

Kun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

221
citations

1307594
7
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust superhydrophobic coating and the anti-icing properties of its lubricants-infused-composite surface under condensing condition. <i>New Journal of Chemistry</i> , 2017, 41, 1846-1853.	2.8	57
2	Improved biotribological properties of PEEK by photo-induced graft polymerization of acrylic acid. <i>Materials Science and Engineering C</i> , 2017, 75, 777-783.	7.3	51
3	Semi-degradable porous poly (vinyl alcohol) hydrogel scaffold for cartilage repair: Evaluation of the initial and cell-cultured tribological properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 68, 163-172.	3.1	29
4	Construction of lubricant composite coating on Ti6Al4V alloy using micro-arc oxidation and grafting hydrophilic polymer. <i>Materials Science and Engineering C</i> , 2018, 90, 219-226.	7.3	24
5	Novel lubricated surface of titanium alloy based on porous structure and hydrophilic polymer brushes. <i>Applied Surface Science</i> , 2014, 317, 875-883.	6.1	15
6	Structure, intermolecular interactions, and dynamic properties of NTO crystals with impurity defects: a computational study. <i>CrystEngComm</i> , 2021, 23, 2455-2468.	2.6	14
7	Insight into the roles of small molecules in CL-20 based host-guest crystals: a comparative DFT-D study. <i>CrystEngComm</i> , 2020, 22, 6228-6238.	2.6	11
8	Computational insights into the formation driving force of CL-20 based solvates and their desolvation process. <i>CrystEngComm</i> , 2021, 23, 2150-2161.	2.6	7
9	The mechanical properties of the ultra high molecular weight polyethylene grafted with 3-dimethyl (3-(N-methacryamido) propyl) ammonium propane sulfonate. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 35, 18-26.	3.1	6
10	Application of Molecular Electrostatic Potential Surface to Predict Supramolecular Synthons for RDX/Solvent Cocrystals. <i>Crystal Research and Technology</i> , 2019, 54, 1900171.	1.3	6
11	Computational insight into energetic cage derivatives based on hexahydro-1,3,5-trinitro-1,3,5-triazine. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 961-968.	1.4	1