

Shaikh A Ali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/779446/publications.pdf>

Version: 2024-02-01

175
papers

3,923
citations

117625

34
h-index

168389

53
g-index

176
all docs

176
docs citations

176
times ranked

2878
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and development of N-vinylcaprolactam copolymers as kinetic hydrate inhibitors for sour gas environments. <i>Fuel</i> , 2022, 311, 122497.	6.4	10
2	1,12-Dodecyl-diyl-bis(dimethylalkylammonium bromide) compounds anticorrosion property on C1018/15% HCl solution interface: Experimental, molecular dynamics simulation, and DFT studies. <i>Journal of Molecular Liquids</i> , 2022, 346, 118332.	4.9	5
3	Inhibition of mild steel corrosion in 1M H ₂ SO ₄ by a gemini surfactant 1,6-hexyldiyl-bis-(dimethyldodecylammonium bromide): ANN, RSM predictive modeling, quantum chemical and MD simulation studies. <i>Journal of Molecular Liquids</i> , 2022, 350, 118533.	4.9	34
4	A sorbent containing pH-responsive chelating residues of aspartic and maleic acids for mitigation of toxic metal ions, cationic, and anionic dyes. <i>RSC Advances</i> , 2022, 12, 5938-5952.	3.6	6
5	Synthesis of a biomimetic zwitterionic pentapolymer to fabricate high-performance PVDF membranes for efficient separation of oil-in-water nano-emulsions. <i>Scientific Reports</i> , 2022, 12, 5028.	3.3	12
6	An antiscalant with chelating residues of amino acid glycine. <i>Desalination</i> , 2022, 531, 115728.	8.2	7
7	Laser-assisted fabrication of silver quantum dots/polyaspartate polymer composite for antimicrobial applications. <i>Optics and Laser Technology</i> , 2022, 152, 108122.	4.6	12
8	Tipping effect of tetra-alkylammonium on the potency of N-(6-(1H-benzo[d]imidazol-1-yl)hexyl)-N,N-dimethyldodecan-1-aminium bromide (BIDAB) as corrosion inhibitor of austenitic 304L stainless steel in oil and gas acidization: Experimental and DFT approach. <i>Journal of Molecular Liquids</i> , 2022, 360, 119431.	4.9	16
9	Investigation of biodegradable polyaspartate as an effective chelant for washing of lead from soil: response surface methodology approach. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 2679-2696.	3.3	4
10	Hydroquinone Decorated with Alkyne, Quaternary Ammonium, and Hydrophobic Motifs to Mitigate Corrosion of X60 Mild Steel in 15 wt.% HCl. <i>Chemistry - an Asian Journal</i> , 2021, 16, 801-821.	3.3	8
11	Evaluation of 1-Hexadecylbenzimidazole as a Corrosion Inhibitor on Low Carbon Steel 15 wt.% HCl Solution Interface. <i>ChemistrySelect</i> , 2021, 6, 3199-3217.	1.5	8
12	Synthesis and application of alternate cyclopolymers of $\hat{1}^2$ -diallylaminoethyliminodiacetic acid with maleic acid and sulfur dioxide. <i>Reactive and Functional Polymers</i> , 2021, 161, 104857.	4.1	6
13	A resin containing motifs of maleic acid and glycine: a super-adsorbent for adsorptive removal of basic dye pararosaniline hydrochloride and Cd(II) from water. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1333-1346.	3.0	5
14	N1,N1,N12,N12-Tetramethyl-N1, N12-dioctyldodecane-1,12-diaminium bromide: Its synthesis and application in inhibition of mild steel corrosion in 15% HCl. <i>Journal of Molecular Liquids</i> , 2021, 338, 116630.	4.9	14
15	Synthesis of stimuli-responsive ionic cyclopolymers in search of phosphorous-free antiscalants. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50402.	2.6	4
16	Assembly of succinic acid and isoxazolidine motifs in a single entity to mitigate CO ₂ corrosion of mild steel in saline media. <i>Arabian Journal of Chemistry</i> , 2020, 13, 242-257.	4.9	13
17	Synthesis and application of a poly(bis-zwitterion) containing chelating motifs of N-(2-aminoethyl)iminodiacetic acid. <i>European Polymer Journal</i> , 2020, 141, 110071.	5.4	7
18	Pyrrolidine-based quaternary ammonium salts containing propargyl and hydrophobic C-12 and C-16 alkyl chains as corrosion inhibitors in aqueous acidic media. <i>Journal of Molecular Liquids</i> , 2020, 320, 114473.	4.9	27

