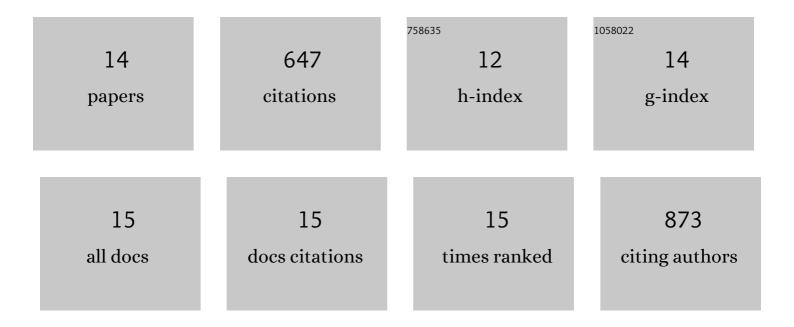
## Chandravati Yadav

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7069622/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Facile One-Pot Synthesis of Graphene Oxide by Sonication Assisted Mechanochemical Approach and Its Surface Chemistry. Journal of Nanoscience and Nanotechnology, 2018, 18, 902-912.	0.9	173
2	Esterified superhydrophobic nanofibrillated cellulose based aerogel for oil spill treatment. Carbohydrate Polymers, 2019, 226, 115286.	5.1	98
3	Plant-based nanocellulose: A review of routine and recent preparation methods with current progress in its applications as rheology modifier and 3D bioprinting. International Journal of Biological Macromolecules, 2021, 166, 1586-1616.	3.6	72
4	Supertough Lignin Hydrogels with Multienergy Dissipative Structures and Ultrahigh Antioxidative Activities. ACS Applied Materials & amp; Interfaces, 2020, 12, 39892-39901.	4.0	66
5	Energy efficient facile extraction process of cellulose nanofibres and their dimensional characterization using light scattering techniques. Carbohydrate Polymers, 2017, 165, 276-284.	5.1	50
6	Metal oxide nanostructures incorporated/immobilized paper matrices and their applications: a review. RSC Advances, 2015, 5, 83036-83055.	1.7	42
7	Synergistic effect of cellulose nanofibres and bio- extracts for fabricating high strength sodium alginate based composite bio-sponges with antibacterial properties. Carbohydrate Polymers, 2019, 203, 396-408.	5.1	37
8	Maleic anhydride grafted linear lowâ€density polyethylene/waste paper powder composites with superior mechanical behavior. Journal of Applied Polymer Science, 2017, 134, 45167.	1.3	20
9	Microdesigned Nanocellulose-Based Flexible Antibacterial Aerogel Architectures Impregnated with Bioactive <i>Cinnamomum cassia</i> . ACS Applied Materials & Interfaces, 2021, 13, 4874-4885.	4.0	20
10	Thermo-analytical characterizations of biodiesel produced from edible and non-edible oils. Fuel Processing Technology, 2017, 167, 395-403.	3.7	19
11	Cellulose nanofibres as biomaterial for nano-reinforcement of poly[styrene-(ethylene-co-butylene)-styrene] triblock copolymer. Cellulose, 2018, 25, 449-461.	2.4	15
12	Mixed-Acid-Assisted Hydrothermal Process for Simultaneous Preparation and Carboxylation of Needle-Shaped Cellulose Nanocrystals. ACS Applied Polymer Materials, 2020, 2, 548-562.	2.0	14
13	Layer-by-layer assembly of cationic guar gum, cellulose nanocrystals and hydroxypropyl methylcellulose based multilayered composite films. Cellulose, 2021, 28, 8445-8457.	2.4	14
14	Bio-extract amalgamated sodium alginate-cellulose nanofibres based 3D-sponges with interpenetrating BioPU coating as potential wound care scaffolds. Materials Science and Engineering C, 2021, 118, 111348.	3.8	7