

Parikshit Gogoi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4812591/publications.pdf>

Version: 2024-02-01

12
papers

424
citations

840585

11
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe ₃ O ₄ -CeO ₂ metal oxide nanocomposite as a Fenton-like heterogeneous catalyst for degradation of catechol. <i>Chemical Engineering Journal</i> , 2017, 311, 153-162.	6.6	109
2	Electrochemical Lignin Conversion. <i>ChemSusChem</i> , 2020, 13, 4318-4343.	3.6	87
3	Highly stable silver nanoparticles containing guar gum modified dual network hydrogel for catalytic and biomedical applications. <i>Carbohydrate Polymers</i> , 2020, 248, 116786.	5.1	44
4	Highly transparent and thermally stable cellulose nanofibril films functionalized with colored metal ions for ultraviolet blocking activities. <i>Carbohydrate Polymers</i> , 2019, 213, 10-16.	5.1	37
5	Oxidative Catalytic Fractionation and Depolymerization of Lignin in a One-Pot Single-Catalyst System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7719-7727.	3.2	36
6	β-Cyclodextrin supported MoO ₃ -CeO ₂ nanocomposite material as an efficient heterogeneous catalyst for degradation of phenol. <i>RSC Advances</i> , 2016, 6, 28679-28687.	1.7	23
7	Catalytic degradation and mineralization mechanism of 4-chlorophenol oxidized by phosphomolybdic acid/H ₂ O ₂ . <i>Separation and Purification Technology</i> , 2021, 257, 117933.	3.9	18
8	Highly efficient heterogeneous Fenton activities of magnetic β-cyclodextrin (Fe) framework for Eriochrome black T degradation. <i>Materials Chemistry and Physics</i> , 2019, 231, 233-243.	2.0	17
9	Lignin-polystyrene composite foams through high internal phase emulsion polymerization. <i>Polymer Engineering and Science</i> , 2019, 59, 964-972.	1.5	16
10	Low temperature lignin depolymerization to aromatic compounds with a redox couple catalyst. <i>Fuel</i> , 2020, 281, 118799.	3.4	14
11	Low-temperature, Low-Energy, and High-Efficiency Pretreatment Technology for Large Wood Chips with a Redox Couple Catalyst. <i>ChemSusChem</i> , 2018, 11, 1121-1131.	3.6	12
12	Novel highly stable β-cyclodextrin fullerene mixed valent Fe-metal framework for quick Fenton degradation of alizarin. <i>RSC Advances</i> , 2017, 7, 40371-40382.	1.7	11