#	ARTICLE	IF	CITATIONS
19	Glycidyl ether of naturally occurring sesamol in the synthesis of mussel-inspired polymers. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6649-6661.	4.9	0
20	Synthesis and Evaluation of a New Acryloyl-Based Copolymer as Kinetic Hydrate Inhibitor for Sour Gas Environments. <i>Energy & Fuels</i> , 2020, 34, 13580-13587.	5.1	8
21	Design and synthesis of a novel corrosion inhibitor embedded with quaternary ammonium, amide and amine motifs for protection of carbon steel in 1M HCl. <i>Journal of Molecular Liquids</i> , 2020, 317, 113917.	4.9	62
22	Design and Synthesis of a Dual-Purpose Superadsorbent Containing a High Density of Chelating Motifs for the Fast Mitigation of Methylene Blue and Pb(II). <i>ACS Omega</i> , 2020, 5, 27833-27845.	3.5	4
23	Comparative Studies of the Corrosion Inhibition Efficacy of a Dicationic Monomer and Its Polymer against API X60 Steel Corrosion in Simulated Acidizing Fluid under Static and Hydrodynamic Conditions. <i>ACS Omega</i> , 2020, 5, 27057-27071.	3.5	46
24	Impact of Degree of Hydrophilicity of Pyridinium Bromide Derivatives on HCl Pickling of X-60 Mild Steel: Experimental and Theoretical Evaluations. <i>Coatings</i> , 2020, 10, 185.	2.6	14
25	Assessment of sulfonated homo and co-polyimides incorporated polysulfone ultrafiltration blend membranes for effective removal of heavy metals and proteins. <i>Scientific Reports</i> , 2020, 10, 7049.	3.3	19
26	Synthesis, characterization and electrochemical evaluation of anticorrosion property of a tetrapolymer for carbon steel in strong acid media. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 965-978.	3.5	25
27	Studies of the anticorrosion property of a newly synthesized Green isoxazolidine for API 5L X60 steel in acid environment. <i>Journal of Materials Research and Technology</i> , 2019, 8, 4399-4416.	5.8	27
28	Utilization of catecholic functionality in natural safrole and eugenol to synthesize mussel-inspired polymers. <i>RSC Advances</i> , 2019, 9, 21265-21277.	3.6	7
29	Construction of a double-layered polyelectrolyte-coated mesoporous silica containing residues of biogenic aspartic acid and its utilization for cadmium (II) removal. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 830-843.	2.4	3
30	Synthesis, characterization, and utilization of a diallylmethylamine-based cyclopolymer for corrosion mitigation in simulated acidizing environment. <i>Materials Science and Engineering C</i> , 2019, 100, 897-914.	7.3	56
31	Fast removal of methylene blue and Hg(II) from aqueous solution using a novel super-adsorbent containing residues of glycine and maleic acid. <i>Journal of Hazardous Materials</i> , 2019, 369, 642-654.	12.4	38
32	Adsorption of Cd ²⁺ and Cu ²⁺ ions from aqueous solutions by a cross-linked polysulfonate-carboxylate resin. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2597-2607.	4.9	7
33	A new resin embedded with chelating motifs of biogenic methionine for the removal of Hg(II) at ppb levels. <i>Journal of Hazardous Materials</i> , 2018, 350, 169-179.	12.4	23
34	Immobilization of two polyelectrolytes leading to a novel hydrogel for high-performance Hg ²⁺ removal to ppb and sub-ppb levels. <i>Chemical Engineering Journal</i> , 2018, 334, 1440-1454.	12.7	18
35	Isoxazolidine derivatives as corrosion inhibitors for low carbon steel in HCl solution: experimental, theoretical and effect of KI studies. <i>RSC Advances</i> , 2018, 8, 1764-1777.	3.6	105
36	Carbon Dioxide Corrosion Inhibitors: A review. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 1-22.	3.0	61

