

Christian Fuerst

List of Publications by Year in descending order

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21
papers

643
citations

759233

12
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794594

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21
all docs

21
docs citations

21
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscose-derived activated carbons as adsorbents for malathion, dimethoate, and chlorpyrifosâ€”screening, trends, and analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 35138-35149.	5.3	9
2	Comparative Behavior of Viscose-Based Supercapacitor Electrodes Activated by KOH, H ₂ O, and CO ₂ . <i>Nanomaterials</i> , 2022, 12, 677.	4.1	5
3	Viscose-Derived Activated Carbons Fibers as Highly Efficient Adsorbents for Dimethoate Removal from Water. <i>Molecules</i> , 2022, 27, 1477.	3.8	8
4	Viscoseâ€”based porous carbon fibers: improving yield and porosity through optimization of the carbonization process by design of experiment. <i>Journal of Porous Materials</i> , 2021, 28, 727-739.	2.6	17
5	Development of a method for vapour phase trimethylsilylation of surface hydroxyl groups. <i>Surfaces and Interfaces</i> , 2021, 23, 100957.	3.0	2
6	Biomass-Derived Carbons as Versatile Materials for Energy-Related Applications: Capacitive Properties vs. Oxygen Reduction Reaction Catalysis. <i>Journal of Carbon Research</i> , 2021, 7, 55.	2.7	6
7	Influence of the carbonization temperature on the properties of carbon fibers based on technical softwood kraft lignin blends. <i>Carbon Trends</i> , 2021, 5, 100094.	3.0	7
8	Supercapacitor Electrodes from Viscose-Based Activated Carbon Fibers: Significant Yield and Performance Improvement Using Diammonium Hydrogen Phosphate as Impregnating Agent. <i>Journal of Carbon Research</i> , 2020, 6, 17.	2.7	14
9	Impact of fiber length and fiber content on the mechanical properties and electrical conductivity of short carbon fiber reinforced polypropylene composites. <i>Composites Science and Technology</i> , 2020, 188, 107998.	7.8	40
10	Morphology and Characterisation of Novolacâ€”LDPE-Based Mixtures as Matrix for Injection Moulded Green Bodies for Bio-Based SiC Ceramics. <i>Ceramics</i> , 2019, 2, 536-550.	2.6	0
11	Determination of the surface chemistry of ozone-treated carbon fibers by highly consistent evaluation of X-ray photoelectron spectra. <i>Carbon</i> , 2019, 146, 97-105.	10.3	17
12	Novel protocol for highly efficient gas-phase chemical derivatization of surface amine groups using trifluoroacetic anhydride. <i>Applied Surface Science</i> , 2018, 443, 244-254.	6.1	10
13	Nucleating efficiency and thermal stability of industrial non-purified lignins and ultrafine talc in poly(lactic acid) (PLA). <i>Polymer Degradation and Stability</i> , 2017, 142, 244-254.	5.8	43
14	Carbon Microparticles from Organosolv Lignin as Filler for Conducting Poly(Lactic Acid). <i>Polymers</i> , 2016, 8, 205.	4.5	14
15	Investigation on the thermo-oxidative stability of carbon fiber sizings for application in thermoplastic composites. <i>Polymer Degradation and Stability</i> , 2016, 125, 33-42.	5.8	30
16	Characterization of carbon fiber surfaces and their impact on the mechanical properties of short carbon fiber reinforced polypropylene composites. <i>Composites Science and Technology</i> , 2015, 108, 41-47.	7.8	111
17	Electrically conductive kraft lignin-based carbon filler for polymers. <i>Carbon</i> , 2015, 89, 161-168.	10.3	22
18	Effects of different fibers on the properties of short-fiber-reinforced polypropylene composites. <i>Composites Science and Technology</i> , 2014, 103, 49-55.	7.8	67

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19	Synthetic fibers and thermoplastic short-fiber-reinforced polymers: Properties and characterization. <i>Polymer Composites</i> , 2014, 35, 227-236.	4.6	111
20	Differences in the flame retardant mechanism of melamine cyanurate in polyamide 6 and polyamide 66. <i>Polymer Degradation and Stability</i> , 2002, 78, 219-224.	5.8	106
21	Screening of spinning oils for melt-spun lignin-based carbon fiber precursors. <i>Journal of Applied Polymer Science</i> , 0, , 52134.	2.6	4