L Chandana

List of Publications by Year
in descending order

10	307	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	459
all docs	docs citations	times ranked	citing authors

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