

Eno E Ebenso

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2591776/eno-e-ebenso-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

340
papers

13,369
citations

64
h-index

98
g-index

359
ext. papers

15,961
ext. citations

4
avg, IF

7.27
L-index

#	Paper	IF	Citations
340	Utilization of ZnO-based materials as anticorrosive agents: a review 2022 , 161-182		
339	Development of QSAR-based (MLR/ANN) predictive models for effective design of pyridazine corrosion inhibitors. <i>Materials Today Communications</i> , 2022 , 30, 103163	2.5	3
338	Electrochemical evaluation of Cd ²⁺ and Hg ²⁺ ions in water using ZnO/Cu ₂ ONPs/PANI modified SPCE electrode. <i>Sensing and Bio-Sensing Research</i> , 2022 , 35, 100476	3.3	0
337	Corrosion inhibition of steel using different families of organic compounds: Past and present progress. <i>Journal of Molecular Liquids</i> , 2022 , 348, 118373	6	6
336	Chemical modification of epoxy prepolymers as anticorrosive materials: a review 2022 , 273-288		
335	Fundamentals of corrosion chemistry 2022 , 25-45		1
334	Ultrasound and microwave heating for the synthesis of green corrosion inhibitors: a literature study 2022 , 303-319		
333	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 , 103870	5.9	0
332	Electrochemical sensor for the detection of dopamine using carbon quantum dots /copper oxide nanocomposite modified electrode. <i>FlatChem</i> , 2022 , 100372	5.1	5
331	Chemical Medicines as Corrosion Inhibitors 2021 , 287-314		
330	Carbohydrates and Their Derivatives as Corrosion Inhibitors 2021 , 241-254		
329	Pyridine and Its Derivatives as Corrosion Inhibitors 2021 , 123-148		
328	Organic and Inorganic Corrosion Inhibitors 2021 , 59-73		3
327	Amino Acids and Their Derivatives as Corrosion Inhibitors 2021 , 255-285		
326	Oleochemicals as Corrosion Inhibitors 2021 , 343-369		1
325	Indole and Its Derivatives as Corrosion Inhibitors 2021 , 167-220		
324	Amines as Corrosion Inhibitors 2021 , 75-94		1

323	Epoxy Resins and Their Nanocomposites as Anticorrosive Materials 2021 , 451-482		1
322	Carbon Nanotubes as Corrosion Inhibitors 2021 , 371-385		
321	Quinoline and Its Derivatives as Corrosion Inhibitors 2021 , 149-165		
320	Natural Polymers as Corrosion Inhibitors 2021 , 411-434		1
319	Ionic Liquids as Corrosion Inhibitors 2021 , 315-342		0
318	Computational Methods of Corrosion Monitoring 2021 , 39-57		
317	Environmentally Sustainable Corrosion Inhibitors in Oil and Gas Industry 2021 , 221-240		
316	Imidazole and Its Derivatives as Corrosion Inhibitors 2021 , 95-122		1
315	Aminomethylpyridazine isomers as corrosion inhibitors for mild steel in 1 M HCl: electrochemical, DFT and Monte Carlo simulation studies. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117882	6	5
314	Epoxy coating as effective anti-corrosive polymeric material for aluminum alloys: Formulation, electrochemical and computational approaches. <i>Journal of Molecular Liquids</i> , 2021 , 346, 117886	6	11
313	Environmental, safety and economic risks of Covid-19 pandemic in petroleum industries: A prospective. <i>Journal of Petroleum Science and Engineering</i> , 2021 , 198, 108161	4-4	4
312	Interference Free Simultaneous Detection of Dihydroxy Benzene Isomers at Cost-effective and Reliable Celestine Blue Modified Glassy Carbon Electrode. <i>ChemistrySelect</i> , 2021 , 6, 2379-2386	1.8	4
311	Understanding the role of Dimethylformamide as co-solvents in the dissolution of cellulose in ionic liquids: Experimental and theoretical approach. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115392	6	8
310	Simultaneous electrochemical sensing of dihydroxy benzene isomers at cost-effective allura red polymeric film modified glassy carbon electrode. <i>Journal of Analytical Science and Technology</i> , 2021 , 12,	3-4	6
309	Investigation of phenol-formaldehyde resins as corrosion impeding agent in acid solution. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115649	6	9
308	Electrochemical Characterization and Detection of Lead in Water Using SPCE Modified with BiONPs/PANI. <i>Nanomaterials</i> , 2021 , 11,	5-4	1
307	Conductive Nanodiamond-Based Detection of Neurotransmitters: One Decade, Few Sensors. <i>ACS Omega</i> , 2021 , 6, 18548-18558	3-9	0
306	Designing of phosphorous based highly functional dendrimeric macromolecular resin as an effective coating material for carbon steel in NaCl: Computational and experimental studies. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49673	2-9	12

