

Rafael Fonseca Neves Quadrado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7593894/publications.pdf>

Version: 2024-02-01

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 | Fast decolorization of azo methyl orange via heterogeneous Fenton and Fenton-like reactions using alginate-Fe ²⁺ /Fe ³⁺ films as catalysts. Carbohydrate Polymers, 2017, 177, 443-450. | 5.1 | 72 |
| 2 | 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 |
| 3 | Enhanced photocatalytic degradation of organic pollutants mediated by Zn(II)-porphyrin/poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Ove | 10.8 | 50 |
| 4 | Preparation, characterization and antitumor activity of a cationic starch-derivative membrane embedded with a β -cyclodextrin/curcumin inclusion complex. International Journal of Biological Macromolecules, 2020, 148, 140-152. | 3.6 | 41 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Enzymatic depolymerization of chondroitin sulfate. An easy approach to reduce the chondroitin sulfate molecular weight. Process Biochemistry, 2018, 74, 118-124. | 1.8 | 9 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 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 |