

charafeddine jama

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/115189/publications.pdf>

Version: 2024-02-01

116
papers

5,825
citations

94415

37
h-index

79691

73
g-index

117
all docs

117
docs citations

117
times ranked

4102
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical and XPS studies of the corrosion inhibition of carbon steel in hydrochloric acid pickling solutions by 3,5-bis(2-thienylmethyl)-4-amino-1,2,4-triazole. <i>Corrosion Science</i> , 2013, 75, 123-133.	6.6	353
2	Corrosion control of mild steel using 3,5-bis(4-methoxyphenyl)-4-amino-1,2,4-triazole in normal hydrochloric acid medium. <i>Corrosion Science</i> , 2009, 51, 1628-1635.	6.6	346
3	Adsorption properties and inhibition of mild steel corrosion in hydrochloric solution by some newly synthesized diamine derivatives: Experimental and theoretical investigations. <i>Corrosion Science</i> , 2010, 52, 3042-3051.	6.6	334
4	Alkaloids extract of <i>Retama monosperma</i> (L.) Boiss. seeds used as novel eco-friendly inhibitor for carbon steel corrosion in 1 M HCl solution: Electrochemical and surface studies. <i>Applied Surface Science</i> , 2015, 357, 1294-1305.	6.1	257
5	Corrosion control of carbon steel in phosphoric acid by purpald " Weight loss, electrochemical and XPS studies. <i>Corrosion Science</i> , 2012, 64, 243-252.	6.6	252
6	ac impedance, X-ray photoelectron spectroscopy and density functional theory studies of 3,5-bis(n-pyridyl)-1,2,4-oxadiazoles as efficient corrosion inhibitors for carbon steel surface in hydrochloric acid solution. <i>Electrochimica Acta</i> , 2010, 55, 1670-1681.	5.2	228
7	Corrosion inhibition of carbon steel and antibacterial properties of aminotris-(methylenephosphonic) acid. <i>Materials Chemistry and Physics</i> , 2010, 119, 330-336.	4.0	222
8	Corrosion inhibition performance of 2,5-bis(4-dimethylaminophenyl)-1,3,4-oxadiazole for carbon steel in HCl solution: Gravimetric, electrochemical and XPS studies. <i>Applied Surface Science</i> , 2016, 389, 952-966.	6.1	175
9	<i>Artemisia Mesatlantica</i> essential oil as green inhibitor for carbon steel corrosion in 1M HCl solution: Electrochemical and XPS investigations. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 146-155.	5.8	164
10	Intumescent paints: fire protective coatings for metallic substrates. <i>Surface and Coatings Technology</i> , 2004, 180-181, 302-307.	4.8	151
11	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.	2.8	150
12	Polymer Nanocomposites: How to Reach Low Flammability?. <i>Macromolecular Symposia</i> , 2006, 233, 180-190.	0.7	140
13	Elaboration of EVA"nanoclay systems" characterization, thermal behaviour and fire performance. <i>Composites Science and Technology</i> , 2003, 63, 1141-1148.	7.8	136
14	Adsorption and corrosion inhibition properties of 5-amino 1,3,4-thiadiazole-2-thiol on the mild steel in hydrochloric acid medium: Thermodynamic, surface and electrochemical studies. <i>Journal of Electroanalytical Chemistry</i> , 2017, 803, 125-134.	3.8	124
15	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.	4.9	108
16	Fennel (<i>Foeniculum Vulgare</i>) Essential Oil as Green Corrosion Inhibitor of Carbon Steel in Hydrochloric Acid Solution. <i>Portugaliae Electrochimica Acta</i> , 2011, 29, 127-138.	1.1	105
17	Thermoplastic resins for thin film intumescent coatings " towards a better understanding of their effect on intumescence efficiency. <i>Polymer Degradation and Stability</i> , 2005, 88, 63-69.	5.8	100
18	Enhanced corrosion resistance properties of radiofrequency cold plasma nitrated carbon steel: Gravimetric and electrochemical results. <i>Electrochimica Acta</i> , 2009, 54, 2371-2378.	5.2	97