305	Recent developments in sustainable corrosion inhibition using ionic liquids: A review. <i>Journal of Molecular Liquids</i> , 2021 , 321, 114484	6	17
304	N-substituted carbazoles as corrosion inhibitors in microbiologically influenced and acidic corrosion of mild steel: Gravimetric, electrochemical, surface and computational studies. <i>Journal of Molecular Structure</i> , 2021 , 1223, 129328	3-4	14
303	Phenolic fraction of Ammi visnaga extract as environmentally friendly antioxidant and corrosion inhibitor for mild steel in acidic medium. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114950	6	17
302	Experimental, adsorption, quantum chemical and molecular dynamics simulation studies on the corrosion inhibition performance of Vincamine on J55 steel in acidic medium. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129533	3-4	10
301	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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 611, 125810	5-1	18
300	Challenges and advantages of using plant extract as inhibitors in modern corrosion inhibition systems: Recent advancements. <i>Journal of Molecular Liquids</i> , 2021 , 321, 114666	6	35
299	Molecularly imprinted polymers (MIPs) based electrochemical sensors for the determination of catecholamine neurotransmitters [Review]. <i>Electrochemical Science Advances</i> , 2021 , 1, e2000026		7
298	Recent developments in sustainable corrosion inhibitors: design, performance and industrial scale applications. <i>Materials Advances</i> , 2021 , 2, 3806-3850	3-3	35
297	Molecular modelling of compounds used for corrosion inhibition studies: a review. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 19987-20027	3.6	17
296	Thiol (-SH) substituent as functional motif for effective corrosion protection: A review on current advancements and future directions. <i>Journal of Molecular Liquids</i> , 2021 , 324, 115111	6	8
295	Electrochemical Detection of Endosulfan Using an AONP-PANI-SWCNT Modified Glassy Carbon Electrode. <i>Materials</i> , 2021 , 14,	3-5	11
294	Dendrimeric Epoxy Resins Based on Hexachlorocyclotriphosphazene as a Reactive Flame Retardant Polymeric Materials: A Review. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 3240-3261	3-2	9
293	Phthalocyanine, naphthalocyanine and their derivatives as corrosion inhibitors: A review. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116441	6	5
292	Computational Modeling: Theoretical Predictive Tools for Designing of Potential Organic Corrosion Inhibitors. <i>Journal of Molecular Structure</i> , 2021 , 1236, 130294	3-4	23
291	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	6	7
290	Flame retardancy of an intumescent epoxy resin containing cyclotriphosphazene: experimental, computational and statistical studies. <i>Iranian Polymer Journal (English Edition)</i> , 2021 , 30, 1169	2-3	2
289	Multifunctional silver nanocomposite: A potential material for antiscaling, antimicrobial and anticorrosive applications. <i>Jcis Open</i> , 2021 , 3, 100012		2
288	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	23-2	10

287	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	6	0
286	Polymer nanocomposites as industrially useful corrosion inhibitors: recent developments 2021 , 419-435		0
285	Chromeno-carbonitriles as corrosion inhibitors for mild steel in acidic solution: electrochemical, surface and computational studies.. <i>RSC Advances</i> , 2021 , 11, 2462-2475	3.7	9
284	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	5.5	6
283	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	6	23
282	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	4.1	6
281	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 ³³	3.9	33
280	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	6	19
279	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	6	20
278	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	7.9	67
277	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	6	26
276	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	6	15
275	Synthesis of Macromolecular Aromatic Epoxy Resins as Anticorrosive Materials: Computational Modeling Reinforced Experimental Studies. <i>ACS Omega</i> , 2020 , 5, 3151-3164	3.9	8
274	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	4.1	47
273	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	2.9	44
272	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	6	39
271	A Review on Ammonia Derivatives as Corrosion Inhibitors for Metals and Alloys. <i>Green Energy and Technology</i> , 2020 , 49-67	0.6	2
270	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	9.3	27

269	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	5.3	23
268	Pyrazole derivatives as environmental benign acid corrosion inhibitors for mild steel: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020 , 298, 111943	6	32
267	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	1.9	13
266	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	9.3	84
265	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	5.5	44
264	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	6	20
263	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	2.5	20
262	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	5.3	32
261	Epoxy resin and TiO ₂ composite as anticorrosive material for carbon steel in 3% NaCl medium: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2020 , 317, 114249	6	7
260	Quinoline and its derivatives as corrosion inhibitors: A review. <i>Surfaces and Interfaces</i> , 2020 , 21, 100634	4.1	31
259	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	4.1	6
258	Epoxy resins as anticorrosive polymeric materials: A review. <i>Reactive and Functional Polymers</i> , 2020 , 156, 104741	4.6	58
257	Molecular structural aspects of organic corrosion inhibitors: Influence of π N and π O ₂ substituents on designing of potential corrosion inhibitors for aqueous media. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113874	6	33
256	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	3.7	8
255	Carbon-Based Quantum Dots for Electrochemical Detection of Monoamine Neurotransmitters-Review. <i>Biosensors</i> , 2020 , 10,	5.9	9
254	Synthesis, Electrochemical Studies, and Antimicrobial Properties of FeO Nanoparticles from Plant Extracts. <i>Materials</i> , 2020 , 13,	3.5	8
253	Electrochemical Determination of Caffeine Using Bimetallic Au/Ag Nanoparticles Obtained from Low-cost Green Synthesis. <i>Electroanalysis</i> , 2020 , 32, 2745-2755	3	3
252	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	2.9	9

