

Hongyu Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5515678/publications.pdf>

Version: 2024-02-01

15
papers

212
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotribological Study of Supramolecular Template Networks Induced by Hydrogen Bonds and van der Waals Forces. <i>ACS Nano</i> , 2018, 12, 8781-8790.	14.6	40
2	Fretting Wear Study of PEEK-Based Composites for Bio-implant Application. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	27
3	Superlubricity of Fullerene Derivatives Induced by Host-Guest Assembly. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18924-18933.	8.0	27
4	A high-nuclearity isopolyoxotungstate based manganese cluster: one-pot synthesis and step-by-step assembly. <i>Chemical Communications</i> , 2018, 54, 5458-5461.	4.1	21
5	On-Surface Synthesis of Self-Assembled Monolayers of Benzothiazole Derivatives Studied by STM and XPS. <i>Langmuir</i> , 2017, 33, 4216-4223.	3.5	19
6	Study on the Nanomechanical and Nanotribological Behaviors of PEEK and CFRPEEK for Biomedical Applications. <i>Polymers</i> , 2018, 10, 142.	4.5	18
7	Time-frequency analysis of the tribological behaviors of Ti6Al4V alloy under a dry sliding condition. <i>Journal of Alloys and Compounds</i> , 2017, 724, 752-762.	5.5	17
8	Influence of functional groups on the self-assembly of liquid crystals. <i>Chinese Chemical Letters</i> , 2021, 32, 1149-1152.	9.0	9
9	Assembly structures and electronic properties of truxene-porphyrin compounds studied by STM/STS. <i>Dalton Transactions</i> , 2019, 48, 8693-8701.	3.3	7
10	Electric field controlled superlubricity of fullerene-based host-guest assembly. <i>Nano Research</i> , 2023, 16, 583-588.	10.4	7
11	Interfacial assembly structures and nanotribological properties of saccharic acids. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1236-1243.	2.8	6
12	Blood Compatibility of ZrO ₂ Particle Reinforced PEEK Coatings on Ti6Al4V Substrates. <i>Polymers</i> , 2017, 9, 589.	4.5	6
13	Insight Into the Superlubricity and Self-Assembly of Liquid Crystals. <i>Frontiers in Chemistry</i> , 2021, 9, 668794.	3.6	3
14	Hierarchical self-assembled structure and frictional response of phthalocyanine molecules. <i>Friction</i> , 2023, 11, 354-368.	6.4	3
15	Surface Separation and in Situ Structural Regulation of Photosensitive Oligomer in a Flexible Template. <i>Langmuir</i> , 2018, 34, 5169-5173.	3.5	2