Hassan Ali Al-Muallem

List of Publications by Year
in descending order

24	320	933447 10	888059 17
papers	citations	h-index	g-index

24	24	24	177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modified-polyaspartic acid derivatives as effective corrosion inhibitor for C1018 steel in 3.5% NaCl saturated CO2 brine solution. Journal of the Taiwan Institute of Chemical Engineers, 2022, 135, 104393.	5.3	32
2	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. Journal of Environmental Health Science & Engineering, 2021, 19, 1333-1346.	3.0	5
3	Synthesis of stimuliâ€responsive ionic cyclopolymers in search of phosphorousâ€free antiscalants. Journal of Applied Polymer Science, 2021, 138, 50402.	2.6	4
4	Fast removal of methylene blue and Hg(II) from aqueous solution using a novel super-adsorbent containing residues of glycine and maleic acid. Journal of Hazardous Materials, 2019, 369, 642-654.	12.4	38
5	Scope of sulfur dioxide incorporation into alkyldiallylamineâ€“maleic acidâ€“SO₂ tercyclopolymer. RSC Advances, 2018, 8, 38891-38902.	3.6	6
6	Synthesis and application of polyzwitterionic and polyampholytic maleic acid-alt-(diallylamino)propylphosphonates. RSC Advances, 2017, 7, 31641-31653.	3.6	13
7	Synthesis of a terpolymer and a tetrapolymer using monomers of diallylamine salts and SO2 and their application as antiscalants. Iranian Polymer Journal (English Edition), 2016, 25, 747-756.	2.4	4
8	A glutamic acid-based polymer keeping intact the integrity of all the three original functionalities of the amino acid. Designed Monomers and Polymers, 2016, 19, 128-137.	1.6	8
9	A novel cyclopolymer containing residues of essential amino acid methionine: synthesis and application. Iranian Polymer Journal (English Edition), 2015, 24, 541-547.	2.4	10
10	Aspartic acid in a new role: Synthesis and application of a pH-responsive cyclopolymer containing residues of the amino acid. Reactive and Functional Polymers, 2015, 93, 120-129.	4.1	9
11	Bis[3â€(diethoxyphosphoryl)propyl]diallylammonium chloride: Synthesis and use of its cyclopolymer as an antiscalant. Journal of Applied Polymer Science, 2014, 131, .	2.6	9
12	Apparent kinetics of nonisothermal high temperature oxidative degradation of ethylene homopolymers: effects of residual catalyst surface chemistry and structure. Journal of Polymer Research, 2013, 20, 1.	2.4	2
13	Coexistence Curves of Aqueous Two-Phase Systems of Some pH-Responsive Homo- and Copolymers of 3-(Diallylammonio)propane-1-sulfonate and Urethanized Poly(ethenol) or Poly(oxyethylene). Journal of Chemical & Engineering Data, 2013, 58, 2574-2585.	1.9	6
14	Polyzwitterion-to-polyampholyte transition using pH-responsive cycloterpolymers of diallyldimethylammonium chloride, (N,N-diallylammonio)methanecarboxylate and sulfur dioxide. Journal of Applied Polymer Science, 2012, 125, 1959-1969.	2.6	3
15	Synthesis and comparative solution properties of a cationic polyelectrolyte and its corresponding polyzwitterion from 1,1â€diallylâ€4â€methoxycarbonylpiperidinium chloride. Journal of Applied Polymer Science, 2011, 119, 1477-1485.	2.6	3
16	Phosphonobetaine/sulfur dioxide copolymer by Butlerâ€™s cyclopolymerization process. European Polymer Journal, 2011, 47, 1113-1123.	5.4	23
17	Synthesis and solution properties of amphiphilic cyclopolymers and terpolymers of 4â€methoxycarbonylâ€1,1â€diallylpiperidinium chloride, diallyloctadecylammonium chloride, and sulfur dioxide. Journal of Applied Polymer Science, 2010, 118, 2951-2958.	2.6	2
18	Synthesis and solution properties of a pHâ€responsive cyclopolymer of zwitterionic ethyl 3â€(N,Nâ€diallylammonio)propanephosphonate. Journal of Polymer Science Part A, 2010, 48, 5693-5703.	2.3	31

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19	Synthesis and viscosity of hydrophobically modified polymers containing dendritic segments. Journal of Applied Polymer Science, 2008, 109, 1781-1792.	2.6	7
20	Synthesis and comparative solution properties of single-, twin-, and triple-tailed associating ionic polymers based on diallylammonium salts. Journal of Polymer Science Part A, 2006, 44, 5480-5494.	2.3	23
21	Synthesis and solution properties of a new sulfobetaine/sulfur dioxide copolymer and its use in aqueous two-phase polymer systems. Polymer, 2003, 44, 1671-1679.	3.8	25
22	Synthesis and solution properties of a new pH-responsive polymer containing amino propanesulfonic acid residues. Journal of Polymer Science Part A, 2003, 41, 172-184.	2.3	32
23	Synthesis of a new amino acid/sulfur dioxide copolymer and its use in aqueous two-phase polymer systems. Journal of Polymer Science Part A, 2002, 40, 2464-2477.	2.3	15
24	Conformational analysis of substituted perhydro-1,2-oxazolo[3,2-c] [1,4]oxazines by NMR spectroscopy. Journal of Physical Organic Chemistry, 1993, 6, 326-332.	1.9	10