

Mohammad Hossein Azarian

List of Publications by Year in descending order

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25
papers

412
citations

759055

12
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all docs

25
docs citations

25
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning polymorphs of precipitated calcium carbonate from discarded eggshells: effects of polyelectrolyte and salt concentration. RSC Advances, 2022, 12, 14729-14739.	1.7	7
2	In situ sol-gel synthesis of tungsten trioxide networks in polymer electrolyte: Dual-functional solid state chromogenic smart film. Journal of Applied Polymer Science, 2021, 138, 49863.	1.3	9
3	Improving electrochemical performance of poly(vinyl butyral)-based electrolyte by reinforcement with network of ceramic nanofillers. Journal of Solid State Electrochemistry, 2021, 25, 2687.	1.2	2
4	Gelatin-based solid electrolytes for chromogenic windows applications: a review. Ionics, 2020, 26, 5841-5851.	1.2	13
5	In situ sol-gel synthesis of zirconia networks in flexible and conductive composite films. Journal of Applied Polymer Science, 2020, 137, 49506.	1.3	4
6	Effects of ethylene acrylic acid ionomer on thermomechanical and electrochromic properties of electrochromic devices using gelatin-based electrolytes. Journal of Applied Polymer Science, 2020, 137, 49362.	1.3	8
7	Biocompatibility and biodegradability of filler encapsulated chloroacetated natural rubber/polyvinyl alcohol nanofiber for wound dressing. Materials Science and Engineering C, 2019, 103, 109829.	3.8	27
8	Nanofiber films of chloroacetated natural rubber/poly(vinyl alcohol) by electrospinning technique: Silica effects on biodegradation. Journal of Applied Polymer Science, 2018, 135, 46432.	1.3	10
9	Synthesis, characterization and spectroscopic studies of nickel (II) complexes with some tridentate ONN donor Schiff bases and their electrocatalytic application for oxidation of methanol. Journal of Molecular Liquids, 2018, 249, 117-125.	2.3	20
10	Experimental and theoretical structural determination, spectroscopy and electrochemistry of cobalt (III) Schiff base complexes: immobilization of complexes onto Montmorillonite-K10 nanoclay. Journal of the Iranian Chemical Society, 2018, 15, 369-380.	1.2	5
11	Nanoencapsulation of intercalated montmorillonite-urea within PVA nanofibers: Hydrogel fertilizer nanocomposite. Journal of Applied Polymer Science, 2018, 135, 45957.	1.3	14
12	An experimental and theoretical study on the interaction of DNA and BSA with novel Ni ²⁺ , Cu ²⁺ and VO ²⁺ complexes derived from vanillin bidentate Schiff base ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 180, 144-153.	2.0	20
13	Synthesis and electronic structure of novel Schiff bases Ni/Cu (II) complexes: Evaluation of DNA/serum protein binding by spectroscopic studies. Polyhedron, 2017, 129, 1-8.	1.0	41
14	Nanoencapsulation of montmorillonite clay within poly(ethylene glycol) nanobeads by electrospinning. Journal of Applied Polymer Science, 2017, 134, 45048.	1.3	7
15	Epoxidation of alkenes by an oxidovanadium(IV) tetradentate Schiff base complex as an efficient catalyst with tert-butyl hydroperoxide. Inorganica Chimica Acta, 2017, 457, 116-121.	1.2	41
16	Characterisation of electrospun gelatine nanofibres encapsulated with <i>Moringa oleifera</i> bioactive extract. Journal of the Science of Food and Agriculture, 2017, 97, 3348-3358.	1.7	47
17	Inorganic-Organic Composite Materials from Liquid Natural Rubber and Epoxidised Natural Rubber Derivatives. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 128-140.	0.3	1
18	Sol-gel synthesis of polyaniline/zirconia composite conducting materials. Journal of Polymer Research, 2016, 23, 1.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Characterisation of gelatin nanoparticles encapsulated with <i>Moringa oleifera</i> bioactive extract. International Journal of Food Science and Technology, 2016, 51, 2327-2337.	1.3	26
20	Intercalation of Schiff Base Ligands with Copper (D ⁺ D ⁺) and Nickel (D ⁺ D ⁺) Cation-exchange Montmorillonite (MMT) Nanoclay. Journal of Physical Science, 2016, 27, 51-65.	0.5	0
21	Thermal, surface, nanomechanical and electrical properties of epoxidized natural rubber (ENR-50)/ polyaniline composite films. Current Applied Physics, 2015, 15, 599-607.	1.1	19
22	Immobilization of cobalt(III) Schiff base complexes onto Montmorillonite-K10: Synthesis, experimental and theoretical structural determination. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1582-1592.	2.0	16
23	Novel nanohybrids of cobalt(III) Schiff base complexes and clay: Synthesis and structural determinations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 127, 422-428.	2.0	39
24	Sol-gel synthesis and morphology, thermal and optical properties of epoxidized natural rubber/zirconia hybrid films. Journal of Non-Crystalline Solids, 2013, 378, 152-157.	1.5	26
25	An Alternative Technique for Compounding and Fabrication of Lithium Ion Conductive PVB Films with Enhanced Thermal Properties and Electrochromic Performance. Chinese Journal of Polymer Science (English Edition), 0, , .	2.0	1