#	ARTICLE	IF	CITATIONS
37	Polyaspartate extraction of cadmium ions from contaminated soil: Evaluation and optimization using central composite design. <i>Journal of Hazardous Materials</i> , 2018, 342, 58-68.	12.4	35
38	Scope of sulfur dioxide incorporation into alkyldiallylamine- <i>maleic acid</i> SO ₂ tercylopolymer. <i>RSC Advances</i> , 2018, 8, 38891-38902.	3.6	6
39	A New Resin Containing Aminopropylphosphonate Chelating Ligand for High-Performance Mitigation of Heavy Metal Ions. <i>ChemistrySelect</i> , 2018, 3, 13408-13418.	1.5	1
40	Fine Tuning the Diffusion Length in Hierarchical ZSM-5 To Maximize the Yield of Propylene in Catalytic Cracking of Hydrocarbons. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15832-15840.	6.7	39
41	Inhibition of mild steel corrosion in hydrochloric acid medium by polymeric inhibitors containing residues of essential amino acid methionine. <i>Iranian Polymer Journal (English Edition)</i> , 2018, 27, 979-995.	2.4	9
42	Biogenic glutamic acid-based resin: Its synthesis and application in the removal of cobalt(II). <i>Journal of Hazardous Materials</i> , 2017, 327, 44-54.	12.4	31
43	Butler's cyclopolymerization protocol in the synthesis of diallylamine salts/sulfur dioxide alternate polymers containing amino acid residues. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	6
44	Synthesis and application of polyzwitterionic and polyampholytic maleic acid-alt-(diallylamino)propylphosphonates. <i>RSC Advances</i> , 2017, 7, 31641-31653.	3.6	13
45	Simultaneous trapping of Cr(III) and organic dyes by a pH-responsive resin containing zwitterionic aminomethylphosphonate ligands and hydrophobic pendants. <i>Chemical Engineering Journal</i> , 2017, 330, 663-674.	12.7	44
46	Tailoring hydrophobic branch in polyzwitterionic resin for simultaneous capturing of Hg(II) and methylene blue with response surface optimization. <i>Scientific Reports</i> , 2017, 7, 4573.	3.3	37
47	Alternate cyclopolymer of diallylglutamic acid and sulfur dioxide. <i>RSC Advances</i> , 2016, 6, 31019-31030.	3.6	9
48	Synthesis of a terpolymer and a tetrapolymer using monomers of diallylamine salts and SO ₂ and their application as antiscalants. <i>Iranian Polymer Journal (English Edition)</i> , 2016, 25, 747-756.	2.4	4
49	Synthesis and application of a cyclopolymer bearing a propylphosphonic acid and a propylcarboxylic acid pendants in the same repeating unit. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	10
50	Aminomethylphosphonate Chelating Ligand and Octadecyl Alkyl Chain in a Resin for Simultaneous Removal of Co(II) Ions and Organic Contaminants. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3377-3385.	1.9	19
51	Poly(N,N-diallylaspartic acid-alt-sulfur dioxide): its synthesis and application. <i>Polymer Bulletin</i> , 2016, 73, 2179-2198.	3.3	5
52	Imidazolines containing single-, twin- and triple-tailed hydrophobes and hydrophilic pendants (CH ₂ CH ₂ NH) _n H as inhibitors of mild steel corrosion in CO ₂ -0.5 M NaCl. <i>RSC Advances</i> , 2016, 6, 12348-12362.	3.6	29
53	Diallylbis(3-ethoxycarbonylpropyl)ammonium chloride: A symmetrically substituted monomer for the synthesis of an alternate zwitterionic-anionic cyclopolymer. <i>Macromolecular Research</i> , 2016, 24, 163-169.	2.4	7
54	Synthesis of hydrophobic cross-linked polyzwitterionic acid for simultaneous sorption of Eriochrome black T and chromium ions from binary hazardous waters. <i>Journal of Colloid and Interface Science</i> , 2016, 468, 324-333.	9.4	86

