids, 2018, 252, 62-74.	2.3	40
134	Influence of chlorine atom on interactions between halo-hydrocarbons and 1-nonanol: Density and speed of sound measurements. Journal of Chemical Thermodynamics, 2018, 118, 82-91.	1.0	2
135	Microwave and ultrasound irradiations for the synthesis of environmentally sustainable corrosion inhibitors: An overview. Sustainable Chemistry and Pharmacy, 2018, 10, 134-147.	1.6	69
136	Electrocatalysis of Lindane Using Antimony Oxide Nanoparticles Based-SWCNT/PANI Nanocomposites. Frontiers in Chemistry, 2018, 6, 423.	1.8	14
137	Sulfur and phosphorus heteroatom-containing compounds as corrosion inhibitors: An overview. Heteroatom Chemistry, 2018, 29, .	0.4	116
138	Exploring the Effect of Choline-Based Ionic Liquids on the Stability and Activity of Stem Bromelain. Journal of Physical Chemistry B, 2018, 122, 10435-10444.	1.2	28
139	Molecular interactions of p-chlorotoluene and 1-alkanols at different temperatures: Volumetric, ultrasonic and FT-IR spectroscopic studies. Journal of Molecular Liquids, 2018, 262, 302-309.	2.3	8
140	Hydrogen Bonding Interactions of m-Chlorotoluene with 1-Alkanol Analyzed by Thermodynamic, Fourier Transform Infrared Spectroscopy, Density Functional Theory, and Natural Bond Orbital. ACS Omega, 2018, 3, 4679-4687.	1.6	13
141	An overview on plant extracts as environmental sustainable and green corrosion inhibitors for metals and alloys in aggressive corrosive media. Journal of Molecular Liquids, 2018, 266, 577-590.	2.3	363
142	Inhibition performance of three naphthyridine derivatives for mild steel corrosion in 1M HCl: Computation and experimental analyses. Results in Physics, 2018, 10, 504-511.	2.0	25
143	Aqueous extract of broccoli mediated synthesis of CaO nanoparticles and its application in the photocatalytic degradation of bromocrescol green. IET Nanobiotechnology, 2018, 12, 888-894.	1.9	38
144	Poly (glycine) modified carbon paste electrode for simultaneous determination of catechol and hydroquinone: A voltammetric study. Journal of Electroanalytical Chemistry, 2018, 823, 730-736.	1.9	57

#	ARTICLE	IF	CITATIONS
145	Editorial: Discovery of Novel Molecules for Corrosion Protection Using Computational Chemistry. <i>Frontiers in Chemistry</i> , 2018, 6, 277.	1.8	4
146	Corrosion inhibition performance of newly synthesized 5-alkoxymethyl-8-hydroxyquinoline derivatives for carbon steel in 1 M HCl solution: experimental, DFT and Monte Carlo simulation studies. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20167-20187.	1.3	150
147	Experimental and quantum chemical studies of functionalized tetrahydropyridines as corrosion inhibitors for mild steel in 1 M hydrochloric acid. <i>Results in Physics</i> , 2018, 9, 1481-1493.	2.0	78
148	Chemical, Electrochemical and Computational Studies of Newly Synthesized Novel and Environmental Friendly Heterocyclic Compounds as Corrosion Inhibitors for Mild Steel in Acidic Medium. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018, 4, 1.	1.2	26
149	A Green and Sustainable Approach for Mild Steel Acidic Corrosion Inhibition Using Leaves Extract: Experimental and DFT Studies. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018, 4, 1.	1.2	63
150	Poly(crystal violet) modified pencil graphite electrode sensor for the electroanalysis of catechol in the presence of hydroquinone. <i>Sensing and Bio-Sensing Research</i> , 2018, 20, 47-54.	2.2	29
151	Synthesis, Characterization, and Corrosion Inhibition Performance of 5-Aminopyrazole Carbonitriles Towards Mild Steel Acidic Corrosion. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018, 4, 1.	1.2	6
152	Choline based ionic liquids as sustainable corrosion inhibitors on mild steel surface in acidic medium: Gravimetric, electrochemical, surface morphology, DFT and Monte Carlo simulation studies. <i>Applied Surface Science</i> , 2018, 457, 134-149.	3.1	173
153	Inhibition performance of Glycine max, Cuscuta reflexa and Spirogyra extracts for mild steel dissolution in acidic medium: Density functional theory and experimental studies. <i>Results in Physics</i> , 2018, 10, 665-674.	2.0	49
154	Volatile corrosion inhibitors for ferrous and non-ferrous metals and alloys: A review. <i>International Journal of Corrosion and Scale Inhibition</i> , 2018, 7, .	0.5	4
155	Cibulka correlation for ternary excess/deviation properties of {[C2mim][EtSO4] (x1) + acetic or propionic acid (x2) + acetonitrile (x3)} systems at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2017, 107, 153-162.	1.0	8
156	Electrochemical determination of serotonin in urine samples based on metal oxide nanoparticles/MWCNT on modified glassy carbon electrode. <i>Sensing and Bio-Sensing Research</i> , 2017, 13, 17-27.	2.2	80
157	Morpholine and piperazine based carboxamide derivatives as corrosion inhibitors of mild steel in HCl medium. <i>Journal of Molecular Liquids</i> , 2017, 230, 652-661.	2.3	47
158	Adsorption characteristics of Iota-carrageenan and Inulin biopolymers as potential corrosion inhibitors at mild steel/sulphuric acid interface. <i>Journal of Molecular Liquids</i> , 2017, 232, 9-19.	2.3	82
159	Ionic liquids as green and sustainable corrosion inhibitors for metals and alloys: An overview. <i>Journal of Molecular Liquids</i> , 2017, 233, 403-414.	2.3	431
