

Hassan Ali Al-Muallem

List of Publications by Year in descending order

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24
papers

320
citations

933447

10
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Modified-polyaspartic acid derivatives as effective corrosion inhibitor for C1018 steel in 3.5% NaCl saturated CO ₂ brine solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 135, 104393.	5.3	32
4	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
5	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
6	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
7	Phosphonobetaine/sulfur dioxide copolymer by Butler's cyclopolymerization process. <i>European Polymer Journal</i> , 2011, 47, 1113-1123.	5.4	23
8	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
9	Synthesis and application of polyzwitterionic and polyampholytic maleic acid-alt-(diallylamino)propylphosphonates. <i>RSC Advances</i> , 2017, 7, 31641-31653.	3.6	13
10	Conformational analysis of substituted perhydro-1,2-oxazolo[3,2-c][1,4]oxazines by NMR spectroscopy. <i>Journal of Physical Organic Chemistry</i> , 1993, 6, 326-332.	1.9	10
11	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
12	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
13	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
14	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
15	Synthesis and viscosity of hydrophobically modified polymers containing dendritic segments. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1781-1792.	2.6	7
16	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). <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2574-2585.	1.9	6
17	Scope of sulfur dioxide incorporation into alkyl-diallylamine-maleic acid-SO ₂ -tercyclopolymer. <i>RSC Advances</i> , 2018, 8, 38891-38902.	3.6	6
18	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

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19	Synthesis of a terpolymer and a tetrapolymer using monomers of diallylamine salts and SO ₂ and their application as antiscalants. Iranian Polymer Journal (English Edition), 2016, 25, 747-756.	2.4	4
20	Synthesis of stimuli-responsive ionic cyclopolymers in search of phosphorous-free antiscalants. Journal of Applied Polymer Science, 2021, 138, 50402.	2.6	4
21	Synthesis and comparative solution properties of a cationic polyelectrolyte and its corresponding polyzwitterion from 1,1'-diallyl-4-methoxycarbonylpiperidinium chloride. Journal of Applied Polymer Science, 2011, 119, 1477-1485.	2.6	3
22	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
23	Synthesis and solution properties of amphiphilic cyclopolymers and terpolymers of 4-methoxycarbonyl-1,1'-diallylpiperidinium chloride, diallyloctadecylammonium chloride, and sulfur dioxide. Journal of Applied Polymer Science, 2010, 118, 2951-2958.	2.6	2
24	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