

Lulu An

List of Publications by Year in descending order

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14
papers

399
citations

933264

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1125617

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14
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-isotropically thermoconductive, antiwear and insulating hierarchically assembled hexagonal boron nitride nanosheet/epoxy composites for efficient microelectronic cooling. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1907-1918.	5.0	21
2	Flexible and quasi-isotropically thermoconductive polyimide films by guided assembly of boron nitride nanoplate/boron nitride flakes for microelectronic application. <i>Chemical Engineering Journal</i> , 2022, 431, 133740.	6.6	37
3	Water-icing-triggered scalable and controllable exfoliation of hexagonal boron nitride nanosheets. <i>Cell Reports Physical Science</i> , 2022, 3, 100941.	2.8	6
4	Biocompatible porous boron nitride nano/microrods with ultrafast selective adsorption for dyes. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104797.	3.3	21
5	Adhesion and friction performance of DLC/rubber: The influence of plasma pretreatment. <i>Friction</i> , 2021, 9, 627-641.	3.4	19
6	Controllable preparation of boron nitride quantum dots with small size and strong blue photoluminescence. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126181.	2.3	13
7	Hexagonal boron nitride quantum dots: Properties, preparation and applications. <i>Materials Today Chemistry</i> , 2021, 20, 100425.	1.7	18
8	Quasi-isotropically Thermal Conductive, Highly Transparent, Insulating and Superflexible Polymer Films Achieved by Cross Linked 2D Hexagonal Boron Nitride Nanosheets. <i>Small</i> , 2021, 17, e2101409.	5.2	49
9	Superhydrophobicity of polyvinylidene fluoride induced by integrating liquid-exfoliated hexagonal boron nitride nanosheets. <i>High Performance Polymers</i> , 2020, 32, 73-82.	0.8	6
10	Facile fabrication of Hildewintera-colademonis-like hexagonal boron nitride/carbon nanotube composite having light weight and enhanced microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 454-466.	5.0	43
11	Two dimensional cubic boron nitride nanosheets converted from hexagonal boron nitride bilayers: electrical conductivity, magnetism and visible absorption properties. <i>Chinese Journal of Physics</i> , 2020, 66, 534-542.	2.0	0
12	Reduction of interlayer friction between bilayer hexagonal boron nitride nanosheets induced by electron redistribution. <i>Journal of Applied Physics</i> , 2019, 126, 035104.	1.1	6
13	Simultaneous production and functionalization of hexagonal boron nitride nanosheets by solvent-free mechanical exfoliation for superlubricant water-based lubricant additives. <i>Npj 2D Materials and Applications</i> , 2019, 3, .	3.9	68
14	Ball Milling of Hexagonal Boron Nitride Microflakes in Ammonia Fluoride Solution Gives Fluorinated Nanosheets That Serve as Effective Water-Dispersible Lubricant Additives. <i>ACS Applied Nano Materials</i> , 2019, 2, 3187-3195.	2.4	92