251	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	4.1	13
250	Green Wastes Mediated Zinc Oxide Nanoparticles: Synthesis, Characterization and Electrochemical Studies. <i>Materials</i> , 2020 , 13,	3.5	11
249	Progress in electrochemical detection of neurotransmitters using carbon nanotubes/nanocomposite based materials: A chronological review. <i>Nano Select</i> , 2020 , 1, 561-611	3.1	3
248	SPEEK/ZnO Nanocomposite Modified Gold Electrode for Electrochemical Detection of Dopamine. <i>Electroanalysis</i> , 2020 , 32, 2713-2722	3	3
247	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	6	6
246	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	2.9	51
245	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	6	13
244	Synthesis and characterization of anticorrosion zirconia/acrylic nanocomposite resin coatings for steel. <i>Progress in Organic Coatings</i> , 2019 , 137, 105337	4.8	6
243	Ultrasound induced green synthesis of pyrazolo-pyridines as novel corrosion inhibitors useful for industrial pickling process: Experimental and theoretical approach. <i>Results in Physics</i> , 2019 , 13, 102344	3.7	17
242	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. <i>Results in Physics</i> , 2019 , 14, 102383	3.7	26
241	Adsorption and anticorrosive behavior of aromatic epoxy monomers on carbon steel corrosion in acidic solution: computational studies and sustained experimental studies.. <i>RSC Advances</i> , 2019 , 9, 14782-14796	3.7	25
240	Anticorrosive property of heterocyclic based epoxy resins on carbon steel corrosion in acidic medium: Electrochemical, surface morphology, DFT and Monte Carlo simulation studies. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110977	6	31
239	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. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110972	6	24
238	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. <i>Applied Surface Science</i> , 2019 , 491, 707-722	6.7	58
237	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. <i>Heliyon</i> , 2019 , 5, e01340	3.6	47
236	Gravimetric, electrochemical surface and density functional theory study of acetohydroxamic and benzohydroxamic acids as corrosion inhibitors for copper in 1 M HCl. <i>Results in Physics</i> , 2019 , 13, 102194	3.7	22
235	Intermolecular interactions between methanol and some sulphonamide drugs in aqueous medium using thermodynamics approach. <i>Journal of Molecular Liquids</i> , 2019 , 283, 451-461	6	8
234	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. <i>Journal of Molecular Liquids</i> , 2019 , 283, 491-506	6	19

233	Rheological, electrochemical, surface, DFT and molecular dynamics simulation studies on the anticorrosive properties of new epoxy monomer compound for steel in 1M HCl solution.. <i>RSC Advances</i> , 2019 , 9, 4454-4462	3.7	47
232	An Exploration about the Interaction of Mild Steel with Hydrochloric Acid in the Presence of N-(Benzo[d]thiazole-2-yl)-1-phenylethan-1-imines. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 22897-22917	3.8	51
231	Epoxy pre-polymers as new and effective materials for corrosion inhibition of carbon steel in acidic medium: Computational and experimental studies. <i>Scientific Reports</i> , 2019 , 9, 11715	4.9	55
230	Thermodynamic properties of ternary mixture {[C4mim][SCN] + acetic or propionic acid + acetonitrile} over the temperature range of (293.15B13.15) K. <i>Journal of Chemical Thermodynamics</i> , 2019 , 138, 321-331	2.9	
229	Dissolution of cellulose in ionic liquids and their mixed cosolvents: A review. <i>Sustainable Chemistry and Pharmacy</i> , 2019 , 13, 100162	3.9	46
228	Superhydrophobic antibacterial polymer coatings 2019 , 245-279		6
227	Electrochemical Properties of Nanoporous Based Materials 2019 , 3-24		
226	Green synthesis of ZnO nanoparticles using aqueous Brassica oleracea L. var. italica and the photocatalytic activity. <i>Green Chemistry Letters and Reviews</i> , 2019 , 12, 444-457	4.7	58
225	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	3.7	11
224	Transition metal nanoparticles in ionic liquids: Synthesis and stabilization. <i>Journal of Molecular Liquids</i> , 2019 , 276, 826-849	6	46
223	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	6	94
222	Ionic liquid-mediated functionalization of graphene-based materials for versatile applications: a review. <i>Graphene Technology</i> , 2019 , 4, 1-15	1.8	9
221	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	6	56
220	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	2.9	5
219	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	2.9	6
218	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	3.7	27
217	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	4.1	15
216	Interference free detection of dihydroxybenzene isomers at pyrogallol film coated electrode: A voltammetric method. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 813, 193-199	4.1	13

