

Ela Eroglu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

749
citations

567281

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h-index

610901

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27
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27
docs citations

27
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate removal from liquid effluents using microalgae immobilized on chitosan nanofiber mats. <i>Green Chemistry</i> , 2012, 14, 2682.	9.0	114
2	Enhanced accumulation of microalgal pigments using metal nanoparticle solutions as light filtering devices. <i>Green Chemistry</i> , 2013, 15, 3155.	9.0	87
3	Extracellular terpenoid hydrocarbon extraction and quantitation from the green microalgae <i>Botryococcus braunii</i> var. <i>Showa</i> . <i>Bioresource Technology</i> , 2010, 101, 2359-2366.	9.6	78
4	Biogenic production of palladium nanocrystals using microalgae and their immobilization on chitosan nanofibers for catalytic applications. <i>RSC Advances</i> , 2013, 3, 1009-1012.	3.6	60
5	Functional multi-layer graphene "algae hybrid material formed using vortex fluidics. <i>Green Chemistry</i> , 2013, 15, 650.	9.0	60
6	Entrapment of <i>Chlorella vulgaris</i> cells within graphene oxide layers. <i>RSC Advances</i> , 2013, 3, 8180.	3.6	50
7	"Density equilibrium" method for the quantitative and rapid in situ determination of lipid, hydrocarbon, or biopolymer content in microorganisms. <i>Biotechnology and Bioengineering</i> , 2009, 102, 1406-1415.	3.3	41
8	Application of Various Immobilization Techniques for Algal Bioprocesses. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 19-44.	0.3	41
9	Ultraprecise age and formation temperature of the Australasian tektites constrained by ⁴⁰ Ar/ ³⁹ Ar analyses. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2573-2591.	1.6	33
10	Nitrate uptake by p-phosphonic acid calix[8]arene stabilized graphene. <i>Chemical Communications</i> , 2013, 49, 8172.	4.1	26
11	Vortex fluidic entrapment of functional microalgal cells in a magnetic polymer matrix. <i>Nanoscale</i> , 2013, 5, 2627.	5.6	23
12	Unravelling the structure and function of human hair. <i>Green Chemistry</i> , 2013, 15, 1268.	9.0	22
13	Aqueous based synthesis of antimicrobial-decorated graphene. <i>Journal of Colloid and Interface Science</i> , 2015, 443, 88-96.	9.4	20
14	Microbial phylogenetic and functional responses within acidified wastewater communities exhibiting enhanced phosphate uptake. <i>Bioresource Technology</i> , 2016, 220, 55-61.	9.6	17
15	⁴⁰ Ar/ ³⁹ Ar and (U-Th)/He model age signatures of elusive Mercurian and Venusian meteorites. <i>Meteoritics and Planetary Science</i> , 2017, 52, 884-905.	1.6	15
16	Superparamagnetic imposed diatom frustules for the effective removal of phosphates. <i>Green Chemistry</i> , 2014, 16, 82-85.	9.0	12
17	Closed system behaviour of argon in osumilite records protracted high-T metamorphism within the Rogaland "Vest Agder Sector, Norway. <i>Journal of Metamorphic Geology</i> , 2019, 37, 667-680.	3.4	11
18	Continuous flow synthesis of phosphate binding h-BN@magnetite hybrid material. <i>RSC Advances</i> , 2018, 8, 40829-40835.	3.6	9

#	ARTICLE	IF	CITATIONS
19	Nanomaterial processing strategies in functional hybrid materials for wastewater treatment using algal biomass. Journal of Chemical Technology and Biotechnology, 2017, 92, 1862-1867.	3.2	7
20	Application of poly(2-hydroxyethyl methacrylate) hydrogel disks for the immobilization of three different microalgal species. Journal of Chemical Technology and Biotechnology, 2018, 93, 2887-2897.	3.2	6
21	In situ synthesis of phosphate binding mesocellular siliceous foams impregnated with iron oxide nanoparticles. RSC Advances, 2014, 4, 46718-46722.	3.6	5
22	Nitrate uptake using mesoporous silica embedded with zero-valent palladium nanoparticles. RSC Advances, 2015, 5, 20557-20561.	3.6	5
23	Nitrate uptake by p-phosphonic acid or p-(trimethylammonium)methyl calix[8]arene stabilized laminar materials. RSC Advances, 2014, 4, 48348-48352.	3.6	3
24	p-Phosphonated Calix[n]arene Stabilizes Superparamagnetic Nanoparticles for Nitrate and Phosphate Uptake. ChemPlusChem, 2017, 82, 416-422.	2.8	2
25	Application of electrospun composite materials for algal bioprocesses. , 2021, , 449-469.		1
26	Cover Image, Volume 92, Issue 8. Journal of Chemical Technology and Biotechnology, 2017, 92, i-i.	3.2	0