#	ARTICLE	IF	CITATIONS
55	A glutamic acid-based polymer keeping intact the integrity of all the three original functionalities of the amino acid. <i>Designed Monomers and Polymers</i> , 2016, 19, 128-137.	1.6	8
56	Synthesis of novel cross-linked cyclopolymer bearing polyzwitterion-dianionic moieties and its sorption efficiency for Ni(II) removal from waters. <i>Chemical Engineering Research and Design</i> , 2016, 106, 337-346.	5.6	6
57	The molecular structure and vibrational, ¹ H and ¹³ C NMR spectra of lidocaine hydrochloride monohydrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 92-100.	3.9	15
58	A novel cross-linked pH-responsive tetrapolymer: Synthesis, characterization and sorption evaluation towards Cr(III). <i>Chemical Engineering Journal</i> , 2015, 269, 9-19.	12.7	34
59	The conformational stability, solvation and the assignments of the experimental infrared, Raman, ¹ H and ¹³ C NMR spectra of the local anesthetic drug lidocaine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 382-391.	3.9	17
60	Synthesis of a unique cross-linked polyzwitterion/anion with an aspartic acid residue and its use for Pb ²⁺ removal from aqueous solution. <i>RSC Advances</i> , 2015, 5, 42222-42232.	3.6	43
61	A study of the solvent dependence of the structures and the vibrational, ¹ H and ¹³ C NMR spectra of l- and dl-mandelic acid and l- and dl-3-phenyllactic acid. <i>Journal of Molecular Structure</i> , 2015, 1093, 150-161.	3.6	9
62	A novel cyclopolymer containing residues of essential amino acid methionine: synthesis and application. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 541-547.	2.4	10
63	New Chelating Ion-Exchange Resin Synthesized via the Cyclopolymerization Protocol and Its Uptake Performance for Metal Ion Removal. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 9689-9698.	3.7	31
64	Aspartic acid in a new role: Synthesis and application of a pH-responsive cyclopolymer containing residues of the amino acid. <i>Reactive and Functional Polymers</i> , 2015, 93, 120-129.	4.1	9
65	The effects of N -pendants and electron-rich amidine motifs in 2-(p -alkoxyphenyl)-2-imidazolines on mild steel corrosion in CO ₂ -saturated 0.5 M NaCl. <i>Corrosion Science</i> , 2015, 90, 54-68.	6.6	70
66	Synthesis of a novel zwitterionic bisphosphonate cyclopolymer containing residues of alendronic acid. <i>Reactive and Functional Polymers</i> , 2015, 86, 80-86.	4.1	11
67	Synthesis and evaluation of phosphate-free antiscalants to control CaSO ₄ · 2H ₂ O scale formation in reverse osmosis desalination plants. <i>Desalination</i> , 2015, 357, 36-44.	8.2	60
68	A study of the experimental and theoretical infrared, Raman, ¹ H and ¹³ C NMR spectra of the biochemical valeric and valproic acids. <i>Journal of Molecular Structure</i> , 2014, 1075, 494-503.	3.6	4
69	The vibrational assignments of the infrared and Raman spectra of the symmetrically substituted 2,3-diphenylquinoxaline and its N,N-dioxide: Experimental and computational study. <i>Journal of Molecular Structure</i> , 2014, 1058, 284-290.	3.6	1
70	Construction of Aqueous Two-Phase Systems of the Cyclopolymer of (Diallylamino)propylphosphonate and Its Sulfur Dioxide Copolymer with Polyoxyethylene Using ¹ H NMR Spectroscopy. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 3863-3872.	1.9	2
71	[Bis(3-(diethoxyphosphoryl)propyl)diallylammonium chloride: Synthesis and use of its cyclopolymer as an antiscalant. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9
72	Synthesis, solution properties and scale-inhibiting behaviour of a diallylammonium/sulfur dioxide cyclopolymer bearing phospho- and sulfopropyl pendants. <i>Polymer International</i> , 2014, 63, 1682-1690.	3.1	7

#	ARTICLE	IF	CITATIONS
73	Design and synthesis of a novel class of inhibitors for mild steel corrosion in acidic and carbon dioxide-saturated saline media. <i>Corrosion Science</i> , 2014, 87, 187-198.	6.6	93
74	A comparative study of the conformational equilibria, vibrational, ¹ H and ¹³ C NMR spectra of isobutyranilide and its derivative the anticancer drug flutamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 249-260.	3.9	5
75	Synthesis of a diallylammonio propanephosphonate-(sulfur dioxide) copolymer and its evaluation as an antiscalant in desalination plants. <i>Polymer International</i> , 2014, 63, 616-625.	3.1	9
76	Synthesis of a polyaminophosphonate and its evaluation as an antiscalant in desalination plant. <i>Polymer Engineering and Science</i> , 2014, 54, 166-174.	3.1	11
77	Cyclopolymerization protocol for the synthesis of a new poly(electrolyte-zwitterion) containing quaternary nitrogen, carboxylate, and sulfonate functionalities. <i>European Polymer Journal</i> , 2013, 49, 1591-1600.	5.4	12
78	Novel cross-linked polymers having pH-responsive amino acid residues for the removal of Cu ²⁺ from aqueous solution at low concentrations. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 47-58.	12.4	58
79	A novel cross-linked polyzwitterion/anion having pH-responsive carboxylate and sulfonate groups for the removal of Sr ²⁺ from aqueous solution at low concentrations. <i>Reactive and Functional Polymers</i> , 2013, 73, 796-804.	4.1	17
80	A comparative study of the infrared and Raman spectra of aniline and o-, m-, p-phenylenediamine isomers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 388-396.	3.9	43
81	A pH-responsive cyclopolymer having phospho- and sulfopropyl pendants in the same repeating unit: Synthesis, characterization, and its application as an antiscalant. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5130-5142.	2.3	20
82	Aqueous Two-Phase Systems of pH-Responsive Poly[sodium (diallylamino)methylphosphonate-sulfur dioxide] Cyclopolymer with Poly(oxyethylene). <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1407-1416.	1.9	8
83	Coexistence Curves of Aqueous Two-Phase Systems of Some pH-Responsive Homo- and Copolymers of 3-(Diallylammonio)propane-1-sulfonate and Urethanized Poly(ethanol) or Poly(oxyethylene). <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2574-2585.	1.9	6
84	Removal of Zinc and Cadmium Ions Using a Cross-linked Polyaminophosphonate. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 375-384.	2.2	8
85	Synthesis and cyclopolymerization of diallylammoniomethanesulfonate. <i>Polymer Engineering and Science</i> , 2013, 53, 2378-2388.	3.1	3
86	Cyclopolymerization protocol for the synthesis of a poly(zwitterion-sulfur dioxide) to investigate the polyzwitterion-to-poly(anion-zwitterion) transition. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1394-1404.	2.6	7
87	Heptadecyl-tailed mono- and bis-imidazolines: A study of the newly synthesized compounds on the inhibition of mild steel corrosion in a carbon dioxide-saturated saline medium. <i>Corrosion Science</i> , 2012, 65, 104-112.	6.6	53
88	Comparative solution properties of cyclocopolymers having cationic, anionic, zwitterionic and zwitterionic/anionic backbones of similar degree of polymerization. <i>Polymer</i> , 2012, 53, 3368-3377.	3.8	26
89	Removal of heavy metal ions using a novel cross-linked polyzwitterionic phosphonate. <i>Separation and Purification Technology</i> , 2012, 98, 94-101.	7.9	42
90	Novel Cross-Linked Polyphosphonate for the Removal of Pb ²⁺ and Cu ²⁺ from Aqueous Solution. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14178-14187.	3.7	16