215	Electrochemical sensor for the detection of dopamine in real samples using polyaniline/NiO, ZnO, and Fe ₃ O ₄ nanocomposites on glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 818, 236-249	4.1	78
214	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	6	210
213	Adsorption characteristics of green 5-arylamino-methylene 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	3.7	26
212	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	6	40
211	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	3.8	56
210	Antimicrobial and Wound Healing Properties of Polyacrylonitrile-Moringa Extract Nanofibers. <i>ACS Omega</i> , 2018 , 3, 4791-4797	3.9	54
209	2-Hydroxy-1-((Thiophene-2-yl)methylene)benzohydrazide: Ultrasound-Assisted Synthesis and Corrosion Inhibition Study. <i>ACS Omega</i> , 2018 , 3, 4695-4705	3.9	33
208	Molecular dynamics and Monte Carlo simulations as powerful tools for study of interfacial adsorption behavior of corrosion inhibitors in aqueous phase: A review. <i>Journal of Molecular Liquids</i> , 2018 , 260, 99-120	6	146
207	Inhibition performance of three naphthyridine derivatives for mild steel corrosion in 1M HCl: Computation and experimental analyses. <i>Results in Physics</i> , 2018 , 10, 504-511	3.7	19
206	Aqueous extract of broccoli mediated synthesis of CaO nanoparticles and its application in the photocatalytic degradation of bromocresol green. <i>IET Nanobiotechnology</i> , 2018 , 12, 888-894	2	23
205	Poly (glycine) modified carbon paste electrode for simultaneous determination of catechol and hydroquinone: A voltammetric study. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 823, 730-736	4.1	40
204	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	3.6	102
203	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	3.7	53
202	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	2.9	14
201	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	2.9	48
200	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	3.3	15
199	Ionic Liquids as Green Corrosion Inhibitors for Industrial Metals and Alloys 2018 ,		6
198	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	2.9	6

197	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	6.7	107
196	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	3.7	41
195	Synthesis, characterization and corrosion inhibition properties of benzamide- α -chloro-4-nitrobenzoic acid and anthranilic acid- α -chloro-4-nitrobenzoic acid for mild steel corrosion in acidic medium. <i>Journal of Molecular Structure</i> , 2018 , 1155, 110-122	3.4	15
194	Synthesis, characterization and corrosion inhibition studies of N-phenyl-benzamides on the acidic corrosion of mild steel: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2018 , 251, 317-332	6	77
193	Substituents effect on corrosion inhibition performance of organic compounds in aggressive ionic solutions: A review. <i>Journal of Molecular Liquids</i> , 2018 , 251, 100-118	6	173
192	Anticorrosion studies of some hydantoin derivatives for mild steel in 0.5 M HCl solution: Experimental, quantum chemical, Monte Carlo simulations and QSAR studies. <i>Journal of Molecular Liquids</i> , 2018 , 252, 62-74	6	30
191	Influence of chlorine atom on interactions between halo-hydrocarbons and 1-nonanol: Density and speed of sound measurements. <i>Journal of Chemical Thermodynamics</i> , 2018 , 118, 82-91	2.9	2
190	Microwave and ultrasound irradiations for the synthesis of environmentally sustainable corrosion inhibitors: An overview. <i>Sustainable Chemistry and Pharmacy</i> , 2018 , 10, 134-147	3.9	53
189	Electrocatalysis of Lindane Using Antimony Oxide Nanoparticles Based-SWCNT/PANI Nanocomposites. <i>Frontiers in Chemistry</i> , 2018 , 6, 423	5	10
188	Sulfur and phosphorus heteroatom-containing compounds as corrosion inhibitors: An overview. <i>Heteroatom Chemistry</i> , 2018 , 29, e21437	1.2	65
187	Exploring the Effect of Choline-Based Ionic Liquids on the Stability and Activity of Stem Bromelain. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 10435-10444	3.4	16
186	Molecular interactions of p-chlorotoluene and 1-alkanols at different temperatures: Volumetric, ultrasonic and FT-IR spectroscopic studies. <i>Journal of Molecular Liquids</i> , 2018 , 262, 302-309	6	4
185	Hydrogen Bonding Interactions of Chlorotoluene with 1-Alkanol Analyzed by Thermodynamic, Fourier Transform Infrared Spectroscopy, Density Functional Theory, and Natural Bond Orbital. <i>ACS Omega</i> , 2018 , 3, 4679-4687	3.9	4
184	An overview on plant extracts as environmental sustainable and green corrosion inhibitors for metals and alloys in aggressive corrosive media. <i>Journal of Molecular Liquids</i> , 2018 , 266, 577-590	6	200
183	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	2.9	7
182	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	3.3	53
181	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	6	34
180	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	6	55

