

Subir Kumar Biswas

List of Publications by Year in descending order

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17
papers

559
citations

840776

11
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940533

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all docs

17
docs citations

17
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface and Interface Engineering for Nanocellulosic Advanced Materials. <i>Advanced Materials</i> , 2021, 33, e2002264.	21.0	239
2	Water Hyacinth: A Sustainable Lignin-Poor Cellulose Source for the Production of Cellulose Nanofibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18884-18893.	6.7	82
3	Optically transparent tough nanocomposites with a hierarchical structure of cellulose nanofiber networks prepared by the Pickering emulsion method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 132, 105811.	7.6	37
4	Three-Dimensional-Moldable Nanofiber-Reinforced Transparent Composites with a Hierarchically Self-Assembled "Reverse" Nacre-like Architecture. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30177-30184.	8.0	35
5	UV grafting: surface modification of cellulose nanofibers without the use of organic solvents. <i>Green Chemistry</i> , 2019, 21, 4619-4624.	9.0	28
6	Extremely stiff and strong nanocomposite hydrogels with stretchable cellulose nanofiber/poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.9	25
7	Flexible and transparent chitin/acrylic nanocomposite films with high mechanical strength. <i>Fibers and Polymers</i> , 2015, 16, 774-781.	2.1	17
8	Polyethylenimine-Impregnated Mesoporous Delignified Wood with High Mechanical Strength for CO ₂ /N ₂ Selective Adsorption. <i>ACS Applied Nano Materials</i> , 2020, 3, 5499-5508.	5.0	16
9	Highly Thermal-Resilient AgNW Transparent Electrode and Optical Device on Thermomechanically Superstable Cellulose Nanorod-Reinforced Nanocomposites. <i>Advanced Optical Materials</i> , 2019, 7, 1900532.	7.3	14
10	Thermally Superstable Cellulosic-Nanorod-Reinforced Transparent Substrates Featuring Microscale Surface Patterns. <i>ACS Nano</i> , 2019, 13, 2015-2023.	14.6	13
11	Physical and mechanical properties of ghora neem (<i>Melia azedarach</i>) plywood. <i>Bangladesh Journal of Scientific and Industrial Research</i> , 2014, 49, 47-52.	0.3	11
12	Physical and mechanical properties of medium density fiber board (MDF) fabricated from banana plant (<i>Musa sapientum</i>) stem and midrib. <i>Journal of the Indian Academy of Wood Science</i> , 2014, 11, 1-4.	0.9	11
13	Development of High Performance Transparent Nanocomposites Reinforced with Nanofibrillated Chitin Extracted from Shrimp Wastes. <i>Journal of Chitin and Chitosan Science</i> , 2013, 1, 138-143.	0.3	10
14	Fabrication of ultrastiff and strong hydrogels by in situ polymerization in layered cellulose nanofibers. <i>Cellulose</i> , 2020, 27, 693-702.	4.9	8
15	Physical and Mechanical Properties of UF Bonded and Without Binding Agent Bagasse MDF. <i>Asian Journal of Applied Sciences</i> , 2013, 7, 45-50.	0.4	7
16	Stiffened Nanocomposite Hydrogels by Using Modified Cellulose Nanofibers via Plug Flow Reactor Method. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9092-9096.	6.7	6
17	Enhancement of Life Span of Mahogany (<i>Swietenia macrophylla</i>), Raintree (<i>Albizia saman</i>) and Akashmoni (<i>Acacia auriculiformis</i>) Wood Treating with CCB Preservative. <i>Asian Journal of Applied Sciences</i> , 2013, 7, 38-44.	0.4	0