160	Experimental and theoretical investigation of the inhibitory effect of new pyridazine derivatives for the corrosion of mild steel in 1 M HCl. <i>Journal of Molecular Structure</i> , 2017, 1136, 127-139.	1.8	87
161	Effect of surface treatment on the bioactivity and electrochemical behavior of magnesium alloys in simulated body fluid. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2017, 68, 776-790.	0.8	25
162	Phthalocyanine Doped Metal Oxide Nanoparticles on Multiwalled Carbon Nanotubes Platform for the detection of Dopamine. <i>Scientific Reports</i> , 2017, 7, 43181.	1.6	89

#	ARTICLE	IF	CITATIONS
163	Electrochemical detection of Epinephrine using Polyaniline nanocomposite films doped with TiO <sub>2</sub> and RuO <sub>2</sub> Nanoparticles on Multi-walled Carbon Nanotube. <i>Electrochimica Acta</i> , 2017, 243, 331-348.	2.6	74
164	Ionic salt (4-ethoxybenzyl)-triphenylphosphonium bromide as a green corrosion inhibitor on mild steel in acidic medium: experimental and theoretical evaluation. <i>RSC Advances</i> , 2017, 7, 31907-31920.	1.7	18
165	Experimental, quantum chemical and molecular dynamic simulations studies on the corrosion inhibition of mild steel by some carbazole derivatives. <i>Scientific Reports</i> , 2017, 7, 2436.	1.6	82
166	Biosynthesis and Photocatalytic Properties of SnO <sub>2</sub> Nanoparticles Prepared Using Aqueous Extract of Cauliflower. <i>Journal of Cluster Science</i> , 2017, 28, 1883-1896.	1.7	47
167	Corrosion inhibition of mild steel in 1M HCl by D-glucose derivatives of dihydropyrido [2,3-d:6,5-d'] dipyrimidine-2, 4, 6, 8(1H,3H, 5H,7H)-tetraone. <i>Scientific Reports</i> , 2017, 7, 44432.	1.6	134
168	Polyurethane Based Triblock Copolymers as Corrosion Inhibitors for Mild Steel in 0.5 M H <sub>2</sub> SO <sub>4</sub> . <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 441-456.	1.8	42
169	Coordination behaviours of new (bidentate N,O-chelating) Schiff bases towards copper(II) and nickel(II) metal ions: synthesis, characterization, antimicrobial, antioxidant, and DFT studies. <i>Research on Chemical Intermediates</i> , 2017, 43, 3787-3811.	1.3	30
170	Corrosion inhibitors for ferrous and non-ferrous metals and alloys in ionic sodium chloride solutions: A review. <i>Journal of Molecular Liquids</i> , 2017, 248, 927-942.	2.3	151
171	Anticorrosion performance of three newly synthesized isatin derivatives on carbon steel in hydrochloric acid pickling environment: Electrochemical, surface and theoretical studies. <i>Journal of Molecular Liquids</i> , 2017, 246, 302-316.	2.3	108
172	Synthesis, characterization and corrosion inhibition potential of two novel Schiff bases on mild steel in acidic medium. <i>RSC Advances</i> , 2017, 7, 47148-47163.	1.7	45
173	Synthesis, characterization, DFT calculations and molecular docking studies of metal (II) complexes. <i>Journal of Molecular Structure</i> , 2017, 1150, 279-292.	1.8	40
174	A comparative study of the stability of stem bromelain based on the variation of anions of imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017, 246, 178-186.	2.3	29
175	<i>N,N</i> -Dialkylcystine Gemini and Monomeric <i>N</i> -Alkyl Cysteine Surfactants as Corrosion Inhibitors on Mild Steel Corrosion in 1 M HCl Solution: A Comparative Study. <i>ACS Omega</i> , 2017, 2, 5691-5707.	1.6	60
176	Biopolymer from Tragacanth Gum as a Green Corrosion Inhibitor for Carbon Steel in 1 M HCl Solution. <i>ACS Omega</i> , 2017, 2, 3997-4008.	1.6	77
177	Influence of 6-phenyl-3(2H)-pyridazinone and 3-chloro-6-phenylpyrazine on mild steel corrosion in 0.5M HCl medium: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2017, 1149, 549-559.	1.8	46
178	Zinc Oxide Nanocomposites of Selected Polymers: Synthesis, Characterization, and Corrosion Inhibition Studies on Mild Steel in HCl Solution. <i>ACS Omega</i> , 2017, 2, 8421-8437.	1.6	125
179	Biosynthesis, Electrochemical, Antimicrobial and Antioxidant Studies of Silver Nanoparticles Mediated by Talinum triangulare Aqueous Leaf Extract. <i>Journal of Cluster Science</i> , 2017, 28, 309-330.	1.7	22
180	Corrosion Mechanism of Steels in MDEA Solution and Material Selection of the Desulfurizing Equipment. <i>International Journal of Electrochemical Science</i> , 2017, 12, 5742-5755.	0.5	4

#	ARTICLE	IF	CITATIONS
181	Silver Nanoparticles Mediated by Costus afer Leaf Extract: Synthesis, Antibacterial, Antioxidant and Electrochemical Properties. <i>Molecules</i> , 2017, 22, 701.	1.7	70
182	Synthesis and Density Functional Theory Studies of Octakis(propyl)porphyrazine and its Zn(II) Complex. <i>Asian Journal of Chemistry</i> , 2017, 29, 496-502.	0.1	0
183	6-phenylpyridazin-3(2H)one as New Corrosion Inhibitor for C38 Steel in 1 M HCl.. <i>International Journal of Electrochemical Science</i> , 2017, 12, 3309-3322.	0.5	13
184	Inhibition of C-steel Corrosion by Green Tea Extract in Hydrochloric Solution. <i>International Journal of Electrochemical Science</i> , 2017, 12, 3283-3295.	0.5	26
185	Synthesis, Characterization, Antimicrobial Studies and Corrosion Inhibition Potential of 1,8-dimethyl-1,3,6,8,10,13-hexaazacyclotetradecane: Experimental and Quantum Chemical Studies. <i>Materials</i> , 2016, 9, 107.	1.3	26
