

Zain-ul-Abdin

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,016
citations

471509

17
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on synthesis, property and application of modified chitosan: An overview. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 333-344.	7.5	131
2	Review on synthesis of ferrocene-based redox polymers and derivatives and their application in glucose sensing. <i>Analytica Chimica Acta</i> , 2015, 876, 9-25.	5.4	125
3	Chemical modification of starch and its application as an adsorbent material. <i>RSC Advances</i> , 2016, 6, 78264-78285.	3.6	116
4	Ferrocene-based polyethyleneimines for burning rate catalysts. <i>New Journal of Chemistry</i> , 2016, 40, 3155-3163.	2.8	48
5	Recent progress in the synthesis of silver nanowires and their role as conducting materials. <i>Journal of Materials Science</i> , 2019, 54, 997-1035.	3.7	46
6	Polyphosphazenes as anti-cancer drug carriers: From synthesis to application. <i>Progress in Polymer Science</i> , 2014, 39, 1987-2009.	24.7	38
7	Synthesis of ethylene diamine-based ferrocene terminated dendrimers and their application as burning rate catalysts. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 38-51.	9.4	38
8	Progress on the synthesis and catalytic and anti-migration properties of ferrocene-based burning rate catalysts. <i>Applied Organometallic Chemistry</i> , 2016, 30, 796-805.	3.5	36
9	Recent Progress in Ethylene Polymerization Catalyzed by Ni and Pd Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1450-1468.	2.0	34
10	Synthesis of a novel ferrocene-based epoxy compound and its burning rate catalytic property. <i>RSC Advances</i> , 2016, 6, 53679-53687.	3.6	33
11	Reduced Graphene Oxide/Zinc Oxide Nanocomposite: From Synthesis to its Application for Wastewater Purification and Antibacterial Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3907-3919.	3.7	32
12	Synthesis of carboxymethyl starch-g-polyvinylpyrrolidones and their properties for the adsorption of Rhodamine 6G and ammonia. <i>Carbohydrate Polymers</i> , 2018, 186, 150-158.	10.2	31
13	Synthesis of Ferrocene-Based Hyperbranched Polyether and Its Catalytic Performance for Thermal Decomposition of Ammonium Perchlorate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 1063-1069.	3.7	23
14	Photo-Catalytic and Anti-microbial Activities of rGO/CuO Nanocomposite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1359-1372.	3.7	23
15	Synthesis of amphiphilic block copolymers containing ferrocene-boronic acid and their micellization, redox-responsive properties and glucose sensing. <i>Colloid and Polymer Science</i> , 2017, 295, 995-1006.	2.1	22
16	Calcination temperature-driven antibacterial and antioxidant activities of fumaria indica mediated copper oxide nanoparticles: characterization. <i>Chemical Papers</i> , 2021, 75, 4189-4198.	2.2	19
17	Synthesis and catalytic performance of ferrocene-based compounds as burning rate catalysts. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3754.	3.5	18
18	Effect of Annealing Temperature on Structural Phase Transformations and Band Gap Reduction for Photocatalytic Activity of Mesopores TiO ₂ Nanocatalysts. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1312-1322.	3.7	18

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19	Investigation on Cadmium Ions Removal from Water by a Nanomagnetite Based Biochar Derived from Eleocharis Dulcis. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 415-425.	3.7	18
20	Adsorptive Mechanism of Chromium Adsorption on Siltstoneâ€Nanomagnetiteâ€Biochar Composite. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1608-1620.	3.7	17
21	Sustained release of hydrophilic drug from polyphosphazenes/poly(methyl methacrylate) based microspheres and their degradation study. Materials Science and Engineering C, 2016, 58, 169-179.	7.3	16
22	Poly(organo)phosphazenes: recent progress in the synthesis and applications in tissue engineering and drug delivery. Russian Chemical Reviews, 2018, 87, 109-150.	6.5	16
23	Redox and Temperature Dual Responsive Gel Based on Hostâ€Guest Assembly. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 1053-1059.	3.7	14
24	Tris(2â€aminoethyl)amineâ€based ferroceneâ€terminated dendrimers as burning rate catalysts for ammonium perchlorateâ€based propellant decomposition. Applied Organometallic Chemistry, 2018, 32, e4268.	3.5	13
25	Synthesis of polyorganophosphazenes and preparation of their polymersomes for reductive/acidic dual-responsive anticancer drugs release. Journal of Materials Science, 2020, 55, 8264-8284.	3.7	13
26	Novel nanocomposite of biocharâ€zerovalent copper for lead adsorption. Microscopy Research and Technique, 2021, 84, 2598-2606.	2.2	11
27	Synthesis of ferrocene-based saccharides and their anti-migration and burning rate catalytic properties. RSC Advances, 2016, 6, 97469-97481.	3.6	10
28	Studies on Preparation and Hydrogen Storage Properties of Dual-Metal Ferrocenyl Coordination Polymer Microspheres. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 545-554.	3.7	9
29	Synthesis and Characterization of rGO/Ag2O Nanocomposite and its Use for Catalytic Reduction of 4-Nitrophenol and Photocatalytic Activity. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 100-111.	3.7	8
30	Remediation of Chromium (VI) and Rhodamine 6G via Mixed Phase Nickel-Zinc Nanocomposite: Synthesis and Characterization. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1565-1575.	3.7	8
31	Synthesis of Soluble Ferrocene-Based Polythiophenes and Their Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 1511-1520.	3.7	7
32	Immobilization of Pseudomonas aeruginosa static biomass on eggshell powder for on-line preconcentration and determination of Cr (VI). Open Chemistry, 2020, 18, 303-313.	1.9	7
33	Synthesis and properties of polystyrene-based polyHIPs reinforced with quadruple hydrogen bond functionality. Journal of Polymer Research, 2015, 22, 1.	2.4	5
34	Synthesis of ferrocenyl hyper-branched polyethylene for non-covalent dispersion of multi-walled carbon nanotubes and fabrication of flexible carbon nanotubes-based conductive films. RSC Advances, 2016, 6, 29663-29668.	3.6	5
35	Stimuli-responsive HBPS-g-PDMAEMA and its application as nanocarrier in loading hydrophobic molecules. Beilstein Journal of Organic Chemistry, 2016, 12, 939-949.	2.2	3
36	Glycerol and Water Mediated Synthesis of Silver Nanowires in the Presence of Cobalt Chloride as Growth Promoting Additive. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 680-690.	3.7	3

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37	Synthesis of amino-substituted polyorganophosphazenes and fabrication of their nanoparticles for anticancer drug delivery. Journal of Applied Polymer Science, 2020, 137, 49424.	2.6	2