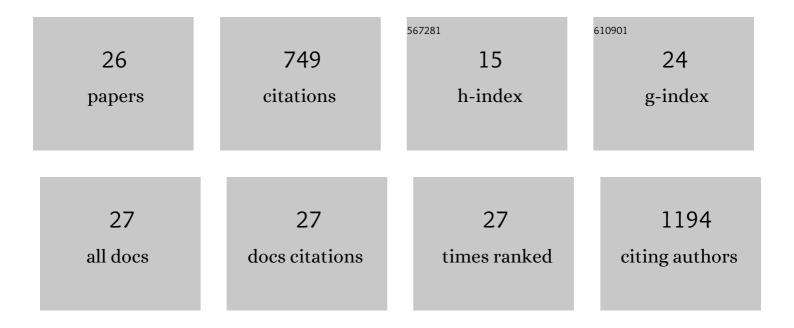
Ela Eroglu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5305716/publications.pdf Version: 2024-02-01



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

Ela Eroglu

#	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(2â€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 stablized laminar materials. RSC Advances, 2014, 4, 48348-48352.	3.6	3
24	p â€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