

Tao Bai

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

319
citations

840776

11
h-index

888059

17
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18
all docs

18
docs citations

18
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the tribological performance of epoxy coatings by the synergistic effect between dehydrated ethylenediamine modified graphene and polytetrafluoroethylene. <i>Carbon</i> , 2019, 144, 481-491.	10.3	50
2	Influence of Al ₂ O ₃ whisker concentration on mechanical properties of WC-Al ₂ O ₃ whisker composite. <i>Ceramics International</i> , 2015, 41, 13685-13691.	4.8	44
3	Geniposide acutely stimulates insulin secretion in pancreatic β -cells by regulating GLP-1 receptor/cAMP signaling and ion channels. <i>Molecular and Cellular Endocrinology</i> , 2016, 430, 89-96.	3.2	35
4	Fabrication and mechanical properties of WC-Al ₂ O ₃ cemented carbide reinforced by CNTs. <i>Materials Chemistry and Physics</i> , 2017, 201, 113-119.	4.0	33
5	Improving the Tribological and Anticorrosion Performance of Waterborne Polyurethane Coating by the Synergistic Effect between Modified Graphene Oxide and Polytetrafluoroethylene. <i>Nanomaterials</i> , 2020, 10, 137.	4.1	30
6	Influence of VC and Cr ₃ C ₂ as grain growth inhibitors on WC-Al ₂ O ₃ composites prepared by hot press sintering. <i>International Journal of Refractory Metals and Hard Materials</i> , 2014, 45, 223-229.	3.8	29
7	Tribological Performance Studies of Waterborne Polyurethane Coatings with Aligned Modified Graphene Oxide@Fe ₃ O ₄ . <i>ACS Omega</i> , 2021, 6, 9243-9253.	3.5	18
8	Inhibition of voltage-gated potassium channels mediates uncarboxylated osteocalcin-regulated insulin secretion in rat pancreatic β cells. <i>European Journal of Pharmacology</i> , 2016, 777, 41-48.	3.5	15
9	The PLC/PKC/Ras/MEK/Kv channel pathway is involved in uncarboxylated osteocalcin-regulated insulin secretion in rats. <i>Peptides</i> , 2016, 86, 72-79.	2.4	15
10	PACAP stimulates insulin secretion by PAC1 receptor and ion channels in β -cells. <i>Cellular Signalling</i> , 2019, 61, 48-56.	3.6	13
11	Preparation and tribological properties of graphene/TiO ₂ ceramic films. <i>Ceramics International</i> , 2017, 43, 13299-13307.	4.8	12
12	Nano-tribological characteristics of lanthanum-based thin films on sulfonated self-assembled monolayer of 3-mercaptopropyl trimethoxysilane. <i>Journal of Rare Earths</i> , 2008, 26, 93-98.	4.8	6
13	Influence of TiO ₂ contents and sintering temperature on the microstructure and mechanical properties of WC-Al ₂ O ₃ cemented carbide reinforced by multi-wall carbon nanotubes. <i>Journal of Alloys and Compounds</i> , 2018, 745, 562-568.	5.5	6
14	Effect of process and nozzle structural parameters on the wrapping quality of core-spun yarns produced on a modified vortex spinning system. <i>Textile Research Journal</i> , 2021, 91, 1841-1856.	2.2	5
15	Inhibition of voltage-gated K ⁺ channels mediates docosahexaenoic acid-stimulated insulin secretion in rat pancreatic β -cells. <i>Food and Function</i> , 2020, 11, 8893-8904.	4.6	3
16	Effect of magnetic field on the tribological performance of waterborne polyurethane coatings with magnetized graphene oxide. <i>Progress in Organic Coatings</i> , 2022, 167, 106839.	3.9	3
17	Preparation of High Hardness Transparent Coating with Controllable Refractive Index by Sol-Gel Technology. <i>Coatings</i> , 2020, 10, 690.	2.6	2
18	Preparation and Properties of Graphene/TiO ₂ Thin Films. <i>Applied Mechanics and Materials</i> , 2015, 778, 136-139.	0.2	0