

Ahu GÃ¼mrah Dumanli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5796791/publications.pdf>

Version: 2024-02-01

15
papers

1,385
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the biomimicry of structural colours. <i>Chemical Society Reviews</i> , 2016, 45, 6698-6724.	38.1	304
2	Carbon fibres from cellulosic precursors: a review. <i>Journal of Materials Science</i> , 2012, 47, 4236-4250.	3.7	249
3	Digital Color in Cellulose Nanocrystal Films. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 12302-12306.	8.0	222
4	Controlled, Bioâ€Inspired Selfâ€Assembly of Celluloseâ€Based Chiral Reflectors. <i>Advanced Optical Materials</i> , 2014, 2, 646-650.	7.3	179
5	Biocompatible and Sustainable Optical Strain Sensors for Largeâ€Area Applications. <i>Advanced Optical Materials</i> , 2016, 4, 1950-1954.	7.3	94
6	Nanocellulose and its Composites for Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2017, 24, 512-528.	2.4	92
7	Shape Memory Cellulose-Based Photonic Reflectors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31935-31940.	8.0	68
8	Trace elements in Turkish biomass fuels: Ashes of wheat straw, olive bagasse and hazelnut shell. <i>Fuel</i> , 2009, 88, 1842-1851.	6.4	46
9	Understanding the structural diversity of chitins as a versatile biomaterial. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200331.	3.4	38
10	Biodesulphurized subbituminous coal by different fungi and bacteria studied by reductive pyrolysis. Part 1: Initial coal. <i>Fuel</i> , 2008, 87, 2533-2543.	6.4	29
11	Co-firing of biomass with coals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 925-933.	3.6	28
12	Fuel supply chain analysis of Turkey. <i>Renewable and Sustainable Energy Reviews</i> , 2007, 11, 2058-2082.	16.4	17
13	Development of supercapacitor active composites by electrochemical deposition of polypyrrole on carbon nanofibres. <i>Polymer Bulletin</i> , 2012, 68, 1395-1404.	3.3	12
14	Carbon Nanotube and Nanofiber Growth on Zn-Based Catalysts. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011, 19, 155-165.	2.1	7
15	Sulfonation degree determination of polystyrene ionomers by using adiabatic bomb calorimeter. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4684-4688.	2.6	0