

L Chandana

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

307
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

459
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric pressure non-thermal plasma jet for the degradation of methylene blue in aqueous medium. <i>Chemical Engineering Journal</i> , 2015, 282, 116-122.	12.7	87
2	Simultaneous photocatalytic degradation of p-cresol and Cr (VI) by metal oxides supported reduced graphene oxide. <i>Molecular Catalysis</i> , 2018, 451, 87-95.	2.0	75
3	Non-thermal atmospheric pressure plasma jet for the bacterial inactivation in an aqueous medium. <i>Science of the Total Environment</i> , 2018, 640-641, 493-500.	8.0	41
4	Influence of hydrogen peroxide on the simultaneous removal of Cr(VI) and methylene blue from aqueous medium under atmospheric pressure plasma jet. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2760-2767.	6.7	28
5	Non-thermal discharge plasma promoted redox transformation of arsenic(III) and chromium(VI) in an aqueous medium. <i>Chemical Engineering Journal</i> , 2017, 329, 211-219.	12.7	23
6	Low-cost adsorbent derived from the coconut shell for the removal of hexavalent chromium from aqueous medium. <i>Materials Today: Proceedings</i> , 2020, 26, 44-51.	1.8	20
7	Degradation and mineralization of aqueous phenol by an atmospheric pressure catalytic plasma reactor. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3780-3786.	6.7	15
8	Enhanced photocatalytic and antibacterial activity of plasma-reduced silver nanoparticles. <i>RSC Advances</i> , 2018, 8, 24827-24835.	3.6	9
9	Physicochemical process of non-thermal plasma at gas-liquid interface and synergistic effect of plasma with catalyst. <i>Current Applied Physics</i> , 2022, 36, 16-26.	2.4	5
10	Improved Solar Cell Performance of High Quality Plasma Reduced Graphene Oxide. <i>Plasma Processes and Polymers</i> , 2016, 13, 929-936.	3.0	4