

Xiaohu Ren

List of Publications by Year in descending order

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18
papers

773
citations

759233

12
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839539

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times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of CaCO ₃ addition on the performance of lightweight Al ₂ O ₃ –MgAl ₂ O ₄ refractories with gradient density. International Journal of Applied Ceramic Technology, 2022, 19, 1511-1517.	2.1	2
2	All-yarn triboelectric nanogenerator and supercapacitor based self-charging power cloth for wearable applications. Nanotechnology, 2021, 32, 315404.	2.6	22
3	Effect of alumina bubbles with and without Al ₂ O ₃ coatings on the performance of lightweight Al ₂ O ₃ –MgAl ₂ O ₄ refractories. International Journal of Applied Ceramic Technology, 2020, 17, 2622-2628.	2.1	3
4	The tunable microwave absorption properties of the Co ₂ +Zr ⁴⁺ -substituted Co ₂ W-type hexagonal ferrites. Journal of Materials Science: Materials in Electronics, 2020, 31, 20908-20918.	2.2	7
5	Different Enhancement Mechanisms of the Anodizing Al-doped or Sn-coupled Ti ₃ SiC ₂ for the Photoelectrochemical Performance. ChemistrySelect, 2020, 5, 1496-1505.	1.5	1
6	A Simple Absorbent Cotton Biotemplate to Fabricate SnO ₂ Porous Microtubules and Their Gas-Sensing Properties for Chlorine. ACS Sustainable Chemistry and Engineering, 2019, 7, 147-155.	6.7	42
7	Coaxial rotatory-freestanding triboelectric nanogenerator for effective energy scavenging from wind. Smart Materials and Structures, 2018, 27, 065016.	3.5	15
8	Room temperature synthesis and enhanced photocatalytic property of CeO ₂ /ZnO heterostructures. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	36
9	Unusual devisable high-performance perovskite materials obtained by engineering in twins, domains, and antiphase boundaries. Inorganic Chemistry Frontiers, 2018, 5, 568-576.	6.0	10
10	Hydrothermally Induced Oxygen Doping of Graphitic Carbon Nitride with a Highly Ordered Architecture and Enhanced Photocatalytic Activity. ChemSusChem, 2018, 11, 700-708.	6.8	96
11	Triboelectric Nanogenerators Based on Fluorinated Wasted Rubber Powder for Self-Powering Application. ACS Sustainable Chemistry and Engineering, 2017, 5, 1957-1964.	6.7	53
12	Magnetic force driven noncontact electromagnetic-triboelectric hybrid nanogenerator for scavenging biomechanical energy. Nano Energy, 2017, 35, 233-241.	16.0	102
13	Novel sintering and band gap engineering of ZnTiO ₃ ceramics with excellent microwave dielectric properties. Journal of Materials Chemistry C, 2017, 5, 4040-4047.	5.5	62
14	Lead-free Bi _{5-2x} La _x Ti ₃ FeO ₁₅ (x = 0, 1) nanofibers toward wool keratin-based biocompatible piezoelectric nanogenerators. Journal of Materials Chemistry C, 2016, 4, 7324-7331.	5.5	35
15	Microwave absorption properties of double-layer absorber based on carbonyl iron/barium hexaferrite composites. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	36
16	Flexible Lead-Free BiFeO ₃ /PDMS-Based Nanogenerator as Piezoelectric Energy Harvester. ACS Applied Materials & Interfaces, 2016, 8, 26190-26197.	8.0	203
17	Enhanced Microwave Absorbing Properties of La ³⁺ Substituting Barium Hexaferrite. Journal of Superconductivity and Novel Magnetism, 2016, 29, 803-808.	1.8	35
18	Permeability and electromagnetic wave absorption properties of sintered barium hexaferrites with substitution of Co ₂ +Zr ⁴⁺ . Journal of Materials Science: Materials in Electronics, 2016, 27, 772-775.	2.2	13