Sultan Butun Sengel

List of Publications by Year
in descending order

32	1,015	393982	476904
papers	citations	19 h-index	29 g-index

32	32	32	1331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-step fabrication of biocompatible carboxymethyl cellulose polymeric particles for drug delivery systems. Carbohydrate Polymers, 2011, 86, 636-643.	5.1	112
2	A versatile hydrogel template for metal nano particle preparation and their use in catalysis. Polymer, 2011, 52, 4834-4840.	1.8	95
3	Environmentally benign halloysite clay nanotubes as alternative catalyst to metal nanoparticles in H 2 production from methanolysis of sodium borohydride. Fuel Processing Technology, 2017, 158, 1-8.	3.7	71
4	Utilization of Smart Hydrogelâ€“Metal Composites as Catalysis Media. Journal of Colloid and Interface Science, 2012, 373, 122-128.	5.0	68
5	Hyaluronic acid hydrogel particles with tunable charges as potential drug delivery devices. Carbohydrate Polymers, 2011, 84, 1306-1313.	5.1	60
6	Quaternized polymeric microgels as metal free catalyst for H2 production from the methanolysis of sodium borohydride. Journal of Power Sources, 2016, 336, 27-34.	4.0	60
7	Novel hydrogel particles and their IPN films as drug delivery systems with antibacterial properties. Colloids and Surfaces B: Biointerfaces, 2012, 89, 248-253.	2.5	54
8	Various amine functionalized halloysite nanotube as efficient metal free catalysts for H 2 generation from sodium borohydride methanolysis. Applied Clay Science, 2017, 146, 517-525.	2.6	53
9	Modifiable chemically crosslinked poli(Î¹-carrageenan) particles. Carbohydrate Polymers, 2012, 87, 2718-2724.	5.1	47
10	p(AAGA) hydrogel reactor for in situ Co and Ni nanoparticle preparation and use in hydrogen generation from the hydrolysis of sodium borohydride. Chemical Engineering Science, 2012, 82, 114-120.	1.9	38
11	Soft hydrogels for dual use: Template for metal nanoparticle synthesis and a reactor in the reduction of nitrophenols. Journal of Non-Crystalline Solids, 2012, 358, 758-764.	1.5	38
12	Hydrogel particles with core shell morphology for versatile applications: Environmental, biomedical and catalysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 386, 16-24.	2.3	32
13	Hydrogel templated CdS quantum dots synthesis and their characterization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 389, 6-11.	2.3	29
14	Porous and modified HA particles as potential drug delivery systems. Microporous and Mesoporous Materials, 2012, 155, 124-130.	2.2	29
15	Poly(vinyl phosphonic acid) nanogels with tailored properties and their use for biomedical and environmental applications. European Polymer Journal, 2016, 75, 264-275.	2.6	29
16	Responsive biopolymer-based microgels/nanogels for drug delivery applications. , 2018, , 453-500.		26
17	A facile preparation of donut-like supramolecular tannic acid-Fe(III) composite as biomaterials with magnetic, conductive, and antioxidant properties. Journal of Coordination Chemistry, 2017, 70, 3619-3632.	0.8	25
18	Halloysite-carboxymethyl cellulose cryogel composite from natural sources. Applied Clay Science, 2017, 140, 66-74.	2.6	23

#	Article	IF	Citations
19	Micelles and â€˜reverse micellesâ€™ with a novel water-soluble diblock copolymer. Polymer, 2008, 49, 4057-4065.	1.8	21
20	Soft hydrogel particles with high functional value. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 381, 74-84.	2.3	21
21	Removal of arsenate and dichromate ions from different aqueous media by amine based p(TAEA-co-GDE) microgels. Journal of Environmental Management, 2017, 197, 631-641.	3.8	16
22	Tannic acid decorated poly(methacrylic acid) micro and nanoparticles with controllable tannic acid release and antioxidant properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 508, 30-38.	2.3	13
23	Highly regenerable ionic liquid microgels as inherently metalâ€free green catalyst for H₂ generation. Polymers for Advanced Technologies, 2018, 29, 1426-1434.	1.6	13
24	Reusable Soft Hydrogels for Gold Recovery from Acidic Environments. Separation Science and Technology, 2013, 48, 805-812.	1.3	9
25	Tunable Friction Through Stimuli Responsive Hybrid Carbon Microspheres. Langmuir, 2019, 35, 15849-15854.	1.6	8
26	Synthesis and characterization of poly(Nâ€(2â€•mercaptoethyl) acrylamide) microgel for biomedical applications. Polymers for Advanced Technologies, 2019, 30, 2109-2121.	1.6	8
27	Surfactant free synthesis and characterization of poly(vinyl carbazole) microgel and its chemical modifications. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 514, 243-250.	2.3	5
28	Boric acid versus boron trioxide as catalysts for green energy source H2 production from sodium borohydride methanolysis. MANAS: Journal of Engineering, 2021, 9, 142-152.	0.4	5
29	Poly((Thiazol-2-yl) acrylamide), p(ATA) microgel: Synthesis, characterization and versatile applications. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 272-278.	2.3	4
30	0D, 1D, 2D, and 3D Soft and Hard Templates for Catalysis. Studies in Surface Science and Catalysis, 2017, , 317-357.	1.5	2
31	SiO2 PARTICLE EMBEDDED SILICA AEROGELS: ENVIRONMENTAL AND ENERGY APPLICATIONS. EskiÅŸehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , .	0.4	1
32	Functionalization of Carbon Particles by Atom Transfer Radical Polymerization. MRS Advances, 2017, 2, 2537-2544.	0.5	0