

Torben Schlebrowski

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

24
citations

2
h-index

4
g-index

10
ext. papers

33
ext. citations

3.7
avg, IF

1.8
L-index

#	Paper	IF	Citations
10	Changing Contents of Carbon Hybridizations in Amorphous Hydrogenated Carbon Layers (a-C:H) on Sustainable Polyhydroxybutyrate (PHB) Exhibit a Significant Deterioration in Stability, Depending on Thickness. <i>Journal of Carbon Research</i> , 2019 , 5, 52	3.3	8
9	Refinement of Sustainable Polybutylene Adipate Terephthalate (PBAT) with Amorphous Hydrogenated Carbon Films (a-C:H) Revealing Film Instabilities Influenced by a Thickness-Dependent Change of sp ² /sp ³ Ratio. <i>Materials</i> , 2020 , 13,	3.5	7
8	Effect of Cellulose Nanocrystals on the Coating of Chitosan Nanocomposite Film Using Plasma-Mediated Deposition of Amorphous Hydrogenated Carbon (a-C:H) Layers. <i>Journal of Carbon Research</i> , 2020 , 6, 51	3.3	2
7	Influence of cellulose microfiber reinforcement for polyvinyl alcohol on the layer growth of plasma-deposited a-C:H. <i>Diamond and Related Materials</i> , 2020 , 109, 108065	3.5	2
6	Comparing the Influence of Residual Stress on Composite Materials Made of Polyhydroxybutyrate (PHB) and Amorphous Hydrogenated Carbon (a-C:H) Layers: Differences Caused by Single Side and Full Substrate Film Attachment during Plasma Coating. <i>Polymers</i> , 2021 , 13,	4.5	2
5	Plasma Supported Deposition of Amorphous Hydrogenated Carbon (a-C:H) on Polyamide 6: Determining Interlayer Completion and Dehydrogenation Effects during Layer Growth. <i>Polymers</i> , 2021 , 13,	4.5	1
4	The Growth Behavior of Amorphous Hydrogenated Carbon a-C:H Layers on Industrial Polycarbonates: A Weak Interlayer and a Distinct Dehydrogenation Zone. <i>Journal of Carbon Research</i> , 2021 , 7, 59	3.3	1
3	Photoaging phenomena of biodegradable polybutylene succinate and conventional low density polyethylene by artificial weathering: A comparative surface study. <i>Applied Surface Science</i> , 2022 , 590, 153058	6.7	1
2	Surface treatment of biopolymer films Polylactic acid and Polyhydroxybutyrate with angular changing oxygen plasma - More than just gradual purification. <i>Surfaces and Interfaces</i> , 2022 , 30, 101856	4.1	0
1	Synchrotron-based spectroscopic study of plasma generated amorphous hydrogenated carbon films (a-C:H) post-functionalized using photochemically active ruthenium-polypyridyl complexes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2022 , 257, 147204	1.7	