

Sunil Paul Mathew Menacherry

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

379
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation Reactions of 1- and 2-Naphthols: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11261-11270.	2.5	52
2	Contamination from organochlorine pesticides (OCPs) in agricultural soils of Kuttanad agroecosystem in India and related potential health risk. <i>Environmental Science and Pollution Research</i> , 2017, 24, 969-978.	5.3	50
3	Oxidative degradation of fensulfothion by hydroxyl radical in aqueous medium. <i>Chemosphere</i> , 2013, 91, 295-301.	8.2	40
4	Electro-oxidation of the dye azure B: kinetics, mechanism, and by-products. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8379-8386.	5.3	32
5	Electro-Fenton oxidation of para-aminosalicylic acid: degradation kinetics and mineralization pathway using Pt/carbon-felt and BDD/carbon-felt cells. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20363-20373.	5.3	31
6	Hydroxyl radical induced oxidation of theophylline in water: a kinetic and mechanistic study. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5611-5620.	2.8	29
7	Ligand-Specific Dissolution of Iron Oxides in Frozen Solutions. <i>Environmental Science & Technology</i> , 2018, 52, 13766-13773.	10.0	22
8	Identification of position isomers by energy-resolved mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 944-950.	1.6	21
9	Simultaneous and Synergic Production of Bioavailable Iron and Reactive Iodine Species in Ice. <i>Environmental Science & Technology</i> , 2019, 53, 7355-7362.	10.0	19
10	Sonochemical degradation of benzenesulfonic acid in aqueous medium. <i>Chemosphere</i> , 2020, 252, 126485.	8.2	16
11	Oxidation reactions of hydroxy naphthoquinones: Mechanistic investigation by LC-Q-TOF-MS analysis. <i>International Journal of Radiation Biology</i> , 2014, 90, 495-502.	1.8	15
12	Critical review on the role of mass spectrometry in the AOP based degradation of contaminants of emerging concern (CECs) in water. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108155.	6.7	15
13	Exploring the mechanism of diphenylmethanol oxidation: A combined experimental and theoretical approach. <i>Chemical Physics</i> , 2018, 513, 201-208.	1.9	9
14	The impact of initial concentration of selected pharmaceuticals on their early stage of dissipation in soils. <i>Journal of Soils and Sediments</i> , 2022, 22, 522-535.	3.0	7
15	Transformation Reactions of Radicals from the Oxidation of Diphenhydramine: Pulse Radiolysis and Mass Spectrometric Studies. <i>ChemistrySelect</i> , 2016, 1, 924-933.	1.5	6
16	Halide-induced dissolution of lead(IV) oxide in frozen solution. <i>Journal of Hazardous Materials</i> , 2020, 384, 121298.	12.4	4
17	Oxidative Degradation of Pharmaceutical Waste, Theophylline, from Natural Environment. <i>Atmosphere</i> , 2022, 13, 835.	2.3	4
18	Degradation of Dyestuff Pollutant Sudan I Using Advanced Oxidation Process. <i>Journal of Water Resource and Protection</i> , 2014, 06, 1276-1283.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Oxidation reactions of carbaryl in aqueous solutions. Chemical Physics, 2022, 554, 111427.	1.9	3
20	Poor optical stability of molecular dyes when used as absorbers in water-based tissue-simulating phantoms. , 2019, , .		1