#	ARTICLE	IF	CITATIONS
19	Polyphosphate derivatives of guanidine and urea copolymer: Inhibiting corrosion effect of Armco iron in acid solution and antibacterial activity. <i>Corrosion Science</i> , 2008, 50, 2914-2918.	6.6	91
20	Simple preparation and characterization of novel 8-Hydroxyquinoline derivatives as effective acid corrosion inhibitor for mild steel: Experimental and theoretical studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125094.	4.7	91
21	Fire retardancy of polymer clay nanocomposites: Is there an influence of the nanomorphology?. <i>Polymer Degradation and Stability</i> , 2008, 93, 2019-2024.	5.8	83
22	Investigation of (co)-combustion kinetics of biomass, coal and municipal solid wastes. <i>Waste Management</i> , 2019, 97, 10-18.	7.4	80
23	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.	5.8	80
24	Characterisation of the dispersion in polymer flame retarded nanocomposites. <i>European Polymer Journal</i> , 2008, 44, 1631-1641.	5.4	68
25	Sargassum muticum extract based on alginate biopolymer as a new efficient biological corrosion inhibitor for carbon steel in hydrochloric acid pickling environment: Gravimetric, electrochemical and surface studies. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 137-149.	7.5	64
26	Treatment of poly(ether ether ketone) (PEEK) surfaces by remote plasma discharge. XPS investigation of the ageing of plasma-treated PEEK. <i>Surface and Interface Analysis</i> , 1992, 18, 751-756.	1.8	61
27	Direct amination of hydrogen-terminated boron doped diamond surfaces. <i>Electrochemistry Communications</i> , 2006, 8, 1185-1190.	4.7	57
28	Effect of materials mixture on the higher heating value: Case of biomass, biochar and municipal solid waste. <i>Waste Management</i> , 2017, 61, 78-86.	7.4	57
29	An experimental-coupled empirical investigation on the corrosion inhibitory action of 7-alkyl-8-Hydroxyquinolines on C35E steel in HCl electrolyte. <i>Journal of Molecular Liquids</i> , 2020, 317, 113973.	4.9	55
30	Crossed characterisation of polymer-layered silicate (PLS) nanocomposite morphology: TEM, X-ray diffraction, rheology and solid-state nuclear magnetic resonance measurements. <i>European Polymer Journal</i> , 2008, 44, 1642-1653.	5.4	50
31	Synthesis and characterization of novel Cu (II) and Zn (II) complexes of 5-[(2-Hydroxyethyl) sulfanyl] methyl]-8-hydroxyquinoline as effective acid corrosion inhibitor by experimental and computational testings. <i>Chemical Physics Letters</i> , 2020, 754, 137771.	2.6	50
32	Isolation and FTIR-ATR and ¹ H NMR Characterization of Alginates from the Main Alginophyte Species of the Atlantic Coast of Morocco. <i>Molecules</i> , 2020, 25, 4335.	3.8	45
33	Experimental studies and computational exploration on the 2-amino-5-(2-methoxyphenyl)-1,3,4-thiadiazole as novel corrosion inhibitor for mild steel in acidic environment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 604, 125320.	4.7	43
34	New approach to flame retardancy using plasma assisted surface polymerisation techniques. <i>Polymer Degradation and Stability</i> , 1999, 66, 153-155.	5.8	42
35	Elaboration of a fire retardant coating for polyamide-6 using cold plasma polymerization of a fluorinated acrylate. <i>Surface and Coatings Technology</i> , 2004, 180-181, 297-301.	4.8	42
36	Study of corrosion resistance properties of nitrated carbon steel using radiofrequency N ₂ /H ₂ cold plasma process. <i>Corrosion Science</i> , 2010, 52, 3180-3190.	6.6	41