#	ARTICLE	IF	CITATIONS
91	Phase diagrams of urethanized polyvinyl alcohol with a series of hydrophobically modified pH-responsive polymers containing amino acid residues. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 1426-1437.	2.7	6
92	Diallyl-1,12-diaminododecane-based cyclopolymers and their use as inhibitors for mild steel corrosion. <i>Polymer Engineering and Science</i> , 2012, 52, 2588-2596.	3.1	9
93	pH-responsive polyphosphonates using butler's cyclopolymerization. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3580-3591.	2.3	19
94	Novel sulfonated poly(ether ether ketone)/phosphonated polysulfone polymer blends for proton conducting membranes. <i>Journal of Materials Research</i> , 2012, 27, 1958-1968.	2.6	25
95	Cyclopolymers from N,N-diallyl-N-propargyl-(12-N ² -formylamino)-1-dodecylammonium chloride and their use as inhibitors for mild steel corrosion. <i>Polymer Bulletin</i> , 2012, 69, 491-507.	3.3	12
96	The pH-responsive cycloterpolymer of diallyldimethylammonium chloride, 3-(N,N-diallylammonio)propanesulfonate, and sulfur dioxide. <i>Journal of Applied Polymer Science</i> , 2011, 120, 3662-3672.	2.6	11
97	Phosphonobetaine/sulfur dioxide copolymer by Butler's cyclopolymerization process. <i>European Polymer Journal</i> , 2011, 47, 1113-1123.	5.4	23
98	Racemic methyl 3,10-dioxo-2-azatricyclo[6.2.1.0 ^{2,6}]undecane-4-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1245-o1245.	0.2	0
99	New highly phosphonated polysulfone membranes for PEM fuel cells. <i>Journal of Membrane Science</i> , 2010, 360, 26-33.	8.2	70
100	Synthesis and solution properties of amphiphilic cyclopolymers and terpolymers of 4-methoxycarbonyl-1-diallylpiperidinium chloride, diallyloctadecylammonium chloride, and sulfur dioxide. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2951-2958.	2.6	2
101	A study of the conformational stability and the vibrational spectra of 2,3-dichloro-1-propanol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 734-738.	3.9	3
102	Structural stability and analysis of vibrational spectra of 1,2,4,5-tetroxane and 3,6-diphenyl-1,2,4,5-tetroxane. <i>Journal of Molecular Structure</i> , 2010, 969, 197-203.	3.6	4
103	Rheological behavior of associating ionic polymers based on diallylammonium salts containing single-, twin-, and triple-tailed hydrophobes. <i>European Polymer Journal</i> , 2010, 46, 1063-1073.	5.4	13
104	Synthesis and solution properties of a pH-responsive cyclopolymer of zwitterionic ethyl 3-(N,N-diallylammonio)propanephosphonate. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5693-5703.	2.3	31
105	Conformational analysis and inversion process in some perhydrodipyrido[1,2-b:1'2'-e]-1,4,2,5-dioxadiazines. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 488-496.	1.9	7
106	A Short Stereoselective Synthesis of Racemic 2-Epicalvine. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	0
107	Regioselective transformation of 6/5-fused bicyclic isoxazolidines to second-generation cyclic aldonitrones. <i>Arkivoc</i> , 2010, 2010, 132-148.	0.5	6
108	A short stereoselective synthesis of racemic 2-epicalvine. <i>Natural Product Communications</i> , 2010, 5, 1191-4.	0.5	2

