

Shagun Kainth

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

183
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of different plasmonic metals on photocatalytic degradation of volatile organic compounds (VOCs) by bentonite/M-TiO ₂ nanocomposites under UV/visible light. <i>Applied Clay Science</i> , 2018, 153, 144-153.	5.2	34
2	A comparative study on the effect of different precursors for synthesis and efficient photocatalytic activity of g-C ₃ N ₄ /TiO ₂ /bentonite nanocomposites. <i>Journal of Materials Science</i> , 2018, 53, 13126-13142.	3.7	32
3	Carbon quantum dots/TiO ₂ nanocomposite for sensing of toxic metals and photodetoxification of dyes with kill waste by waste concept. <i>Materials and Design</i> , 2018, 155, 485-493.	7.0	30
4	Label-free detection of creatinine using nitrogen-passivated fluorescent carbon dots. <i>RSC Advances</i> , 2020, 10, 36253-36264.	3.6	26
5	Deciphering the interaction of solvents with dual emissive carbon dots: A photoluminescence study and its response for different metal ions. <i>Materials Science and Engineering C</i> , 2020, 108, 110443.	7.3	17
6	Implementation of a logic gate by chemically induced nitrogen and oxygen rich C-dots for the selective detection of fluoride ions. <i>New Journal of Chemistry</i> , 2018, 42, 12162-12171.	2.8	15
7	Reaction kinetics during non-isothermal solid-state synthesis of boron trioxide via boric acid dehydration. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 134, 347-359.	1.7	12
8	Surfactant-derived water-soluble carbon dots for quantitative determination of fluoride <i>via</i> a turn-off "on strategy. <i>New Journal of Chemistry</i> , 2022, 46, 686-694.	2.8	6
9	Investigating transformation kinetics of yttrium hydroxide to yttrium oxide. <i>Materials Chemistry and Physics</i> , 2022, 287, 126243.	4.0	6
10	Non-isothermal solid-state synthesis kinetics of the tetragonal barium titanate. <i>Journal of Solid State Chemistry</i> , 2022, 312, 123275.	2.9	5