179	Ionic liquids as green and sustainable corrosion inhibitors for metals and alloys: An overview. <i>Journal of Molecular Liquids</i> , 2017 , 233, 403-414	6	294
178	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	3-4	63
177	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	1.6	16
176	Phthalocyanine Doped Metal Oxide Nanoparticles on Multiwalled Carbon Nanotubes Platform for the detection of Dopamine. <i>Scientific Reports</i> , 2017 , 7, 43181	4-9	60
175	Electrochemical detection of Epinephrine using Polyaniline nanocomposite films doped with TiO ₂ and RuO ₂ Nanoparticles on Multi-walled Carbon Nanotube. <i>Electrochimica Acta</i> , 2017 , 243, 331-348	6-7	51
174	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	3-7	14
173	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	4-9	51
172	Biosynthesis and Photocatalytic Properties of SnO ₂ Nanoparticles Prepared Using Aqueous Extract of Cauliflower. <i>Journal of Cluster Science</i> , 2017 , 28, 1883-1896	3	31
171	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	4-9	103
170	Polyurethane Based Triblock Copolymers as Corrosion Inhibitors for Mild Steel in 0.5 M H ₂ SO ₄ . <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 441-456	3-9	32
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	2.8	22
168	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	6	86
167	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	6	73
166	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	3-7	35
165	Synthesis, characterization, DFT calculations and molecular docking studies of metal (II) complexes. <i>Journal of Molecular Structure</i> , 2017 , 1150, 279-292	3-4	29
164	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	6	23
163	,'-Dialkylcystine Gemini and Monomeric -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	3-9	45
162	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	3-9	40

161	Influence of 6-phenyl-3(2 H)-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	3.4	32
160	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	3.9	74
159	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	3	17
158	Silver Nanoparticles Mediated by Costus afer Leaf Extract: Synthesis, Antibacterial, Antioxidant and Electrochemical Properties. <i>Molecules</i> , 2017 , 22,	4.8	55
157	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	2.9	13
156	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	3.7	98
155	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	6	2
154	Vapor-liquid equilibria, density and sound velocity measurements of (water or methanol or ethanol + 1,3-propanediol) binary systems at different temperatures. <i>Thermochimica Acta</i> , 2016 , 642, 111-123	2.9	10
153	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	6	1
152	Electrocatalytic oxidation of Epinephrine and Norepinephrine at metal oxide doped phthalocyanine/MWCNT composite sensor. <i>Scientific Reports</i> , 2016 , 6, 26938	4.9	72
151	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> , 2016 , 44, 158-195	1	4
150	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	3.4	12
149	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	4.9	30
148	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, 104708-104713	2.7	13
147	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	6	35
146	Synthesis, crystal structure, thermal and theoretical studies of bis(N-ethyl-N-phenyldithiocarbamate) Ni(II) and (N-ethyl-N-phenyldithiocarbamate) (isothiocyanato) (triphenylphosphine) Ni(II). <i>Journal of Chemical Sciences</i> , 2016 , 128, 1081-1093	1.8	9
145	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	3.7	116
144	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	6	4

143	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	3.8	214
142	(Liquid + liquid) equilibria measurements for ternary systems (sulfolane + a carboxylic acid + n-heptane) at T = 303.15 K and at 0.1 MPa. <i>Journal of Chemical Thermodynamics</i> , 2016 , 96, 169-174	2.9	4
141	Interactions of polyvinylpyrrolidone with imidazolium based ionic liquids: Spectroscopic and Density Functional Theory studies. <i>Journal of Molecular Liquids</i> , 2016 , 213, 13-16	6	17
140	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	6	53
139	Influence of alkyl group on interactions between carboxylic acid and acetonitrile at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 98, 102-110	2.9	5
138	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	6	124
137	Interactions of ethyl acetoacetate with some (C ₄ T ₉) aliphatic ketones at 298.15 K: Insight from volumetric studies. <i>Journal of Molecular Liquids</i> , 2016 , 216, 641-645	6	3
136	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	6	52
135	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	3.7	108
134	Anti-corrosive properties of 4-amino-3,5-bis(disubstituted)-1,2,4-triazole derivatives on mild steel corrosion in 2 M H ₃ PO ₄ solution: Experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2016 , 216, 874-886	6	47
133	Physicochemical Properties of N-Butyl-N-methyl-2-oxopyrrolidonium Bromide and Its Binary Mixtures with Water or Methanol. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 601-608	8.3	5
132	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	3	90
131	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,	3.5	22
130	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	3.2	12
129	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	2.3	21
128	Electrochemical Detection of Phenanthrene Using Nickel Oxide Doped PANI Nanofiber Based Modified Electrodes. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-12	3.2	9
127	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	6	12
126	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	6	95