186	A Sensor for the Determination of Lindane Using PANI/Zn, Fe(III) Oxides and Nylon 6,6/MWCNT/Zn, Fe(III) Oxides Nanofibers Modified Glassy Carbon Electrode. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-10.	1.5	17
187	Synthesis, Biological, and Quantum Chemical Studies of Zn(II) and Ni(II) Mixed-Ligand Complexes Derived from N,N-Disubstituted Dithiocarbamate and Benzoic Acid. <i>Journal of Chemistry</i> , 2016, 2016, 1-12.	0.9	26
188	Electrochemical Detection of Phenanthrene Using Nickel Oxide Doped PANI Nanofiber Based Modified Electrodes. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-12.	1.5	14
189	Intermolecular interactions between 2-methyl-2-butanol and petroleum ether at different temperatures: Density, viscosity and refractive index measurements. <i>Journal of Molecular Liquids</i> , 2016, 219, 795-800.	2.3	17
190	3-Amino alkylated indoles as corrosion inhibitors for mild steel in 1M HCl: Experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2016, 219, 647-660.	2.3	110
191	Macrocyclic inhibitor for corrosion of N80 steel in 3.5% NaCl solution saturated with CO <sub>2</sub> . <i>Journal of Molecular Liquids</i> , 2016, 219, 865-874.	2.3	44
192	Experimental and theoretical studies on some selected ionic liquids with different cations/anions as corrosion inhibitors for mild steel in acidic medium. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 64, 252-268.	2.7	145
193	Adsorption Behavior of Glucosamine-Based, Pyrimidine-Fused Heterocycles as Green Corrosion Inhibitors for Mild Steel: Experimental and Theoretical Studies. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11598-11611.	1.5	401
194	Synergistic interactions between tetra butyl phosphonium hydroxide and iodide ions on the mild steel surface for corrosion inhibition in acidic medium. <i>Journal of Molecular Liquids</i> , 2016, 224, 19-29.	2.3	39
195	Adsorption and corrosion inhibition properties of N-{n-[1-R-5-(quinoxalin-6-yl)-4,5-dihydropyrazol-3-yl]phenyl}methanesulfonamides on mild steel in 1 M HCl: experimental and theoretical studies. <i>RSC Advances</i> , 2016, 6, 86782-86797.	1.7	141
196	A study of the molecular interactions between ammonium-based ionic liquids and N , N -dimethylacetamide. <i>Journal of Molecular Liquids</i> , 2016, 223, 687-698.	2.3	2
197	Vapor-liquid equilibria, density and sound velocity measurements of (water or methanol or ethanol +) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	14
198	Antioxidant properties, computational studies and corrosion inhibition potential of 3-hydroxy-1-(2-hydroxyphenyl)-5-(phenyl)-2,4-pentadien-1-one analogues. <i>Journal of Molecular Liquids</i> , 2016, 223, 819-827.	2.3	2

#	ARTICLE	IF	CITATIONS
199	Electrocatalytic oxidation of Epinephrine and Norepinephrine at metal oxide doped phthalocyanine/MWCNT composite sensor. <i>Scientific Reports</i> , 2016, 6, 26938.	1.6	103
200	Probing Molecular Interactions between Ammonium-Based Ionic Liquids and N,N-Dimethylacetamide: A Combined FTIR, DLS, and DFT Study. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12584-12595.	1.2	16
201	Experimental and theoretical studies on inhibition of mild steel corrosion by some synthesized polyurethane tri-block co-polymers. <i>Scientific Reports</i> , 2016, 6, 30937.	1.6	42
202	Influence of temperature on molecular interactions of imidazolium-based ionic liquids with acetophenone: thermodynamic properties and quantum chemical studies. <i>RSC Advances</i> , 2016, 6, 104708-104723.	1.7	18
203	Dendrimers: A new class of corrosion inhibitors for mild steel in 1M HCl: Experimental and quantum chemical studies. <i>Journal of Molecular Liquids</i> , 2016, 224, 1282-1293.	2.3	39
204	Synthesis, crystal structure, thermal and theoretical studies of bis(N-ethyl-N-phenyldithiocarbamato) Ni(II) and (N-ethyl-N-phenyldithiocarbamato) (isothiocyanato) (triphenylphosphine) Ni(II). <i>Journal of Chemical Sciences</i> , 2016, 128, 1081-1093.	0.7	13
205	2,4-Diamino-5-(phenylthio)-5H-chromeno [2,3-b] pyridine-3-carbonitriles as green and effective corrosion inhibitors: gravimetric, electrochemical, surface morphology and theoretical studies. <i>RSC Advances</i> , 2016, 6, 53933-53948.	1.7	155
206	Interactions of 1-butyl-3-methylimidazolium hexafluorophosphate with N,N-dimethylformamide: Density and viscosity measurements. <i>Journal of Molecular Liquids</i> , 2016, 219, 661-666.	2.3	8
207	Electrochemical, Theoretical, and Surface Morphological Studies of Corrosion Inhibition Effect of Green Naphthyridine Derivatives on Mild Steel in Hydrochloric Acid. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3408-3419.	1.5	270
208	(Liquid + liquid) equilibria measurements for ternary systems (sulfolane + a carboxylic acid + n) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.0	6
209	Interactions of polyvinylpyrrolidone with imidazolium based ionic liquids: Spectroscopic and Density Functional Theory studies. <i>Journal of Molecular Liquids</i> , 2016, 213, 13-16.	2.3	17
210	Electrochemical, thermodynamic and quantum chemical studies of synthesized benzimidazole derivatives as corrosion inhibitors for N80 steel in hydrochloric acid. <i>Journal of Molecular Liquids</i> , 2016, 213, 122-138.	2.3	80