#	ARTICLE	IF	CITATIONS
37	Biomass higher heating value prediction from ultimate analysis using multiple regression and genetic programming. <i>Biomass Conversion and Biorefinery</i> , 2019, 9, 499-509.	4.6	41
38	Municipal solid waste higher heating value prediction from ultimate analysis using multiple regression and genetic programming techniques. <i>Waste Management and Research</i> , 2019, 37, 578-589.	3.9	40
39	Peptide Immobilization on Amine-Terminated Boron-Doped Diamond Surfaces. <i>Langmuir</i> , 2007, 23, 4494-4497.	3.5	38
40	Brown Seaweed <i>Sargassum muticum</i> as Low-Cost Biosorbent of Methylene Blue. <i>International Journal of Environmental Research</i> , 2019, 13, 131-142.	2.3	38
41	Cost-effective non-noble metal supported on conducting polymer composite such as nickel nanoparticles/polypyrrole as efficient anode electrocatalyst for ethanol oxidation. <i>Materials Chemistry and Physics</i> , 2020, 250, 123009.	4.0	38
42	Characterization of organosilicon films synthesized by N ₂ -PACVD. Application to fire retardant properties of coated polymers. <i>Surface and Coatings Technology</i> , 2004, 180-181, 265-270.	4.8	35
43	Nisin adsorption on hydrophilic and hydrophobic surfaces: evidence of its interactions and antibacterial activity. <i>Journal of Peptide Science</i> , 2013, 19, 377-385.	1.4	32
44	Heat and fire resistance of polyurethane-polydimethylsiloxane hybrid material. <i>Polymers for Advanced Technologies</i> , 2006, 17, 304-311.	3.2	31
45	Surface modifications of polycarbonate (PC) and polyethylene terephthalate (PET) by cold remote nitrogen plasma (CRNP). <i>Surface Science</i> , 1996, 352-354, 490-494.	1.9	30
46	Carbon nitride CN _x film deposition assisted by IR laser ablation in a cold remote nitrogen plasma. <i>Thin Solid Films</i> , 1997, 302, 58-65.	1.8	29
47	Influence of the Surface Termination of Boron-Doped Diamond Electrodes on Oxygen Reduction in Basic Medium. <i>Electrochemical and Solid-State Letters</i> , 2007, 10, G43.	2.2	29
48	Radiofrequency cold plasma nitrated carbon steel: Microstructural and micromechanical characterizations. <i>Materials Chemistry and Physics</i> , 2011, 127, 329-334.	4.0	29
49	Elaboration of fire retardant coatings on polyamide-6 using a cold plasma polymerization process. <i>Surface and Coatings Technology</i> , 2002, 151-152, 424-428.	4.8	28
50	Insights into the inhibition mechanism of 2,5-bis(4-pyridyl)-1,3,4-oxadiazole for carbon steel corrosion in hydrochloric acid pickling via experimental and computational approaches. <i>Journal of Molecular Liquids</i> , 2021, 342, 116958.	4.9	28
51	New routes to flame retard polyamide 6,6 for electrical applications. <i>Journal of Fire Sciences</i> , 2012, 30, 535-551.	2.0	27
52	Effect of incubation duration, growth temperature, and abiotic surface type on cell surface properties, adhesion and pathogenicity of biofilm-detached <i>Staphylococcus aureus</i> cells. <i>AMB Express</i> , 2017, 7, 191.	3.0	27
53	X-ray photoelectron spectroscopy study of carbon nitride coatings deposited by IR laser ablation in a remote nitrogen plasma atmosphere. <i>Surface and Interface Analysis</i> , 2001, 31, 815-824.	1.8	26
54	Effects of electron beam irradiation on thermal and mechanical properties of poly(lactic acid) films. <i>Polymer Degradation and Stability</i> , 2016, 133, 293-302.	5.8	25

