

# Sudhir G Warkar

## List of Publications by Year in descending order

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9  
papers

199  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and metal ions sensing applications of <i>meta</i> -benzporphodimethene-embedded polyacrylamide/carboxymethyl guar gum polymeric hydrogels in water. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 991-1002.	2.2	8
2	Controlled release and release kinetics studies of boron through the functional formulation of carboxymethyl tamarind kernel gum-based superabsorbent hydrogel. <i>Polymer Bulletin</i> , 2022, 79, 2287-2303.	3.3	8
3	Modified polymeric hydrogels for the detection of Zn <sup>2+</sup> in <i>E. coli</i> bacterial cells and Zn <sup>2+</sup> , Cd <sup>2+</sup> and Hg <sup>2+</sup> in industrial effluents. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3600-3607.	2.2	6
4	A review on carboxylic acid cross-linked polyvinyl alcohol: Properties and applications. <i>Polymer Engineering and Science</i> , 2022, 62, 225-246.	3.1	65
5	Biopolymer-Based Biomatrices – Organic Strategies to Combat Micronutrient Deficit for Dynamic Agronomy. <i>ChemistrySelect</i> , 2022, 7, .	1.5	2
6	Zinc micronutrient-loaded carboxymethyl tamarind kernel gum-based superabsorbent hydrogels: controlled release and kinetics studies for agricultural applications. <i>Colloid and Polymer Science</i> , 2021, 299, 1103-1111.	2.1	6
7	Potential applications and various aspects of polyfunctional macromolecule- carboxymethyl tamarind kernel gum. <i>European Polymer Journal</i> , 2020, 140, 110042.	5.4	18
8	Synthesis and assessment of carboxymethyl tamarind kernel gum based novel superabsorbent hydrogels for agricultural applications. <i>Polymer</i> , 2019, 182, 121823.	3.8	49
9	A review on environmental applications of chitosan biopolymeric hydrogel based composites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 747-763.	2.2	37