211	Influence of alkyl group on interactions between carboxylic acid and acetonitrile at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016, 98, 102-110.	1.0	7
212	Experimental, quantum chemical and Monte Carlo simulation studies of 3,5-disubstituted-4-amino-1,2,4-triazoles as corrosion inhibitors on mild steel in acidic medium. <i>Journal of Molecular Liquids</i> , 2016, 218, 281-293.	2.3	176
213	Interactions of ethyl acetoacetate with some (C4-C9) aliphatic ketones at 298.15 K: Insight from volumetric studies. <i>Journal of Molecular Liquids</i> , 2016, 216, 641-645.	2.3	3
214	Investigation of the adsorption characteristics of some selected sulphonamide derivatives as corrosion inhibitors at mild steel/hydrochloric acid interface: Experimental, quantum chemical and QSAR studies. <i>Journal of Molecular Liquids</i> , 2016, 215, 763-779.	2.3	73
215	5-Arylpyrimido-[4,5-b]quinoline-diones as new and sustainable corrosion inhibitors for mild steel in 1 M HCl: a combined experimental and theoretical approach. <i>RSC Advances</i> , 2016, 6, 15639-15654.	1.7	133
216	Anti-corrosive properties of 4-amino-3,5-bis(disubstituted)-1,2,4-triazole derivatives on mild steel corrosion in 2 M H3PO4 solution: Experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2016, 216, 874-886.	2.3	76

#	ARTICLE	IF	CITATIONS
217	Physicochemical Properties of <i>N</i> -Butyl- <i>N</i> -methyl-2-oxopyrrolidonium Bromide and Its Binary Mixtures with Water or Methanol. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 601-608.	3.2	7
218	Quinoxaline derivatives as corrosion inhibitors for mild steel in hydrochloric acid medium: Electrochemical and quantum chemical studies. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 76, 109-126.	1.3	111
219	Screening of environmental friendly ionic liquid as a solvent for the different types of separations problem: Insight from activity coefficients at infinite dilution measurement using (gas + liquid) chromatography technique. <i>Journal of Chemical Thermodynamics</i> , 2016, 92, 35-42.	1.0	18
220	A Novel Schiff Base of 3-acetyl-4-hydroxy-6-methyl-(2H)pyran-2-one and 2,2'-(ethylenedioxy)diethylamine as Potential Corrosion Inhibitor for Mild Steel in Acidic Medium. <i>Materials</i> , 2015, 8, 2918-2934.	1.3	46
221	Adsorption and Corrosion Inhibition Studies of Some Selected Dyes as Corrosion Inhibitors for Mild Steel in Acidic Medium: Gravimetric, Electrochemical, Quantum Chemical Studies and Synergistic Effect with Iodide Ions. <i>Molecules</i> , 2015, 20, 16004-16029.	1.7	109
222	Adsorption, Thermodynamic and Quantum Chemical Studies of 1-hexyl-3-methylimidazolium Based Ionic Liquids as Corrosion Inhibitors for Mild Steel in HCl. <i>Materials</i> , 2015, 8, 3607-3632.	1.3	92
223	Some Phthalocyanine and Naphthalocyanine Derivatives as Corrosion Inhibitors for Aluminium in Acidic Medium: Experimental, Quantum Chemical Calculations, QSAR Studies and Synergistic Effect of Iodide Ions. <i>Molecules</i> , 2015, 20, 15701-15734.	1.7	51
224	Porphyrins as Corrosion Inhibitors for N80 Steel in 3.5% NaCl Solution: Electrochemical, Quantum Chemical, QSAR and Monte Carlo Simulations Studies. <i>Molecules</i> , 2015, 20, 15122-15146.	1.7	76
225	Synthesis, DFT Calculation, and Antimicrobial Studies of Novel Zn(II), Co(II), Cu(II), and Mn(II) Heteroleptic Complexes Containing Benzoylacetone and Dithiocarbamate. <i>Bioinorganic Chemistry and Applications</i> , 2015, 2015, 1-12.	1.8	29
226	Mixed Ligand Complexes of <i>N</i> -Methyl- <i>N</i> -phenyl Dithiocarbamate: Synthesis, Characterisation, Antifungal Activity, and Solvent Extraction Studies of the Ligand. <i>Bioinorganic Chemistry and Applications</i> , 2015, 2015, 1-10.	1.8	23
227	Synthesis, Structural and Optical Properties of TOPO and HDA Capped Cadmium Sulphide Nanocrystals, and the Effect of Capping Ligand Concentration. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-9.	1.5	19
228	Influence of the alkyl group on thermophysical properties of carboxylic acids in 1-butyl-3-methylimidazolium thiocyanate ionic liquid at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2015, 89, 104-111.	1.0	19
229	<i>Saccharum sinense</i> bagasse extract as an effective corrosion inhibitor for J55 steel in 3.5% NaCl solution saturated with CO <sub>2</sub> . <i>Anti-Corrosion Methods and Materials</i> , 2015, 62, 388-393.	0.6	4
230	Use of HPHT autoclave to determine corrosion inhibition effect of poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (methacryla Chinese Journal of Polymer Science (English Edition), 2015, 33, 339-348.	2.0	13
231	Hybrid nanocomposite from aniline and CeO <sub>2</sub> nanoparticles: Surface protective performance on mild steel in acidic environment. <i>Applied Surface Science</i> , 2015, 330, 207-215.	3.1	73
232	Experimental, quantum chemical and Monte Carlo simulation studies on the corrosion inhibition of some alkyl imidazolium ionic liquids containing tetrafluoroborate anion on mild steel in acidic medium. <i>Journal of Molecular Liquids</i> , 2015, 211, 105-118.	2.3	240
233	(Vapour+liquid) equilibria, (VLE) excess molar enthalpies and infinite dilution activity coefficients of selected binary systems involving <i>n</i> -hexyl pyridinium bis(trifluoromethylsulphonyl)imide ionic liquid: Experimental and predictions using modified UNIFAC (Dortmund). <i>Journal of Chemical Thermodynamics</i> . 2015, 90, 92-99.	1.0	16