#	ARTICLE	IF	CITATIONS
55	Nisin-activated hydrophobic and hydrophilic surfaces: assessment of peptide adsorption and antibacterial activity against some food pathogens. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10321-10328.	3.6	24
56	Bagassa guianensis ethanol extract used as sustainable eco-friendly inhibitor for zinc corrosion in 3% NaCl: Electrochemical and XPS studies. <i>Surfaces and Interfaces</i> , 2020, 20, 100588.	3.0	24
57	Structure and morphology of an intumescent polypropylene blend. <i>Journal of Applied Polymer Science</i> , 2004, 93, 402-411.	2.6	23
58	Study of nisin adsorption on plasma-treated polymer surfaces for setting up materials with antibacterial properties. <i>Reactive and Functional Polymers</i> , 2013, 73, 1473-1479.	4.1	23
59	Optimization of cold plasma process parameters for organosilicon films deposition on carbon steel: Study of the surface pretreatment effect on corrosion protection performance in 3 wt% NaCl medium. <i>Journal of Alloys and Compounds</i> , 2018, 758, 148-161.	5.5	23
60	Structural and micro-mechanical studies of CN _x films deposited on silicon substrates in a remote nitrogen plasma. <i>Surface and Coatings Technology</i> , 1999, 116-119, 59-64.	4.8	22
61	A new approach in modifying ethylene glycol methacrylate phosphate coating formulation by adding sodium montmorillonite to increase corrosion resistance properties. <i>Journal of Alloys and Compounds</i> , 2017, 723, 1032-1038.	5.5	22
62	Appraisal of corrosion inhibiting ability of new 5-N-((alkylamino)methyl)quinolin-8-ol analogs for C40E steel in sulfuric acid. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 30246-30266.	7.1	22
63	Thermodynamic Prediction of Growth Temperature Dependence in the Adhesion of <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> to Stainless Steel and Polycarbonate. <i>Journal of Food Protection</i> , 2014, 77, 1116-1126.	1.7	20
64	Characterization of polyethylene surfaces heated after plasma fluorination. <i>Surface and Interface Analysis</i> , 1999, 27, 653-658.	1.8	19
65	Study of Temperature Effect on the Corrosion Inhibition of C38 Carbon Steel Using Amino-tris(Methylenephosphonic) Acid in Hydrochloric Acid Solution. <i>International Journal of Corrosion</i> , 2011, 2011, 1-8.	1.1	19
66	Anticorrosion potential of diethylenetriaminepentakis (methylphosphonic) acid on carbon steel in hydrochloric acid solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 270-276.	5.8	19
67	Optimization of cold nitrogen plasma surface modification process for setting up antimicrobial low density polyethylene films. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 64, 299-305.	5.3	19
68	Anticorrosive properties of two 3,5-disubstituted-4-amino-1,2,4-triazole derivatives on copper in hydrochloric acid environment: Ac impedance, thermodynamic and computational investigations. <i>Surfaces and Interfaces</i> , 2020, 21, 100692.	3.0	18
69	In-vitro evaluation of the antibacterial activity of the essential oils of <i>Micromeria barbata</i> , <i>Eucalyptus globulus</i> and <i>Juniperus excelsa</i> against strains of <i>Mycobacterium tuberculosis</i> (including MDR), <i>Mycobacterium kansasii</i> and <i>Mycobacterium gordonae</i> . <i>Journal of Infection and Public Health</i> , 2019, 12, 615-618.	4.1	17
70	Synthesis, structural, optical and electrical properties of La-modified Lead Iron Titanate ceramics for NTCR thermo-resistance based sensors. <i>Materials Chemistry and Physics</i> , 2019, 223, 60-67.	4.0	17
71	Characterization of carbon nitride layers deposited by IR laser ablation of graphite target in a remote nitrogen plasma atmosphere: nanoparticle evidence. <i>Thin Solid Films</i> , 2002, 408, 15-25.	1.8	16
72	Thermal performance of PEG-MWCNTs composites as shape-stabilised phase change materials for thermal energy storage. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 732-738.	2.1	15

