

# Chinmay C Satam

## List of Publications by Year in descending order

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13  
papers

436  
citations

1162367

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1281420

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docs citations

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times ranked

651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Reinforcement of Composite Hydrogels with Nanofiber Mixtures of Cellulose Nanocrystals and Chitin Nanofibers. <i>Biomacromolecules</i> , 2021, 22, 340-352.	2.6	10
2	Photostability of Ambient-Processed, Conjugated Polymer Electrochromic Devices Encapsulated by Bioderived Barrier Films. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2937-2945.	3.2	11
3	Multifunctional starch-based barrier materials. <i>Tappi Journal</i> , 2021, 20, 511-523.	0.2	0
4	Increasing efficiency of the homogenization process for production of chitin nanofibers for barrier film applications. <i>Carbohydrate Polymers</i> , 2021, 274, 118658.	5.1	10
5	Commercially relevant water vapor barrier properties of high amylose starch acetates: Fact or fiction?. <i>Tappi Journal</i> , 2021, 20, 599-604.	0.2	0
6	Controlling Barrier and Mechanical Properties of Cellulose Nanocrystals by Blending with Chitin Nanofibers. <i>Biomacromolecules</i> , 2020, 21, 545-555.	2.6	35
7	Multifunctional Bioâ€Nanocomposite Coatings for Perishable Fruits. <i>Advanced Materials</i> , 2020, 32, e1908291.	11.1	97
8	Comparison of two routes for the bioâ€based production of economically important <sc>C<sub>4</sub></sc> streams. <i>Journal of Advanced Manufacturing and Processing</i> , 2020, 2, .	1.4	6
9	Bioâ€Nanocomposite Coatings: Multifunctional Bioâ€Nanocomposite Coatings for Perishable Fruits (Adv.) <i>Tj ETQq</i> 1, 1, 0.784314 rgBT	11.1	3
10	Technoâ€economic analysis of 1,4â€butanediol production by a singleâ€step bioconversion process. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 1261-1273.	1.9	33
11	Mechanical reinforcement and thermal properties of PVA tricomponent nanocomposites with chitin nanofibers and cellulose nanocrystals. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 116, 147-157.	3.8	59
12	Spray-Coated Multilayer Cellulose Nanocrystalâ€Chitin Nanofiber Films for Barrier Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10637-10644.	3.2	102
13	Impact of Bay-Breeze Circulations on Surface Air Quality and Boundary Layer Export. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1697-1713.	0.6	70