234	New pyrimidine derivatives as efficient organic inhibitors on mild steel corrosion in acidic medium: Electrochemical, SEM, EDX, AFM and DFT studies. <i>Journal of Molecular Liquids</i> , 2015, 211, 135-145.	2.3	139

#	ARTICLE	IF	CITATIONS
235	Aryl sulfonamidomethylphosphonates as new class of green corrosion inhibitors for mild steel in 1M HCl: Electrochemical, surface and quantum chemical investigation. <i>Journal of Molecular Liquids</i> , 2015, 209, 306-319.	2.3	96
236	Phase equilibria measurements of ternary mixtures (sulfolane+a carboxylic acid+pentane) at 303.15K. <i>Fluid Phase Equilibria</i> , 2015, 404, 26-31.	1.4	3
237	Some Quinoxalin-6-yl Derivatives as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid: Experimental and Theoretical Studies. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16004-16019.	1.5	381
238	Volumetric and acoustic properties of binary systems (furfural or furfuryl alcohol+toluene) and (furfuryl alcohol+ethanol) at different temperatures. <i>Thermochimica Acta</i> , 2015, 611, 47-55.	1.2	19
239	Synthesis and application of new acetohydrazide derivatives as a corrosion inhibition of mild steel in acidic medium: Insight from electrochemical and theoretical studies. <i>Journal of Molecular Liquids</i> , 2015, 208, 322-332.	2.3	65
240	Electrochemical response of nitrite and nitric oxide on graphene oxide nanoparticles doped with Prussian blue (PB) and Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>RSC Advances</i> , 2015, 5, 27759-27774.	1.7	40
241	Experimental and theoretical studies on the corrosion inhibition of mild steel by some sulphonamides in aqueous HCl. <i>RSC Advances</i> , 2015, 5, 28743-28761.	1.7	92
242	Corrosion mitigation of J55 steel in 3.5% NaCl solution by a macrocyclic inhibitor. <i>Applied Surface Science</i> , 2015, 356, 341-347.	3.1	78
243	5-(Phenylthio)-3H-pyrrole-4-carbonitriles as effective corrosion inhibitors for mild steel in 1 M HCl: Experimental and theoretical investigation. <i>Journal of Molecular Liquids</i> , 2015, 212, 209-218.	2.3	149
244	Proline-promoted synthesis of 2-amino-4-arylquinoline-3-carbonitriles as sustainable corrosion inhibitors for mild steel in 1 M HCl: experimental and computational studies. <i>RSC Advances</i> , 2015, 5, 85417-85430.	1.7	146
245	Electrochemical and surface studies of some Porphines as corrosion inhibitor for J55 steel in sweet corrosion environment. <i>Applied Surface Science</i> , 2015, 359, 331-339.	3.1	80
246	Experimental and quantum chemical studies of synthesized triazine derivatives as an efficient corrosion inhibitor for N80 steel in acidic medium. <i>Journal of Molecular Liquids</i> , 2015, 212, 151-167.	2.3	69
247	Interaction studies of methyl acetate in aqueous solutions of quinoxaline derivatives: Effect of temperature and concentration. <i>Journal of Molecular Liquids</i> , 2015, 211, 567-576.	2.3	1
248	Corrosion inhibition of carbon steel in aggressive acidic media with 1-(2-(4-chlorophenyl)-2-oxoethyl)pyridazinium bromide. <i>Journal of Molecular Liquids</i> , 2015, 211, 1000-1008.	2.3	88
249	Electrochemical, thermodynamic, surface and theoretical investigation of 2-aminobenzene-1,3-dicarbonitriles as green corrosion inhibitor for aluminum in 0.5M NaOH. <i>Journal of Molecular Liquids</i> , 2015, 209, 767-778.	2.3	93
250	Synthesized photo-cross-linking chalcones as novel corrosion inhibitors for mild steel in acidic medium: experimental, quantum chemical and Monte Carlo simulation studies. <i>RSC Advances</i> , 2015, 5, 76675-76688.	1.7	56
251	Polypropylene Glycol-Silver Nanoparticle Composites: A Novel Anticorrosion Material for Aluminum in Acid Medium. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 4206-4218.	1.2	28
252	Application of new isonicotinamides as a corrosion inhibitor on mild steel in acidic medium: Electrochemical, SEM, EDX, AFM and DFT investigations. <i>Journal of Molecular Liquids</i> , 2015, 212, 686-698.	2.3	60

#	ARTICLE	IF	CITATIONS
253	Cerium salt as green corrosion inhibitor for steel in acid medium. <i>Research on Chemical Intermediates</i> , 2015, 41, 49-62.	1.3	8
254	Conformational, electronic and antioxidant properties of lucidone, linderone and methylinderone: DFT, QTAIM and NBO studies. <i>Molecular Physics</i> , 2015, 113, 683-697.	0.8	39
255	Effect of poly(methyl methacrylate-co-N-vinyl-2-pyrrolidone) polymer on J55 steel corrosion in 3.5% NaCl solution saturated with CO <sub>2</sub> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 46, 214-222.	2.7	50
256	Gingko biloba fruit extract as an eco-friendly corrosion inhibitor for J55 steel in CO <sub>2</sub> saturated 3.5% NaCl solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 219-228.	2.9	122
257	Inhibition of carbon steel corrosion in 1 M HCl medium by potassium thiocyanate. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2014, 15, 21-27.	1.0	15
258	Density and speed of sound of 1-ethyl-3-methylimidazolium ethyl sulphate with acetic or propionic acid at different temperatures. <i>Journal of Molecular Liquids</i> , 2014, 199, 518-523.	2.3	46
