

# Jagadeeshwar Kodavaty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5983164/publications.pdf>

Version: 2024-02-01

11  
papers

83  
citations

1478505

6  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly (vinyl alcohol) and hyaluronic acid hydrogels as potential biomaterial systems - A comprehensive review. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103298.	3.0	8
2	Optimizing composition of a drug gel using release kinetics – A new way of approach. <i>Materials Today: Proceedings</i> , 2022, 66, 1611-1616.	1.8	2
3	Evaluation of solute diffusion and polymer relaxation in cross-linked hyaluronic acid hydrogels: experimental measurement and relaxation modeling. <i>Polymer Bulletin</i> , 2021, 78, 2605-2626.	3.3	6
4	Overview of methods in Oil spill technology. <i>Journal of Physics: Conference Series</i> , 2021, 2070, 012053.	0.4	1
5	Biosorption of nickel from aqueous solution onto <i>Liagora viscida</i> : Kinetics, isotherm, and thermodynamics. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13330.	2.3	7
6	Flow behavior analysis of <i>Chlorella Vulgaris</i> microalgal biomass. <i>Heliyon</i> , 2019, 5, e01845.	3.2	8
7	Characterizing the yielding processes in pluronic-hyaluronic acid thermoreversible gelling systems using oscillatory rheology. <i>Journal of Rheology</i> , 2019, 63, 215-228.	2.6	19
8	Self-assembly and drying assisted microstructural domain formation in poly(vinyl alcohol) and hyaluronic acid gels. <i>Polymer Bulletin</i> , 2017, 74, 3605-3617.	3.3	4
9	Regimes of microstructural evolution as observed from rheology and surface morphology of crosslinked poly(vinyl alcohol) and hyaluronic acid blends during gelation. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9
10	Mechanical and Swelling Properties of Poly (vinyl alcohol) and Hyaluronic Acid Gels used in Biomaterial Systems - a Comparative Study. <i>Defence Science Journal</i> , 2014, 64, 222-229.	0.8	16
11	A Novel Method to Choose the Experimental Parameters in Large Amplitude Oscillatory Shear Rheology. <i>Materials Science Forum</i> , 0, 1048, 54-64.	0.3	3