#	ARTICLE	IF	CITATIONS
109	Rheological behavior of pH-responsive associating ionic polymers of diallylammonium salts and sulfur dioxide. <i>Journal of Applied Polymer Science</i> , 2009, 111, 125-131.	2.6	2
110	Synthesis and stereochemical analysis of some norephedrine-derived isoxazolidines. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 212-220.	1.9	3
111	Multi-rotor internal rotations and conformational equilibria in oxiraneethanol and assignment of its vibrational spectra. <i>Journal of Molecular Structure</i> , 2009, 933, 92-97.	3.6	2
112	Synthesis and solution properties of amphiphilic cycloterpolymers of 1,1-diallyl-4-formylpiperizinium chloride, diallyloctadecylammonium chloride and sulfur dioxide. <i>European Polymer Journal</i> , 2009, 45, 131-140.	5.4	1
113	Peracid-induced ring opening of some hexahydro-2H-isoxazolo[2,3-a]pyridines to second-generation cyclic aldonitrones. <i>Tetrahedron</i> , 2009, 65, 8231-8243.	1.9	5
114	A study of internal rotations and vibrational spectra of oxiranemethanol (glycidol). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 558-562.	3.9	12
115	Inhibition Performance of a New Series of Mono-/Diamine-Based Corrosion Inhibitors for HCl Solutions. <i>SPE Journal</i> , 2009, 14, 627-633.	3.1	7
116	A study of nitrogen inversion process in some camphor-based isoxazolidines. <i>Arkivoc</i> , 2009, 2008, 255-267.	0.5	1
117	A study of conformational behaviour in some hexahydro-2H-isoxazolo[2,3-a]pyridines. <i>Arkivoc</i> , 2009, 2008, 96-106.	0.5	0
118	Synthesis and viscosity of hydrophobically modified polymers containing dendritic segments. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1781-1792.	2.6	7
119	Synthesis, viscosity behavior, and interactions with a surfactant of some amphiphilic copolymers of diallyldimethylammonium chloride and diallyldodecyl- or diallyloctadecylammonium chloride. <i>Journal of Applied Polymer Science</i> , 2008, 109, 3256-3265.	2.6	3
120	Three rotor potential energy scans, conformational equilibrium constants and vibrational analysis of 3-fluoro-1-propanol CH ₂ FCH ₂ CH ₂ OH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 263-271.	3.9	5
121	2-Isloxazolidineethanols: An NMR study of the effect of intramolecular H-bonding on the population of nitrogen invertomers and inversion process. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 482-490.	3.9	5
122	Study of inversion isomerism in some 4,5-cis-substituted-2-isloxazolidineethanols by NMR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 292-295.	3.9	1
123	The face selectivity of 1,3-dipolar cycloaddition reactions of 4-butyloxycarbonyl-3,4,5,6-tetrahydropyridine 1-oxide. <i>Tetrahedron</i> , 2008, 64, 6635-6644.	1.9	14
124	Protein Partitioning in Aqueous Two-Phase Systems Composed of a pH-Responsive Copolymer and Poly(ethylene glycol). <i>Biotechnology Progress</i> , 2008, 20, 526-532.	2.6	50
125	Hydrophobic-tailed bicycloisloxazolidines: A comparative study of the newly synthesized compounds on the inhibition of mild steel corrosion in hydrochloric and sulfuric acid media. <i>Corrosion Science</i> , 2008, 50, 664-675.	6.6	91
126	Bis-isloxazolidines: A new class of corrosion inhibitors of mild steel in acidic media. <i>Corrosion Science</i> , 2008, 50, 3070-3077.	6.6	102