259	Density and speed of sound measurements of imidazolium-based ionic liquids with acetonitrile at various temperatures. <i>Journal of Molecular Liquids</i> , 2014, 200, 160-167.	2.3	59
260	A computational study of pyrazinamide: Tautomerism, acid-base properties, micro-solvation effects and acid hydrolysis mechanism. <i>Computational and Theoretical Chemistry</i> , 2014, 1046, 30-41.	1.1	30
261	MP2, DFT and DFT-D study of the dimers of diazanaphthalenes: a comparative study of their structures, stabilisation and binding energies. <i>Molecular Simulation</i> , 2014, 40, 1131-1146.	0.9	9
262	Speciation study of the heavy metals in commercially available recharge cards coatings in Nigeria and the health implication. <i>Toxicology Reports</i> , 2014, 1, 243-251.	1.6	12
263	Corrosion inhibition behavior of cefuzonam at mild steel/HCl acid interface. <i>Research on Chemical Intermediates</i> , 2013, 39, 3033-3042.	1.3	14
264	Experimental, quantum chemical calculations, and molecular dynamic simulations insight into the corrosion inhibition properties of 2-(6-methylpyridin-2-yl)oxazolo[5,4-f][1,10]phenanthroline on mild steel. <i>Research on Chemical Intermediates</i> , 2013, 39, 1927-1948.	1.3	97
265	Inhibitive effect of chloroquine towards corrosion of mild steel in hydrochloric acid solution. <i>Research on Chemical Intermediates</i> , 2013, 39, 1191-1208.	1.3	35
266	Metronidazole as environmentally safe corrosion inhibitor for mild steel in 0.5M HCl: Experimental and theoretical investigation. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 431-439.	3.3	158
267	Ceforanide: a new and efficient corrosion inhibitor for mild steel in HCl solution. <i>Research on Chemical Intermediates</i> , 2013, 39, 1823-1831.	1.3	6
268	Isolation, identification and radical scavenging activity of phlorotannin derivatives from brown algae, <i>Ecklonia maxima</i> : An experimental and theoretical study. <i>Free Radicals and Antioxidants</i> , 2013, , .	0.2	6
269	Weight Loss, Electrochemical, Quantum Chemical Calculation, and Molecular Dynamics Simulation Studies on 2-(Benzylthio)-1,4,5-triphenyl-1H-imidazole as an Inhibitor for Carbon Steel Corrosion in Hydrochloric Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 14315-14327.	1.8	71
270	Schiff's base derived from the pharmaceutical drug Dapsone (DS) as a new and effective corrosion inhibitor for mild steel in hydrochloric acid. <i>Research on Chemical Intermediates</i> , 2013, 39, 537-551.	1.3	30

#	ARTICLE	IF	CITATIONS
271	Structures, Stabilization Energies, and Binding Energies of Quinoxaline $\cdot\cdot$ (H <sub>2</sub> O) <sub>n</sub> , Quinoxaline Dimer, and Quinoxaline $\cdot\cdot$ Cu Complexes: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1583-1595.	1.1	20
272	DFT STUDY OF THE PROTONATION AND DEPROTONATION ENTHALPIES OF BENZOXAZOLE, 1,2-BENZISOXAZOLE AND 2,1-BENZISOXAZOLE AND IMPLICATIONS FOR THE STRUCTURES AND ENERGIES OF THEIR ADDUCTS WITH EXPLICIT WATER MOLECULES. <i>Journal of Theoretical and Computational Chemistry</i> , 2013, 12, 1350070.	1.8	12
273	Rheological Modeling and Characterization of <i>Ficus platyphylla</i> Gum Exudates. <i>Journal of Chemistry</i> , 2013, 2013, 1-10.	0.9	13
274	Effect of Storage Environment on the Extent of Lipid Oxidation in Peanut and Cowpea Based Infant Food. <i>Asian Journal of Chemistry</i> , 2013, 25, 9329-9333.	0.1	1
275	Energy Dispersive X-ray Fluorescence Analysis of Pre and Post-1850 Historical Documents Obtained from the National Library of South Africa. <i>Asian Journal of Chemistry</i> , 2013, 25, 9384-9386.	0.1	6
276	Colour Change: An Indicator of the Extent of Maillard Browning Reaction in Food System. <i>Asian Journal of Chemistry</i> , 2013, 25, 9325-9328.	0.1	12
277	Chemical and Radiological Risks of Drinking Water from Communities in Wonderfonteinspruit Catchment, South Africa. <i>Asian Journal of Chemistry</i> , 2013, 25, 9302-9308.	0.1	3
278	Synthesis and Density Functional Theory Studies of Octakis(propyl) Porphyrzine and Its Fe(II) Complex. <i>Asian Journal of Chemistry</i> , 2013, 25, 2308-2314.	0.1	1
279	Experimental and theoretical investigations of adsorption characteristics of itraconazole as green corrosion inhibitor at a mild steel/hydrochloric acid interface. <i>Research on Chemical Intermediates</i> , 2012, 38, 1761-1779.	1.3	30
280	Investigation of adsorption characteristics of N,N <sup>2</sup> -[(methylimino)dimethylidene]di-2,4-xylylidine as corrosion inhibitor at mild steel/sulphuric acid interface. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 463-472.	2.7	69
281	Electrochemical and Quantum Chemical Investigation of Some Azine and Thiazine Dyes as Potential Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 12940-12958.	1.8	132
282	Experimental and Quantum Chemical Studies of Some Bis(trifluoromethyl-sulfonyl) Imide Imidazolium-Based Ionic Liquids as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 13282-13299.	1.8	188
283	Corrosion Inhibition of Carbon Steel in HCl Solution by Some Plant Extracts. <i>International Journal of Corrosion</i> , 2012, 2012, 1-20.	0.6	103
284	Green Approaches to Corrosion Mitigation. <i>International Journal of Corrosion</i> , 2012, 2012, 1-2.	0.6	6