125	Macrocyclic inhibitor for corrosion of N80 steel in 3.5% NaCl solution saturated with CO ₂ . <i>Journal of Molecular Liquids</i> , 2016 , 219, 865-874	6	25
124	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	5.3	93
123	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	3.8	313
122	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	6	27
121	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	6	175
120	(Vapour + liquid) equilibria, (VLE) excess molar enthalpies and infinite dilution activity coefficients of selected binary systems involving n-hexyl pyridinium bis(trifluoromethylsulphonyl)imide ionic liquid: Experimental and predictions using modified UNIFAC (Dortmund). <i>Journal of Chemical Thermodynamics</i> , 2015 , 80, 82-90	2.9	11
119	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	6	113
118	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	6	84
117	Phase equilibria measurements of ternary mixtures (sulfolane+a carboxylic acid+pentane) at 303.15K. <i>Fluid Phase Equilibria</i> , 2015 , 404, 26-31	2.5	3
116	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	3.8	301
115	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	2.9	15
114	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	6	49
113	Electrochemical response of nitrite and nitric oxide on graphene oxide nanoparticles doped with Prussian blue (PB) and Fe ₂ O ₃ nanoparticles. <i>RSC Advances</i> , 2015 , 5, 27759-27774	3.7	32
112	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	3.7	77
111	Corrosion mitigation of J55 steel in 3.5% NaCl solution by a macrocyclic inhibitor. <i>Applied Surface Science</i> , 2015 , 356, 341-347	6.7	54
110	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	6	134
109	L-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	3.7	130
108	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	6.7	46

107	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	6	49
106	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	6	1
105	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	6	67
104	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	6	79
103	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	3.7	47
102	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	1.6	20
101	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	6	40
100	Cerium salt as green corrosion inhibitor for steel in acid medium. <i>Research on Chemical Intermediates</i> , 2015 , 41, 49-62	2.8	4
99	Conformational, electronic and antioxidant properties of lucidone, linderone and methylinderone: DFT, QTAIM and NBO studies. <i>Molecular Physics</i> , 2015 , 113, 683-697	1.7	31
98	Effect of poly(methyl methacrylate-co-N-vinyl-2-pyrrolidone) polymer on J55 steel corrosion in 3.5% NaCl solution saturated with CO ₂ . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015 , 46, 214-222	5.3	32
97	Ginkgo biloba fruit extract as an eco-friendly corrosion inhibitor for J55 steel in CO ₂ saturated 3.5% NaCl solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 24, 219-228	6.3	74
96	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	3.5	32
95	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, 16004-29	4.8	71
94	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	3.5	72
93	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, 15701-34	4.8	35
92	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, 15122-46	4.8	52
91	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, 789063	4.2	14
90	Mixed Ligand Complexes of N-Methyl-N-phenyl Dithiocarbamate: Synthesis, Characterisation, Antifungal Activity, and Solvent Extraction Studies of the Ligand. <i>Bioinorganic Chemistry and Applications</i> , 2015 , 2015, 913424	4.2	18

89	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	3.2	13
88	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	2.9	18
87	Saccharum sinense bagasse extract as an effective corrosion inhibitor for J55 steel in 3.5% NaCl solution saturated with CO ₂ . <i>Anti-Corrosion Methods and Materials</i> , 2015 , 62, 388-393	0.8	3
86	Use of HPHT autoclave to determine corrosion inhibition effect of poly(methyl methacrylate-co-N-vinyl-2-pyrrolidone) on carbon steels in 3.5% NaCl solution saturated with CO ₂ . <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 339-348	3.5	9
85	Hybrid nanocomposite from aniline and CeO ₂ nanoparticles: Surface protective performance on mild steel in acidic environment. <i>Applied Surface Science</i> , 2015 , 330, 207-215	6.7	62
84	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	6	42
83	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	6	55
82	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	2	23
81	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	2	8
80	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	4.8	9
79	Inhibition of carbon steel corrosion in 1 M HCl medium by potassium thiocyanate Peer review under responsibility of University of Bahrain. View all notes. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2014 , 15, 21-27		12
78	Corrosion inhibition behavior of cefuzonam at mild steel/HCl acid interface. <i>Research on Chemical Intermediates</i> , 2013 , 39, 3033-3042	2.8	8
77	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	2.8	68
76	Inhibitive effect of chloroquine towards corrosion of mild steel in hydrochloric acid solution. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1191-1208	2.8	21
75	Metronidazole as environmentally safe corrosion inhibitor for mild steel in 0.5 M HCl: Experimental and theoretical investigation. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 431-439	6.8	131
74	Ceforanide: a new and efficient corrosion inhibitor for mild steel in HCl solution. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1823-1831	2.8	6
73	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	1.7	4
72	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 & Engineering Chemistry Research</i> , 2013 , 52, 14315-14327	3.9	59