#	ARTICLE	IF	CITATIONS
127	The Regio-and Stereo-Chemistry of 1,3-Dipolar Cycloaddition of a Chiral Methylenitrone to 1,2-Disubstituted Alkenes. <i>Journal of Chemical Research</i> , 2008, 2008, 38-47.	1.3	3
128	The stereochemistry of 1,3-dipolar cycloaddition of internally H-bonded chiral methylenitrones. <i>Tetrahedron</i> , 2007, 63, 9134-9145.	1.9	14
129	Synthesis and comparative solution properties of single-, twin-, and triple-tailed associating ionic polymers based on diallylammonium salts. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5480-5494.	2.3	23
130	Cyclic nitrones as novel organic corrosion inhibitors for carbon steel in acidic media. <i>Anti-Corrosion Methods and Materials</i> , 2005, 52, 154-159.	1.5	6
131	Studies on phenol permeation through supported liquid membranes containing functionalized polyorganosiloxanes. <i>Journal of Membrane Science</i> , 2005, 250, 85-94.	8.2	22
132	The effects of charge densities on the associative properties of a pH-responsive hydrophobically modified sulfobetaine/sulfur dioxide terpolymer. <i>Polymer</i> , 2005, 46, 10709-10717.	3.8	20
133	Influence of hydrophobe content on the solution rheology of hydrophobically modified terpolymer of SO ₂ , N,N-diallyl-N-carboethoxymethylammonium chloride. <i>European Polymer Journal</i> , 2005, 41, 2472-2482.	5.4	4
134	Influence of hydrophobe content and salt concentration on dilute solution behaviour of hydrophobically modified ionic polymers from diallylammonium salts/sulfur dioxide cyclocopolymerization: Light scattering and fluorescence spectroscopy. <i>European Polymer Journal</i> , 2005, 41, 2224-2231.	5.4	5
135	The effects of zwitterionic and anionic charge densities in polymer chains on the viscosity behavior of a pH-responsive hydrophobically modified ionic polymer. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1404-1411.	2.6	15
136	The isoxazolidines: the effects of steric factor and hydrophobic chain length on the corrosion inhibition of mild steel in acidic medium. <i>Corrosion Science</i> , 2005, 47, 2659-2678.	6.6	112
137	Participation of propargyl moiety in Butler's cyclopolymerization process. <i>Polymer</i> , 2004, 45, 8097-8107.	3.8	9
138	Synthesis and solution properties of a new poly(electrolyte-zwitterion). <i>Polymer</i> , 2004, 45, 125-132.	3.8	17
139	Synthesis and solution properties of hydrophobically associating ionic polymers made from diallylammonium salts/sulfur dioxide cyclocopolymerization. <i>Polymer</i> , 2004, 45, 3651-3661.	3.8	40
140	Viscosity behavior and surface and interfacial activities of hydrophobically modified water-soluble acrylamide/N-phenyl acrylamide block copolymers. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2290-2300.	2.6	14
141	Influence of hydrophobe content on phase coexistence curves of aqueous two-phase solutions of associative polyacrylamide copolymers and poly(ethylene glycol). <i>Journal of Applied Polymer Science</i> , 2003, 89, 1351-1355.	2.6	2
142	Synthesis and solution properties of a new sulfobetaine/sulfur dioxide copolymer and its use in aqueous two-phase polymer systems. <i>Polymer</i> , 2003, 44, 1671-1679.	3.8	25
143	The effect of pH and salt concentration on the coexistence curves of aqueous two-phase systems containing a pH responsive copolymer and polyethylene glycol. <i>Fluid Phase Equilibria</i> , 2003, 205, 275-290.	2.5	31
144	Synthesis and solution properties of a new pH-responsive polymer containing amino propanesulfonic acid residues. <i>Journal of Polymer Science Part A</i> , 2003, 41, 172-184.	2.3	32

