Huirong Le

List of Publications by Year in descending order

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27 papers	592 citations	623734 14 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	846 citing authors

#	Article	IF	Citations
1	An efficient biomimetic process for fabrication of artificial nacre with ordered-nanostructure. Materials Science and Engineering C, 2008, 28, 218-222.	7.3	79
2	Anodised TiO2 nanotubes as a scaffold for antibacterial silver nanoparticles on titanium implants. Materials Science and Engineering C, 2018, 91, 638-644.	7.3	62
3	Antibacterial properties of silver nanoparticles grown in situ and anchored to titanium dioxide nanotubes on titanium implant against Staphylococcus aureus. Nanotoxicology, 2020, 14, 97-110.	3.0	60
4	The biocompatibility of silver and nanohydroxyapatite coatings on titanium dental implants with human primary osteoblast cells. Materials Science and Engineering C, 2020, 107, 110210.	7.3	50
5	Multi-scale modelling of moisture diffusion coupled with stress distribution in CFRP laminated composites. Composite Structures, 2016, 138, 295-304.	5.8	48
6	Moisture effects on the bending fatigue of laminated composites. Composite Structures, 2016, 154, 49-60.	5.8	36
7	Multilayered composite coatings of titanium dioxide nanotubes decorated with zinc oxide and hydroxyapatite nanoparticles: controlled release of Zn and antimicrobial properties against Staphylococcus aureus . International Journal of Nanomedicine, 2019, Volume 14, 3583-3600.	6.7	24
8	1D hierarchical CdS NPs/NiO NFs heterostructures with enhanced photocatalytic activity under visible light irradiation. Advanced Powder Technology, 2020, 31, 3158-3167.	4.1	23
9	Satellite-like CdS nanoparticles anchoring onto porous NiO nanoplates for enhanced visible-light photocatalytic properties. Materials Letters, 2018, 224, 75-77.	2.6	20
10	Microwave-assisted controllable synthesis of hierarchical CuS nanospheres displaying fast and efficient photocatalytic activities. Journal of Materials Science, 2018, 53, 14250-14261.	3.7	20
11	Effects of the graphene nanoplatelets reinforced interphase on mechanical properties of carbon fibre reinforced polymer â€“ A multiscale modelling study. Composites Part B: Engineering, 2019, 177, 107097.	12.0	20
12	Construction of 0D/2D CuO/BiOBr hierarchical heterojunction for the enhanced photocatalytic degradation of benzene-containing pollutants under visible light. Journal of Environmental Chemical Engineering, 2022, 10, 107365.	6.7	19
13	Carbon Nanotube Reinforced Hydroxyapatite Nanocomposites As Bone Implants: Nanostructure, Mechanical Strength And Biocompatibility . International Journal of Nanomedicine, 2019, Volume 14, 7947-7962.	6.7	15
14	Synthesis and characterization of tungsten and barium co-doped La2Mo2O9 by sol-gel process for solid oxide fuel cells. Journal of Rare Earths, 2019, 37, 984-988.	4.8	15
15	Mechanical properties and tribological behaviour of electroless Niâ€“Pâ€“Cu coatings on corrosion-resistant alloys under ultrahigh contact stress with sprayed nanoparticles. Tribology International, 2019, 139, 59-66.	5.9	14
16	Mechanical property and biocompatibility of co-precipitated nano hydroxyapatiteâ€“gelatine composites. Journal of Advanced Ceramics, 2015, 4, 237-243.	17.4	13
17	A Review of In-Situ Grown Nanocomposite Coatings for Titanium Alloy Implants. Journal of Composites Science, 2020, 4, 41.	3.0	13
18	Property evolution of geopolymer composites with SiC whiskers loaded with BN coating at elevated temperatures. Construction and Building Materials, 2021, 309, 125130.	7.2	10

#	Article	IF	Citations
19	Effects of surface modification and graphene nanoplatelet reinforcement on adhesive joint of aluminium alloys. International Journal of Adhesion and Adhesives, 2020, 99, 102591.	2.9	10
20	Facile template-free synthesis of hierarchically porous NiO hollow architectures with high-efficiency adsorptive removal of Congo red. Journal of Porous Materials, 2019, 26, 1743-1753.	2.6	8
21	Non-Cyanide Electrodeposited Agâ€“PTFE Composite Coating Using Direct or Pulsed Current Deposition. Coatings, 2016, 6, 31.	2.6	6
22	Evaluation of environmental friendly Ag-PTFE composite coating for use in threaded compression fittings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 503-512.	1.8	6
23	3D multilayered Bi ₄ O ₅ Br ₂ nanoshells displaying excellent visible light photocatalytic degradation behaviour for resorcinol. Micro and Nano Letters, 2018, 13, 1121-1125.	1.3	6
24	Mechanical and Thermal Properties of Phosphoric Acid Activated Geopolymer Materials Reinforced with Mullite Fibers. Materials, 2022, 15, 4185.	2.9	6
25	Surface engineering of carbon fibre/epoxy composites with woven steel mesh for adhesion strength enhancement. International Journal of Adhesion and Adhesives, 2022, 114, 103105.	2.9	5
26	Electrochemical synthesis and properties of layer-structured polypyrrole/montmorillonite nanocomposite films. Journal of Materials Research, 2010, 25, 658-664.	2.6	3
27	Tribological properties of nanoclay reinforced polyimide nanocomposite coatings for alloy steels. International Journal of Applied Ceramic Technology, 2017, 14, 1013-1019.	2.1	1