285	Inhibitory Action of <i>Artemisia annua</i> Extracts and Artemisinin on the Corrosion of Mild Steel in H <sub>2</sub> SO <sub>4</sub> Solution. <i>International Journal of Corrosion</i> , 2012, 2012, 1-8.	0.6	14
286	Industrial Potential of Two Varieties of Cocoyam in Bread Making. <i>E-Journal of Chemistry</i> , 2012, 9, 451-464.	0.4	8
287	Synthesis and Theoretical Study of Zinc(II) and Nickel(II)-Complexes of 5-Methoxyisatin 3-[N-(4-chlorophenyl)thiosemicarbazone]. <i>ITB Journal of Science</i> , 2012, 44, 35-50.	0.1	0
288	ADSORPTION AND KINETIC STUDIES ON THE INHIBITION POTENTIAL OF FLUCONAZOLE FOR THE CORROSION OF Al IN HCl SOLUTION. <i>Chemical Engineering Communications</i> , 2011, 198, 711-725.	1.5	41

#	ARTICLE	IF	CITATIONS
289	Metathesis of Fatty Acid Ester Derivatives in 1,1-Dialkyl and 1,2,3-Trialkyl Imidazolium Type Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2011, 12, 3989-3997.	1.8	11
290	Access to Potable Drinking Water in the Wonderfonteinspruit Catchment. <i>Journal of Social Sciences</i> , 2011, 29, 73-79.	0.2	1
291	The Effects of <i>Cassia Siamea</i> Lam. Root Extract on the Corrosion and Kinetics of Corrosion Process of Copper in Alkaline Solutions. <i>E-Journal of Chemistry</i> , 2011, 8, 1708-1713.	0.4	4
292	Lipids Characterization and Industrial Potentials of Pumpkin Seeds ( <i>Telfairia occidentalis</i> ) and Cashew Nuts ( <i>Anacardium occidentale</i> ). <i>E-Journal of Chemistry</i> , 2011, 8, 1986-1992.	0.4	6
293	Quantum chemical studies on the inhibition potentials of some Penicillin compounds for the corrosion of mild steel in 0.1M HCl. <i>Journal of Molecular Modeling</i> , 2010, 16, 1291-1306.	0.8	42
294	Adsorption, synergistic inhibitive effect and quantum chemical studies of ampicillin (AMP) and halides for the corrosion of mild steel in H <sub>2</sub> SO <sub>4</sub> . <i>Journal of Applied Electrochemistry</i> , 2010, 40, 445-456.	1.5	108
295	Quantum chemical studies of some rhodanine azosulpha drugs as corrosion inhibitors for mild steel in acidic medium. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 1003-1018.	1.0	154
296	Theoretical studies of some sulphonamides as corrosion inhibitors for mild steel in acidic medium. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2614-2636.	1.0	131
297	Corrosion Inhibition and Adsorption Characteristics of Tarivid on Mild Steel in H <sub>2</sub> SO <sub>4</sub> . <i>E-Journal of Chemistry</i> , 2010, 7, S442-S448.	0.4	11
298	ETM-ANN Approach Application for Thiobenzamide and Quinolizidine Derivatives. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-12.	3.0	4
299	Leaves extract of <i>Ananas sativum</i> as green corrosion inhibitor for aluminium in hydrochloric acid solutions. <i>Green Chemistry Letters and Reviews</i> , 2010, 3, 61-68.	2.1	106
300	Corrosion inhibition and adsorption properties of ethanol extract of <i>Gongronema latifolium</i> on mild steel in H <sub>2</sub> SO <sub>4</sub> . <i>Pigment and Resin Technology</i> , 2010, 39, 77-83.	0.5	47
301	Adsorption and Quantum Chemical Studies on the Inhibition Potentials of Some Thiosemicarbazides for the Corrosion of Mild Steel in Acidic Medium. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2473-2498.	1.8	205
302	Synergistic effect of halide ions and polyethylene glycol on the corrosion inhibition of aluminium in alkaline medium. <i>Journal of Applied Polymer Science</i> , 2009, 113, 3533-3543.	1.3	18
303	Quantum chemical study of the inhibition of the corrosion of mild steel in H <sub>2</sub> SO <sub>4</sub> by some antibiotics. <i>Journal of Molecular Modeling</i> , 2009, 15, 1085-1092.	0.8	75
304	Synthesis and theoretical study of 5-methoxyisatin-3-(N-cyclohexyl)thiosemicarbazone and its Ni(II) and Zn(II) complexes. <i>Journal of Molecular Structure</i> , 2009, 938, 89-96.	1.8	9
305	Effects of Lead Pollution at Industrial Contaminated Sites on Sentinel Juvenile <i>Achatina achatina</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 106-110.	1.3	9
306	Effects of Lead Pollution Against Juvenile <i>Achatina achatina</i> Fed on Contaminated Artificial Diet. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 583-585.	1.3	3

#	ARTICLE	IF	CITATIONS
307	The Inhibition of aluminium corrosion in hydrochloric acid solution by exudate gum from <i>Raphia hookeri</i> . <i>Desalination</i> , 2009, 247, 561-572.	4.0	135
308	Quantum chemical studies on the corrosion inhibition of some sulphonamides on mild steel in acidic medium. <i>Corrosion Science</i> , 2009, 51, 35-47.	3.0	318
309	Corrosion Inhibition and Adsorption Properties of Methocarbamol on Mild Steel in Acidic Medium. <i>Portugaliae Electrochimica Acta</i> , 2009, 27, 13-22.	0.4	98
310	Effects of Lead Pollution from Vehicular Exhaust Fumes Against Sentinel Juvenile <i>Achatina achatina</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 513-515.	1.3	6
311	Studies of the anti-corrosive effect of <i>Raphia hookeri</i> exudate gum-halide mixtures for aluminium corrosion in acidic medium. <i>Pigment and Resin Technology</i> , 2008, 37, 173-182.	0.5	84
312	Inhibition of mild steel corrosion in acidic medium using synthetic and naturally occurring polymers and synergistic halide additives. <i>Corrosion Science</i> , 2008, 50, 1998-2006.	3.0	277