71	Schiff 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	2.8	24
70	Structures, stabilization energies, and binding energies of quinoxaline $\cdot\cdot\cdot\cdot$ (H ₂ O)(n), quinoxaline dimer, and quinoxaline $\cdot\cdot\cdot\cdot$ Cu complexes: a theoretical study. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 1583-95	2.8	18
69	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	11
68	Rheological Modeling and Characterization of Ficus platyphylla Gum Exudates. <i>Journal of Chemistry</i> , 2013 , 2013, 1-10	2.3	8
67	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	0.4	6
66	Colour Change: An Indicator of the Extent of Maillard Browning Reaction in Food System. <i>Asian Journal of Chemistry</i> , 2013 , 25, 9325-9328	0.4	7
65	Chemical and Radiological Risks of Drinking Water from Communities in Wonderfonteinspruit Catchment, South Africa. <i>Asian Journal of Chemistry</i> , 2013 , 25, 9302-9308	0.4	3
64	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	2.8	27
63	Investigation of adsorption characteristics of N,N'-[(methylimino)dimethylidene]di-2,4-xylidine as corrosion inhibitor at mild steel/sulphuric acid interface. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012 , 43, 463-472	5.3	49
62	Electrochemical and Quantum Chemical Investigation of Some Azine and Thiazine Dyes as Potential Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Solution. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 12940-12958	3.9	113
61	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 & Engineering Chemistry Research</i> , 2012 , 51, 13282-13299	3.9	136
60	Corrosion Inhibition of Carbon Steel in HCl Solution by Some Plant Extracts. <i>International Journal of Corrosion</i> , 2012 , 2012, 1-20	2	54
59	Green Approaches to Corrosion Mitigation. <i>International Journal of Corrosion</i> , 2012 , 2012, 1-2	2	2
58	Inhibitory Action of Artemisia annua Extracts and Artemisinin on the Corrosion of Mild Steel in H ₂ SO ₄ Solution. <i>International Journal of Corrosion</i> , 2012 , 2012, 1-8	2	9
57	Industrial Potential of Two Varieties of Cocoyam in Bread Making. <i>E-Journal of Chemistry</i> , 2012 , 9, 451-464		7
56	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	2.2	29
55	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, 3989-97	6.3	8
54	Access to Potable Drinking Water in the Wonderfonteinspruit Catchment. <i>Journal of Social Sciences</i> , 2011 , 29, 73-79	2	1

53	The Effects of Cassia Siamea 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		1
52	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		2
51	Corrosion Inhibition and Adsorption Characteristics of Tarivid on Mild Steel in H ₂ SO ₄ . <i>E-Journal of Chemistry</i> , 2010 , 7, S442-S448		5
50	ETM-ANN approach application for thiobenzamide and quinolizidine derivatives. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010,		3
49	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	4-7	72
48	Corrosion inhibition and adsorption properties of ethanol extract of <i>Gongronema latifolium</i> on mild steel in H ₂ SO ₄ . <i>Pigment and Resin Technology</i> , 2010 , 39, 77-83	1	28
47	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, 2473-98	6.3	148
46	Quantum chemical studies on the inhibition potentials of some Penicillin compounds for the corrosion of mild steel in 0.1 M HCl. <i>Journal of Molecular Modeling</i> , 2010 , 16, 1291-306	2	27
45	Adsorption, synergistic inhibitive effect and quantum chemical studies of ampicillin (AMP) and halides for the corrosion of mild steel in H ₂ SO ₄ . <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 445-456	2.6	73
44	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	2.1	113
43	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	2.1	111
42	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	2.9	14
41	Quantum chemical study of the inhibition of the corrosion of mild steel in H ₂ SO ₄ by some antibiotics. <i>Journal of Molecular Modeling</i> , 2009 , 15, 1085-92	2	50
40	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	3.4	4
39	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, 106-10	2.7	8
38	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, 583-5	2.7	3
37	The Inhibition of aluminium corrosion in hydrochloric acid solution by exudate gum from <i>Raphia hookeri</i> . <i>Desalination</i> , 2009 , 247, 561-572	10.3	101
36	Quantum chemical studies on the corrosion inhibition of some sulphonamides on mild steel in acidic medium. <i>Corrosion Science</i> , 2009 , 51, 35-47	6.8	254

