

Xinbo Xiong

List of Publications by Year in descending order

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25
papers

350
citations

933447

10
h-index

794594

19
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all docs

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docs citations

25
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Visible Light Driven Photocatalytic Behavior of BiFeO ₃ /Reduced Graphene Oxide Composites. <i>Nanomaterials</i> , 2018, 8, 526.	4.1	57
2	Monolayer W _x Mo _{1-x} S ₂ Grown by Atmospheric Pressure Chemical Vapor Deposition: Bandgap Engineering and Field Effect Transistors. <i>Advanced Functional Materials</i> , 2017, 27, 1606469.	14.9	48
3	Strong bonding strength between HA and (NH ₄) ₂ S ₂ O ₈ -treated carbon/carbon composite by hydrothermal treatment and induction heating. <i>Acta Biomaterialia</i> , 2009, 5, 1785-1790.	8.3	37
4	Photocatalytic Performance of a Novel MOF/BiFeO ₃ Composite. <i>Materials</i> , 2017, 10, 1161.	2.9	33
5	Preparation of enhanced HA coating on H ₂ O ₂ -treated carbon/carbon composite by induction heating and hydrothermal treatment methods. <i>Materials Chemistry and Physics</i> , 2009, 114, 434-438.	4.0	27
6	Fabrication of Novel ZIF-8@BiVO ₄ Composite with Enhanced Photocatalytic Performance. <i>Crystals</i> , 2018, 8, 432.	2.2	27
7	Polyvinyl Alcohol/Graphene Oxide Interlayer for Enhancing Adhesive Performance of HA Coating on C/C Composites Prepared by Hydrothermal Electrodeposition/Hydrothermal Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55710-55722.	8.0	13
8	Enhanced visible-active photocatalytic behaviors observed in Mn-doped BiFeO ₃ . <i>Modern Physics Letters B</i> , 2018, 32, 1850185.	1.9	11
9	Effect of stress layer on thermal properties of SnSe ₂ few layers. <i>Journal of Alloys and Compounds</i> , 2019, 783, 226-231.	5.5	11
10	Low temperature preparation of SiO ₂ reinforced hydroxyapatite coating on carbon/carbon composites. <i>Journal of Alloys and Compounds</i> , 2019, 788, 768-778.	5.5	11
11	Preparation of hydroxyapatite coating using chemical liquid vaporization deposition on carbon/carbon composites. <i>RSC Advances</i> , 2014, 4, 41129-41134.	3.6	10
12	A Novel Strategy for Preparation of Si-HA Coatings on C/C Composites by Chemical Liquid Vaporization Deposition/Hydrothermal Treatments. <i>Scientific Reports</i> , 2016, 6, 31309.	3.3	10
13	Synthesis of LiFePO ₄ in situ vapor-grown carbon fiber (VGCF) composite cathode material via microwave pyrolysis chemical vapor deposition. <i>Science Bulletin</i> , 2011, 56, 1832-1835.	1.7	8
14	Preparation of HA/Gelatin coatings on C/C composites via modified electrocrystallization/posthydrothermal treatments. <i>Journal of Alloys and Compounds</i> , 2019, 778, 566-575.	5.5	7
15	A simplified process for preparing adhesive hydroxyapatite coatings on carbon/carbon composites. <i>Surface and Coatings Technology</i> , 2019, 377, 124925.	4.8	6
16	The effect of electromagnetic heating frequencies on CaHPO ₄ coatings deposited on the C/C by induction heating deposition technology. <i>Surface and Coatings Technology</i> , 2015, 275, 69-74.	4.8	5
17	Ni(OH) ₂ @NiO@NiF Compound Film on Nickel with Superior Pseudocapacitive Performance Prepared by Anodization and Post-hydrothermal Treatment Methods. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 739-746.	3.7	5
18	Deposition of calcium phosphate coatings using condensed phosphates (P ₂ O ₇ ⁴⁻ and P ₃ O ₁₀ ⁵⁻) as phosphate source through induction heating. <i>Materials Science and Engineering C</i> , 2016, 69, 337-342.	7.3	5

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19	In situ two-step electrochemical preparation of fluoride-free nickel-based compound film on nickel plate for supercapacitors. <i>Rare Metals</i> , 2016, 35, 930-936.	7.1	5
20	Nanoporous copper sonocatalysts prepared by dealloying Cu-Al-Ti amorphous ribbons. <i>Materials Science and Technology</i> , 2020, 36, 1083-1091.	1.6	5
21	Structure and oxidation behavior of a plasma sprayed yttrium silicates coated SiC-C/C with a glass outer sealant from 1 573K to 1 873K. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 33-37.	1.0	4
22	Individual humeral head replacement by C/C composite implants coated with hydroxyapatite via rotation plasma spraying. <i>Science and Engineering of Composite Materials</i> , 2015, 22, 325-330.	1.4	3
23	Preparation of bioactive calcium phosphate coating on porous C/C substrate by a novel deposition technique. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 486-489.	1.0	1
24	Coatings of needle/stripe-like fluoridated hydroxyapatite on H ₂ O ₂ -treated carbon/carbon composites prepared by induction heating and hydrothermal methods. <i>Frontiers of Materials Science</i> , 2012, 6, 160-167.	2.2	1
25	Fabrication of dimension controlled BiFeO ₃ microcrystal. <i>Modern Physics Letters B</i> , 2019, 33, 1950125.	1.9	0