#	ARTICLE	IF	CITATIONS
73	Title is missing!. Journal of Materials Science, 2002, 37, 1395-1399.	3.7	14
74	Surface functionalization with phosphazenes. V. Surface modification of plasma-treated polyamide 6 with fluorinated alcohols and azobenzene derivatives through chlorinated phosphazene intermediates. Journal of Applied Polymer Science, 2008, 108, 3191-3199.	2.6	14
75	Investigation of Corrosion Inhibition Efficiency of Amazonian Tree Alkaloids Extract for C38 steel in 1M Hydrochloric Media. International Journal of Electrochemical Science, 2019, , 1208-1223.	1.3	14
76	Thermal and energetic behaviour of solid-solid-liquid phase change materials storage unit: Experimental and numerical comparative study of the top, bottom and horizontal configurations. Journal of Energy Storage, 2021, 33, 102025.	8.1	14
77	Evaluation of global energy performance of building walls integrating PCM: Numerical study in semi-arid climate in Morocco. Case Studies in Construction Materials, 2022, 16, e00979.	1.7	14
78	Biosynthesis and Characterization of Silver Nanoparticles Using Sodium Alginate from the Invasive Macroalga Sargassum muticum. BioNanoScience, 2018, 8, 617-623.	3.5	13
79	Microencapsulation of benzalkonium chloride enhanced its antibacterial and antibiofilm activities against <i>Listeria monocytogenes</i> and <i>Escherichia coli</i> . Journal of Applied Microbiology, 2021, 131, 1136-1146.	3.1	13
80	Comparison of Volatile Compounds Profile and Antioxydant Activity of Allium sativum Essential Oils Extracted using Hydrodistillation, Ultrasound- Assisted and Sono-Hydrodistillation Processes. Indian Journal of Pharmaceutical Education and Research, 2017, 51, s281-s285.	0.6	13
81	Cold plasma surface treatments to prevent biofilm formation in food industries and medical sectors. Applied Microbiology and Biotechnology, 2022, 106, 81-100.	3.6	13
82	Barrier behavior hindering Zn ⁺⁺ diffusion from cold remote nitrogen plasma-deposited silicon films. Journal of Applied Polymer Science, 1997, 64, 699-705.	2.6	12
83	X-ray photoelectron spectroscopy investigation of fire retarded polymeric materials. Polymer Degradation and Stability, 2002, 77, 203-211.	5.8	12
84	Surface Functionalization with Phosphazenes: Part 6. Modification of Polyethylene-Co-Polyvinylalcohol Copolymer Surface Plates with Fluorinated Alcohols and Azobenzene Derivatives Using Chlorinated Phosphazenes as Coupling Agents. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 344-351.	3.7	12
85	Surface Functionalization with Phosphazenes, Part 3: Surface Modification of Plasma-Treated Polyethylene with Fluorinated Alcohols Using Chlorinated Phosphazenes as Coupling Agents. Chemistry of Materials, 2007, 19, 4975-4981.	6.7	11
86	Effects of sol-gel process parameters on the anticorrosive performance of phosphosilicate hybrid coatings for carbon steel: structural and electrochemical studies. New Journal of Chemistry, 2018, 42, 13442-13452.	2.8	11
87	Effect of low amount Mn doping on structural and magnetic properties of SrFe ₁₂ O ₁₉ : Effective magnetic anisotropy study by Stoner - Wohlfarth model. Materials Today Communications, 2021, 27, 102257.	1.9	11
88	Synthesis and Characterization of Silver Nanoparticles Using Alginate from the Brown Seaweed Laminaria ochroleuca: Structural Features and Antibacterial Activity. Biointerface Research in Applied Chemistry, 2021, 12, 6046-6057.	1.0	11
89	Structural and anticorrosion performance characterization of phosphosilicate sol-gel coatings prepared from 3-(trimethoxysilyl) propyl methacrylate and bis[2-(methacryloyloxy)ethyl] phosphate. Progress in Organic Coatings, 2015, 89, 123-131.	3.9	10
90	Gracilaria gracilis (Gracilariales, Rhodophyta) from Dakhla (Southern Moroccan Atlantic Coast) as Source of Agar: Content, Chemical Characteristics, and Gelling Properties. Marine Drugs, 2021, 19, 672.	4.6	10