#	ARTICLE	IF	CITATIONS
145	The isoxazolidines: a new class of corrosion inhibitors of mild steel in acidic medium. <i>Corrosion Science</i> , 2003, 45, 253-266.	6.6	283
146	Vibrational analyses and C-N rotational barrier in N-vinyl and N-(2,2-dichlorovinyl)nitrones. <i>Computational and Theoretical Chemistry</i> , 2002, 589-590, 393-404.	1.5	1
147	Synthesis of a new amino acid/sulfur dioxide copolymer and its use in aqueous two-phase polymer systems. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2464-2477.	2.3	15
148	Synthesis and solution properties of a new ionic polymer and its behavior in aqueous two-phase polymer systems. <i>Polymer</i> , 2002, 43, 1041-1050.	3.8	49
149	Synthesis and solution properties of a new pH-responsive polymer containing amino acid residues. <i>Polymer</i> , 2002, 43, 4285-4295.	3.8	48
150	Synthesis and corrosion inhibition study of some 1,6-hexanediamine-based N, N-diallyl quaternary ammonium salts and their polymers. <i>Polymer</i> , 2001, 42, 2785-2794.	3.8	51
151	Solution and interfacial behavior of hydrophobically modified water-soluble block copolymers of acrylamide and N-phenethylacrylamide. <i>Journal of Applied Polymer Science</i> , 2001, 82, 467-476.	2.6	27
152	Solution behavior of hydrophobically associating water-soluble block copolymers of acrylamide and N-benzylacrylamide. <i>Polymer</i> , 2001, 42, 3363-3372.	3.8	120
153	Synthesis and solution properties of a quaternary ammonium polyelectrolyte and its corresponding polyampholyte. <i>Polymer</i> , 2001, 42, 7961-7970.	3.8	37
154	Regiochemistry and mechanism of oxidation of N-benzyl-N-alkylhydroxylamines to nitrones. <i>Journal of Physical Organic Chemistry</i> , 2000, 13, 443-451.	1.9	14
155	Polymerization of functionalized diallyl quaternary ammonium salt to poly(ampholyte-electrolyte). <i>Polymer</i> , 2000, 41, 5591-5600.	3.8	34
156	Synthesis and Cycloaddition Reactions of 2,3,4,5-Tetrahydropyrazine 1-Oxide. <i>Tetrahedron</i> , 2000, 56, 7229-7236.	1.9	14
157	Synthesis and solution properties of poly(acrylamide-styrene) block copolymers with high hydrophobic content. <i>Polymer Engineering and Science</i> , 1999, 39, 1962-1968.	3.1	53
158	Synthesis and solution properties of a betaine-sulfur dioxide polyampholyte. <i>Polymer</i> , 1999, 40, 6849-6857.	3.8	48
159	The conformational analysis of 3-hydroxytetrahydro-1,3-oxazines by NMR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1999, 55, 1445-1452.	3.9	5
160	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 33-38.	1.1	1
161	A Study of the Effect of Polystyrene Sulfonation on the Performance of Terephthaloyl Chloride-Dihydroxydiphenyl Sulfone Copolymer/Polystyrene System. <i>Journal of Materials Engineering and Performance</i> , 1998, 7, 739-746.	2.5	0
162	Synthesis and face- and stereo-selective cycloadditions of α -alkoxy cyclic nitrones. <i>Tetrahedron Letters</i> , 1998, 39, 1255-1256.	1.4	8

#	ARTICLE	IF	CITATIONS
163	Piperazine-based homo- and copolymers containing trivalent and quaternary nitrogen functionalities. <i>Journal of Applied Polymer Science</i> , 1998, 69, 1329-1334.	2.6	6
164	Synthesis, characterization, and solution properties of hydrophobically modified poly(vinyl alcohol). <i>Journal of Applied Polymer Science</i> , 1998, 70, 2499-2506.	2.6	18
165	Peracid induced ring opening of some isoxazolidines and oxidation of saturated 1,3-oxazines to new heterocyclic nitrones. <i>Tetrahedron</i> , 1998, 54, 12959-12972.	1.9	12
166	1,3 - Dipolar cycloaddition reactions of 1-aza-1-cyclooctene 1-oxide. <i>Tetrahedron</i> , 1997, 53, 5581-5592.	1.9	16
167	Cyclic nitron-ethene cycloaddition reactions. <i>Tetrahedron</i> , 1997, 53, 11869-11880.	1.9	12
168	Synthesis and aqueous phase behaviour of homo- and copolymers of 1,1-diallyl-4-formylpiperazinium chloride. <i>Polymer</i> , 1997, 38, 3385-3393.	3.8	40
169	Studies on a terephthalic acid and dihydroxydiphenyl sulfone liquid crystalline copolymer and its composites with different thermoplastics. <i>Journal of Applied Polymer Science</i> , 1997, 64, 645-652.	2.6	9
170	Regiochemistry of mercury(II) oxide oxidation of unsymmetrical N,N-disubstituted hydroxylamines. <i>Tetrahedron</i> , 1996, 52, 14917-14928.	1.9	28
171	Cyclopolymerization studies of diallyl- and tetraallylpiperazinium salts. <i>Journal of Applied Polymer Science</i> , 1996, 61, 1077-1085.	2.6	31
172	Surface and interfacial activities of hydrophobically modified poly(vinyl alcohol) (PVA). <i>Polymer</i> , 1996, 37, 1183-1188.	3.8	34
173	Influence of Polymer Structure on Protein Partitioning in Two-Phase Aqueous Systems. <i>Biotechnology Progress</i> , 1996, 12, 173-177.	2.6	12
174	Preparation and viscosity behavior of hydrophobically modified poly(vinyl alcohol) (PVA). <i>Journal of Applied Polymer Science</i> , 1995, 57, 343-352.	2.6	49
175	NMR study of the anomeric effect and nitrogen inversion in some isoxazolidines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995, 51, 2279-2287.	3.9	6