313	Inhibitory action of <i>Phyllanthus amarus</i> extracts on the corrosion of mild steel in acidic media. <i>Corrosion Science</i> , 2008, 50, 2310-2317.	3.0	419
314	Corrosion Inhibition of Aluminium Using Exudate Gum from <i>Pachylobus edulis</i> in the Presence of Halide Ions in HCl. <i>E-Journal of Chemistry</i> , 2008, 5, 355-364.	0.4	86
315	Eco-friendly corrosion inhibitors: the inhibitive action of <i>Delonix Regia</i> extract for the corrosion of aluminium in acidic media. <i>Anti-Corrosion Methods and Materials</i> , 2007, 54, 219-224.	0.6	127
316	Eco-friendly corrosion inhibitors: inhibitive action of ethanol extracts of <i>Garcinia kola</i> for the corrosion of mild steel in H <sub>2</sub> SO <sub>4</sub> solutions. <i>Pigment and Resin Technology</i> , 2007, 36, 299-305.	0.5	103
317	Inhibitive action of <i>Carica papaya</i> extracts on the corrosion of mild steel in acidic media and their adsorption characteristics. <i>Pigment and Resin Technology</i> , 2007, 36, 134-140.	0.5	110
318	Effect of halide ions on the corrosion inhibition of aluminium in alkaline medium using polyvinyl alcohol. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2810-2816.	1.3	74
319	Polyethylene glycol and polyvinyl alcohol as corrosion inhibitors for aluminium in acidic medium. <i>Journal of Applied Polymer Science</i> , 2007, 105, 3363-3370.	1.3	74
320	The synergistic effect of polyacrylamide and iodide ions on the corrosion inhibition of mild steel in H <sub>2</sub> SO <sub>4</sub> . <i>Materials Chemistry and Physics</i> , 2007, 106, 387-393.	2.0	162
321	Eco-friendly Inhibitors from Naturally Occurring Exudate Gums for Aluminium Corrosion Inhibition in Acidic Medium. <i>Portugaliae Electrochimica Acta</i> , 2007, 26, 267-282.	0.4	41
322	Gum arabic as a potential corrosion inhibitor for aluminium in alkaline medium and its adsorption characteristics. <i>Anti-Corrosion Methods and Materials</i> , 2006, 53, 277-282.	0.6	207
323	Effect of halide ions on the corrosion inhibition of mild steel in acidic medium using polyvinyl alcohol. <i>Pigment and Resin Technology</i> , 2006, 35, 284-292.	0.5	69
324	Water-soluble polymers as corrosion inhibitors. <i>Pigment and Resin Technology</i> , 2006, 35, 346-352.	0.5	93

#	ARTICLE	IF	CITATIONS
325	Synergistic effect of halide ions on the corrosion inhibition of aluminum in acidic medium by some polymers. <i>Journal of Applied Polymer Science</i> , 2006, 100, 2889-2894.	1.3	46
326	Studies on the corrosion inhibiting effect of Congo red dye-halide mixtures. <i>Pigment and Resin Technology</i> , 2006, 35, 30-35.	0.5	41
327	Corrosion inhibition and adsorption behaviour of <i>Ocimum basilicum</i> extract on aluminium. <i>Pigment and Resin Technology</i> , 2006, 35, 63-70.	0.5	74
328	Corrosion inhibition of mild steel in acidic media by some organic dyes. <i>Materials Letters</i> , 2005, 59, 2163-2165.	1.3	100
329	Evaluation of the inhibitory effect of methylene blue dye on the corrosion of aluminium in hydrochloric acid. <i>Materials Chemistry and Physics</i> , 2004, 87, 394-401.	2.0	197
330	Molluscicidal effects of neem ( <i>Azadirachta indica</i> ) extracts on edible tropical land snails. <i>Pest Management Science</i> , 2004, 60, 178-182.	1.7	14
331	Synergistic effect of halide ions on the corrosion inhibition of aluminium in H <sub>2</sub> SO <sub>4</sub> using 2-acetylphenothiazine. <i>Materials Chemistry and Physics</i> , 2003, 79, 58-70.	2.0	186
332	Studies on the inhibition of aluminium corrosion by 2-acetylphenothiazine in chloroacetic acids. <i>Anti-Corrosion Methods and Materials</i> , 2003, 50, 414-421.	0.6	28
333	Insulator-metal transitions induced by electric and magnetic fields, in thin films of charge-ordered Pr <sup>1+</sup> Ca MnO <sub>3</sub> . <i>Solid State Communications</i> , 2000, 114, 295-299.	0.9	19
334	Thin films of Ln <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3</sub> (Ln=La, Nd and Gd) and SrRuO <sub>3</sub> by nebulized spray pyrolysis. <i>Solid State Sciences</i> , 2000, 2, 833-839.	1.5	8
335	Effect of molecular structure on the efficiency of amides and thiosemicarbazones used for corrosion inhibition of mild steel in hydrochloric acid. <i>Materials Chemistry and Physics</i> , 1999, 60, 79-90.	2.0	153
336	Inhibitory action of methyl and phenyl thiosemicarbazone derivatives on the corrosion of mild steel in hydrochloric acid. <i>Materials Chemistry and Physics</i> , 1995, 40, 87-93.	2.0	80
337	Electrochemical Study of Pyrene on Glassy Carbon Electrode Modified with Metal-Oxide Nanoparticles and Graphene Oxide/Multi-Walled Carbon Nanotubes Nanoplatfrom. <i>Journal of Nano Research</i> , 0, 44, 158-195.	0.8	6
338	Ionic Liquids as Green Corrosion Inhibitors for Industrial Metals and Alloys. , 0, , .		12
339	Corrosive electrolytes. <i>International Journal of Corrosion and Scale Inhibition</i> , 0, , .	0.5	3
340	Nanomaterials and Nanocomposites as Corrosion Inhibitors. <i>ACS Symposium Series</i> , 0, , 187-217.	0.5	7
341	Functionalized Carbon Allotropes as Corrosion Inhibitors. <i>ACS Symposium Series</i> , 0, , 87-114.	0.5	2
342	Functionalized Nanomaterials for Corrosion Mitigation: Synthesis, Characterization & Applications. <i>ACS Symposium Series</i> , 0, , 67-85.	0.5	0