#	ARTICLE	IF	CITATIONS
91	Evaluation of the Antibacterial Activity of <i>Micromeria barbata</i> in Lebanon. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 321-327.	1.9	9
92	Multiple regression and genetic programming for coal higher heating value estimation. International Journal of Green Energy, 2018, 15, 958-964.	3.8	9
93	Grafting of amine functions on cellulose acetate fibers by plasma processing. Reactive and Functional Polymers, 2019, 134, 40-48.	4.1	9
94	Anti-biofilm activity of dodecyltrimethylammonium chloride microcapsules against <i>Salmonella enterica</i> serovar Enteritidis and <i>Staphylococcus aureus</i> . Biofouling, 2021, 37, 49-60.	2.2	9
95	Elaboration and Grafting of Cold Plasma Organo-Phosphorus Copolymers on Polyamide 6: New Approach to Flame Retardancy. Molecular Crystals and Liquid Crystals, 2008, 486, 316/[1358]-324/[1366].	0.9	8
96	Storage efficiency of paraffin-LDPE-MWCNT phase change material for industrial building applications. , 2020, , .		7
97	Spectroscopic Characterization and Gel Properties of Agar from Two Gelidium Species from the Atlantic Coast of Morocco. Biointerface Research in Applied Chemistry, 2021, 11, 12642-12652.	1.0	7
98	The residue of alginate extraction from <i>Sargassum muticum</i> (Brown seaweed) as a low-cost adsorbent for hexavalent chromium removal from aqueous solutions. , 0, 75, 107-114.		7
99	Study of copper removal by modified biomaterials using the response surface methodology, DFT Calculation, and molecular dynamic simulation. Journal of Molecular Liquids, 2022, 363, 119799.	4.9	7
100	Actively detached <i>Pseudomonas aeruginosa</i> biofilm cell susceptibility to benzalkonium chloride and associated resistance mechanism. Archives of Microbiology, 2019, 201, 747-755.	2.2	6
101	Antimicrobial Peptides-Coated Stainless Steel for Fighting Biofilms Formation for Food and Medical Fields: Review of Literature. Coatings, 2021, 11, 1216.	2.6	6
102	Comparative study of growth temperature impact on the susceptibility of biofilm-detached and planktonic <i>Staphylococcus aureus</i> cells to benzalkonium chloride. Annals of Microbiology, 2019, 69, 291-298.	2.6	5
103	Nisin-based coatings for the prevention of biofilm formation: Surface characterization and antimicrobial assessments. Surfaces and Interfaces, 2021, 27, 101564.	3.0	5
104	Ageing of an organosiloxane deposit in a cold remote nitrogen plasma: XPS investigation. Surface Science, 1996, 352-354, 893-897.	1.9	4
105	Surface Modification of Plasma-Treated Polyamide-6 with Fluorinated Alcohols and Azobenzene Compounds using Chlorinated Phosphazenes as Coupling Agents. Molecular Crystals and Liquid Crystals, 2008, 483, 62-70.	0.9	4
106	Comparative Study on the Impact of Growth Conditions on the Physiology and the Virulence of <i>Pseudomonas aeruginosa</i> Biofilm and Planktonic Cells. Journal of Food Protection, 2019, 82, 1357-1363.	1.7	4
107	Impact of growth temperature on the adhesion of colistin-resistant <i>Escherichia coli</i> strains isolated from pigs to food-contact-surfaces. Archives of Microbiology, 2019, 201, 679-690.	2.2	3
108	Essential Oil of <i>Salvia officinalis</i> as Novel Eco-Friendly Inhibitor for Carbon Steel in HCl Solution: Weight Loss, Electrochemical and XPS Studies. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 438-449.	1.1	3

#	ARTICLE	IF	CITATIONS
109	Cold plasma assisted deposition of organosilicon coatings on stainless steel for prevention of adhesion of <i>Salmonella enterica</i> serovar Enteritidis. <i>Biofouling</i> , 2021, 37, 161-173.	2.2	3
110	Cold remote nitrogen plasma effects on pulsed laser deposited CNX films characteristics. <i>Carbon</i> , 1998, 36, 785-789.	10.3	2
111	Fire Retardancy of Polypropylene Composites Using Intumescent Coatings. <i>ACS Symposium Series</i> , 2009, , 192-204.	0.5	2
112	Structural and mechanical properties of radiofrequency N ₂ /H ₂ cold plasma-nitrided C38 carbon steel. <i>EPJ Applied Physics</i> , 2011, 55, 31302.	0.7	2
113	Seasonal patterns of growth, alginate content and block structure of the alien invader <i>Sargassum muticum</i> (Fucales, Ochrophyta) from the Atlantic coast of Morocco. <i>Botanica Marina</i> , 2022, 65, 69-78.	1.2	2
114	Cold Plasma Technologies for Surface Modification and Thin Film Deposition. , 2007, , 109-124.		1
115	Thermo-chemical behavior of biomass, coal, municipal solid wastes and their mixtures. , 2020, , .		1
116	2-Amino-1-(4-aminophenyl)-1H-pyrrolo(2,3-b)quinoxaline-3- carbonitrile as an efficient inhibitor for the corrosion of C38 steel in hydrochloric acid solution. <i>International Journal of Electrochemical Science</i> , 2020, , 2326-2334.	1.3	0