Shufang Ren

List of Publications by Year
in descending order

37	603	566801 15	642321 23
papers	citations	h-index	g-index

37	37	37	432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coâ€“N Active Sites between Co Nanoparticles and N-Doped Carbon toward Remarkably Enhanced Electrocatalytic Oxygen Evolution and Hydrogen Evolution Reactions. Energy & Fuels, 2022, 36, 1688-1696.	2.5	8
2	Construction of a sensitive electrochemical sensor based on hybrid 1ÂT/2H MoS2 nanoflowers anchoring on rGO nanosheets for the voltammetric determination of acetaminophen. Microchemical Journal, 2022, 175, 107129.	2.3	6
3	Defect-mediated successive ionic layer adsorption and reaction for constructing Sb2Te3/Ag2S heterojunction to boost hydrogen evolution reaction performance. Fuel, 2022, 315, 123242.	3.4	4
4	Role of V doping in coreâ€“shell heterostructured Bi2Te3/Sb2Te3 for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 21361-21368.	3.8	3
5	Tungsten doping generated Mo2C-MoC heterostructure to improve HER performance in alkaline solution. Electrochimica Acta, 2021, 370, 137796.	2.6	24
6	Synergistic Catalytic Acceleration of MXene/MWCNTs as Decorating Materials for Ultrasensitive Detection of Morphine. Electroanalysis, 2021, 33, 1471-1483.	1.5	15
7	Defect Engineering of Sb₂Te₃ through Different Doses of Ion Irradiation to Boost Hydrogen Evolution Reaction Performance. ACS Applied Energy Materials, 2021, 4, 8465-8474.	2.5	7
8	Perspective and application of modified electrode material technology in electrochemical voltammetric sensors for analysis and detection of illicit drugs. Sensors and Actuators A: Physical, 2021, 329, 112821.	2.0	24
9	Tribological Behavior of Ti3SiC2 against Si3N4 and Al2O3 in Flowing and Nonflowing Ethanol. Tribology Transactions, 2020, 63, 336-344.	1.1	1
10	One-pot synthesis of NiCoP/CNTs composites for lithium ion batteries and hydrogen evolution reaction. Ionics, 2020, 26, 1771-1778.	1.2	14
11	Se Doping Regulates the Activity of NiTe₂ for Electrocatalytic Hydrogen Evolution Reaction. Journal of Physical Chemistry C, 2020, 124, 26793-26800.	1.5	12
12	Iron ion irradiated Bi₂Te₃ nanosheets with defects and regulated hydrophilicity to enhance the hydrogen evolution reaction. Nanoscale, 2020, 12, 16208-16214.	2.8	16
13	2D DUT-8(Ni)-derived Ni@C nanosheets for efficient hydrogen evolution. Journal of Solid State Electrochemistry, 2020, 24, 2461-2467.	1.2	8
14	Phosphorus-doped CoTe₂/C nanoparticles create new Coâ€“P active sites to promote the hydrogen evolution reaction. Nanoscale, 2020, 12, 9171-9177.	2.8	25
15	Influence of composition and microstructure on the tribological property of SPS sintered MCrAlY alloys at elevated temperatures. Journal of Alloys and Compounds, 2018, 740, 790-800.	2.8	21
16	Effect of copper molybdate on the lubricating properties of NiCrAlY laser clad coating at elevated temperatures. Surface and Coatings Technology, 2017, 313, 328-336.	2.2	31
17	Phase transformation and tribological properties of Ag-MoO 3 contained NiCrAlY based composite coatings fabricated by laser cladding. Optics and Laser Technology, 2017, 93, 79-86.	2.2	15
18	3 Tribological Behavior and Tribochemistry of Ti₃SiC₂ in Water and Alcohols. , 2017, , 65-72.		0

#	Article	IF	Citations
19	Influence of Cu on the mechanical and tribological properties of Ti 3 SiC 2. Ceramics International, 2016, 42, 9972-9980.	2.3	50
20	Tribological behavior of Ti 3 SiC 2 and Ti 3 SiC 2 /Pb composites sliding against Ni-based alloys at elevated temperatures. Ceramics International, 2016, 42, 7107-7117.	2.3	11
21	Effect of silver vanadate on the lubricating properties of NiCrAlY laser cladding coating at elevated temperatures. Surface and Coatings Technology, 2016, 307, 136-145.	2.2	28
22	The tribological properties of Ti3SiC2/Cu/Al/SiC composite at elevated temperatures. Tribology International, 2016, 104, 294-302.	3.0	27
23	Tribological properties of laser cladding NiAl intermetallic compound coatings at elevated temperatures. Tribology International, 2016, 104, 321-327.	3.0	43
24	Synthesis and characterization of spark plasma sintered Ti3SiC2/Pb composites. Ceramics International, 2015, 41, 10380-10386.	2.3	13
25	Tribological Behavior of Self-mated Ti3SiC2 in Short-Chain n-Alcohols, Glycol and Glycerol under Boundary Lubrication. Tribology Letters, 2014, 55, 421-428.	1.2	6
26	Tribochemistry of Ti3SiC2/Si3N4 tribopair in ethanol. Tribology International, 2014, 74, 174-180.	3.0	10
27	Phase Evolution of <scp><scp>Ti₃SiC₂</scp></scp> Annealing in Vacuum at Elevated Temperatures. International Journal of Applied Ceramic Technology, 2013, 10, 527-539.	1.1	23
28	Tribological Behavior and Tribochemistry of Self-mated Ti3SiC2 in Ethanol. Tribology Letters, 2013, 50, 449-455.	1.2	7
29	Preparation of <scp>F</scp>e₃<scp>S</scp>â€<scp>A</scp>l₂<scp>O</scp>₃ Nanocomposite Powders by Mechanochemical Reaction of <scp>F</scp>e₃<scp>O</scp>₄â€<scp>S</scp>â€<scp>A</scp>l Powder Mixtures. International Journal of Applied Ceramic Technology, 2013, 10, 999-007.	1.1	3
30	Tribo-oxidation of Self-mated Ti3SiC2 at Elevated Temperatures and Low Speed. Tribology Letters, 2012, 48, 425-432.	1.2	21
31	Tribo-corrosion behaviors of Ti3SiC2/Si3N4 tribo-pair in hydrochloric acid and sodium hydroxide solutions. Wear, 2012, 274-275, 8-14.	1.5	26
32	Friction and Wear of Thermal Oxidation-Treated Ti3SiC2. Tribology Letters, 2010, 37, 59-67.	1.2	10
33	Tribo-physical and tribo-chemical aspects of WC-based cermet/Ti3SiC2 tribo-pair at elevated temperatures. Tribology International, 2010, 43, 512-517.	3.0	19
34	Tribocorrosion behavior of Ti3SiC2 in the dilute and concentrated sulfuric acid solutions. Wear, 2010, 269, 50-59.	1.5	21
35	Carbon coating with combined super-hydrophobic and self-lubricating properties on titanium silicon carbide. Carbon, 2009, 47, 629-634.	5.4	13
36	Super-Hydrophobic and Self-Lubricating Carbon Coating on Ti3SiC2. , 2009, , 750-751.		0

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37	Tribological Behavior of Ti3SiC2 Sliding Against Ni-based Alloys at Elevated Temperatures. Tribology Letters, 2008, 31, 129-137.	1.2	38