Rafael Fonseca Neves Quadrado

List of Publications by Year
in descending order

13 papers	359 citations	1039406 9 h-index	1199166 12 g-index
13 all docs	13 docs citations	13 times ranked	478 citing authors

#	Article	IF	Citations
1	Hybrid polymer aerogels containing porphyrins as catalysts for efficient photodegradation of pharmaceuticals in water. Journal of Colloid and Interface Science, 2022, 613, 461-476.	5.0	8
2	Hydrogen generation and hydrogenation reactions efficiently mediated by a thin film of reduced graphene oxide-grafted with carboxymethyl chitosan and Ag nanoparticles. Journal of Colloid and Interface Science, 2021, 583, 626-641.	5.0	9
3	Chitosan-based hydrogel crosslinked through an aza-Michael addition catalyzed by boric acid. International Journal of Biological Macromolecules, 2021, 193, 1032-1042.	3.6	9
4	Microparticles based on carboxymethyl starch/chitosan polyelectrolyte complex as vehicles for drug delivery systems. Arabian Journal of Chemistry, 2020, 13, 2183-2194.	2.3	64
5	Polysaccharide/Fe(III)-porphyrin hybrid film as catalyst for oxidative decolorization of toxic azo dyes: An approach for wastewater treatment. Arabian Journal of Chemistry, 2020, 13, 5923-5938.	2.3	17
6	Enhanced photocatalytic degradation of organic pollutants mediated by Zn(II)-porphyrin/poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	16.8	50
7	Preparation, characterization and antitumor activity of a cationic starch-derivative membrane embedded with a Î²-cyclodextrin/curcumin inclusion complex. International Journal of Biological Macromolecules, 2020, 148, 140-152.	3.6	41
8	Hybrid hydrogels containing one-step biosynthesized silver nanoparticles: Preparation, characterization and catalytic application. Journal of Industrial and Engineering Chemistry, 2019, 79, 326-337.	2.9	25
9	Glassy carbon electrode modified with carbon black and cross-linked alginate film: a new voltammetric electrode for paraquat determination. Analytical and Bioanalytical Chemistry, 2019, 411, 3269-3280.	1.9	20
10	Polysaccharides derived from natural sources applied to the development of chemically modified electrodes for environmental applications: A review. Trends in Environmental Analytical Chemistry, 2019, 22, e00062.	5.3	31
11	Enzymatic depolymerization â€“ An easy approach to reduce the chondroitin sulfate molecular weight. Process Biochemistry, 2018, 74, 118-124.	1.8	9
12	Fast decolorization of azo methyl orange via heterogeneous Fenton and Fenton-like reactions using alginate-Fe2+/Fe3+ films as catalysts. Carbohydrate Polymers, 2017, 177, 443-450.	5.1	72
13	Copper species supported in polysaccharide-based materials: from preparation to application in catalysis. Catalysis Reviews - Science and Engineering, 0, , 1-66.	5.7	4