35	Corrosion Inhibition and Adsorption Properties of Methocarbamol on Mild Steel in Acidic Medium. <i>Portugaliae Electrochimica Acta</i> , 2009 , 27, 13-22	2.4	70
34	Studies of the anti-corrosive effect of Raphia hookeri exudate gum-halide mixtures for aluminium corrosion in acidic medium. <i>Pigment and Resin Technology</i> , 2008 , 37, 173-182	1	63
33	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	6.8	209
32	Inhibitory action of Phyllanthus amarus extracts on the corrosion of mild steel in acidic media. <i>Corrosion Science</i> , 2008 , 50, 2310-2317	6.8	324
31	Corrosion Inhibition of Aluminium Using Exudate Gum from Pachylobus edulis in the Presence of Halide Ions in HCl. <i>E-Journal of Chemistry</i> , 2008 , 5, 355-364		55
30	Effects of lead pollution from vehicular exhaust fumes against sentinel juvenile Achatina achatina. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 81, 513-5	2.7	6
29	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	2.9	57
28	Polyethylene glycol and polyvinyl alcohol as corrosion inhibitors for aluminium in acidic medium. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 3363-3370	2.9	61
27	The synergistic effect of polyacrylamide and iodide ions on the corrosion inhibition of mild steel in H ₂ SO ₄ . <i>Materials Chemistry and Physics</i> , 2007 , 106, 387-393	4.4	121
26	Eco-friendly corrosion inhibitors: the inhibitive action of Delonix Regia extract for the corrosion of aluminium in acidic media. <i>Anti-Corrosion Methods and Materials</i> , 2007 , 54, 219-224	0.8	90
25	Eco-friendly corrosion inhibitors: inhibitive action of ethanol extracts of Garcinia kola for the corrosion of mild steel in H ₂ SO ₄ solutions. <i>Pigment and Resin Technology</i> , 2007 , 36, 299-305	1	78
24	Inhibitive action of Carica papaya extracts on the corrosion of mild steel in acidic media and their adsorption characteristics. <i>Pigment and Resin Technology</i> , 2007 , 36, 134-140	1	78
23	Eco-friendly Inhibitors from Naturally Occurring Exudate Gums for Aluminium Corrosion Inhibition in Acidic Medium. <i>Portugaliae Electrochimica Acta</i> , 2007 , 26, 267-282	2.4	32
22	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	2.9	40
21	Studies on the corrosion inhibiting effect of Congo red dye-halide mixtures. <i>Pigment and Resin Technology</i> , 2006 , 35, 30-35	1	25
20	Corrosion inhibition and adsorption behaviour of Ocimum basilicum extract on aluminium. <i>Pigment and Resin Technology</i> , 2006 , 35, 63-70	1	62
19	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	0.8	138
18	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	1	48

17	Water-soluble polymers as corrosion inhibitors. <i>Pigment and Resin Technology</i> , 2006 , 35, 346-352	1	74
16	Corrosion inhibition of mild steel in acidic media by some organic dyes. <i>Materials Letters</i> , 2005 , 59, 2163-2165	3	78
15	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	4.4	162
14	Molluscicidal effects of neem (<i>Azadirachta indica</i>) extracts on edible tropical land snails. <i>Pest Management Science</i> , 2004 , 60, 178-82	4.6	10
13	Studies on the inhibition of aluminium corrosion by 2-acetylphenothiazine in chloroacetic acids. <i>Anti-Corrosion Methods and Materials</i> , 2003 , 50, 414-421	0.8	23
12	Synergistic effect of halide ions on the corrosion inhibition of aluminium in H ₂ SO ₄ using 2-acetylphenothiazine. <i>Materials Chemistry and Physics</i> , 2003 , 79, 58-70	4.4	154
11	Insulator-metal transitions induced by electric and magnetic fields, in thin films of charge-ordered Pr _{1-x} CaxMnO ₃ . <i>Solid State Communications</i> , 2000 , 114, 295-299	1.6	18
10	Thin films of Ln _{1-x} SrxCoO ₃ (Ln=La, Nd and Gd) and SrRuO ₃ by nebulized spray pyrolysis. <i>Solid State Sciences</i> , 2000 , 2, 833-839	3.4	7
9	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	4.4	121
8	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	4.4	64
7	6-phenylpyridazin-3(2H)one as New Corrosion Inhibitor for C38 Steel in 1 M HCL. <i>International Journal of Electrochemical Science</i> , 3309-3322	2.2	3
6	Inhibition of C-steel Corrosion by Green Tea Extract in Hydrochloric Solution. <i>International Journal of Electrochemical Science</i> , 3283-3295	2.2	16
5	Recent advancements in corrosion inhibitor systems through carbon allotropes: Past, present, and future. <i>Nano Select</i> ,	3.1	3
4	Recent progress in epoxy resins as corrosion inhibitors: design and performance. <i>Journal of Adhesion Science and Technology</i> , 1-22	2	3
3	Nanomaterials and Nanocomposites as Corrosion Inhibitors. <i>ACS Symposium Series</i> , 187-217	0.4	1
2	Functionalized Carbon Allotropes as Corrosion Inhibitors. <i>ACS Symposium Series</i> , 87-114	0.4	0
1	Functionalized Nanomaterials for Corrosion Mitigation: Synthesis, Characterization & Applications. <i>ACS Symposium Series</i> , 67-85	0.4	