

Shufang Ren

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of Cu on the mechanical and tribological properties of Ti ₃ SiC ₂ . <i>Ceramics International</i> , 2016, 42, 9972-9980.	2.3	50
2	Tribological properties of laser cladding NiAl intermetallic compound coatings at elevated temperatures. <i>Tribology International</i> , 2016, 104, 321-327.	3.0	43
3	Tribological Behavior of Ti ₃ SiC ₂ Sliding Against Ni-based Alloys at Elevated Temperatures. <i>Tribology Letters</i> , 2008, 31, 129-137.	1.2	38
4	Effect of copper molybdate on the lubricating properties of NiCrAlY laser clad coating at elevated temperatures. <i>Surface and Coatings Technology</i> , 2017, 313, 328-336.	2.2	31
5	Effect of silver vanadate on the lubricating properties of NiCrAlY laser cladding coating at elevated temperatures. <i>Surface and Coatings Technology</i> , 2016, 307, 136-145.	2.2	28
6	The tribological properties of Ti ₃ SiC ₂ /Cu/Al/SiC composite at elevated temperatures. <i>Tribology International</i> , 2016, 104, 294-302.	3.0	27
7	Tribo-corrosion behaviors of Ti ₃ SiC ₂ /Si ₃ N ₄ tribo-pair in hydrochloric acid and sodium hydroxide solutions. <i>Wear</i> , 2012, 274-275, 8-14.	1.5	26
8	Phosphorus-doped CoTe ₂ /C nanoparticles create new Co-P active sites to promote the hydrogen evolution reaction. <i>Nanoscale</i> , 2020, 12, 9171-9177.	2.8	25
9	Tungsten doping generated Mo ₂ C-MoC heterostructure to improve HER performance in alkaline solution. <i>Electrochimica Acta</i> , 2021, 370, 137796.	2.6	24
10	Perspective and application of modified electrode material technology in electrochemical voltammetric sensors for analysis and detection of illicit drugs. <i>Sensors and Actuators A: Physical</i> , 2021, 329, 112821.	2.0	24
11	Phase Evolution of Ti ₃ SiC ₂ Annealing in Vacuum at Elevated Temperatures. <i>International Journal of Applied Ceramic Technology</i> , 2013, 10, 527-539.	1.1	23
12	Tribocorrosion behavior of Ti ₃ SiC ₂ in the dilute and concentrated sulfuric acid solutions. <i>Wear</i> , 2010, 269, 50-59.	1.5	21
13	Tribo-oxidation of Self-mated Ti ₃ SiC ₂ at Elevated Temperatures and Low Speed. <i>Tribology Letters</i> , 2012, 48, 425-432.	1.2	21
14	Influence of composition and microstructure on the tribological property of SPS sintered MCrAlY alloys at elevated temperatures. <i>Journal of Alloys and Compounds</i> , 2018, 740, 790-800.	2.8	21
15	Tribo-physical and tribo-chemical aspects of WC-based cermet/Ti ₃ SiC ₂ tribo-pair at elevated temperatures. <i>Tribology International</i> , 2010, 43, 512-517.	3.0	19
16	Iron ion irradiated Bi ₂ Te ₃ nanosheets with defects and regulated hydrophilicity to enhance the hydrogen evolution reaction. <i>Nanoscale</i> , 2020, 12, 16208-16214.	2.8	16
17	Phase transformation and tribological properties of Ag-MoO ₃ contained NiCrAlY based composite coatings fabricated by laser cladding. <i>Optics and Laser Technology</i> , 2017, 93, 79-86.	2.2	15
18	Synergistic Catalytic Acceleration of MXene/MWCNTs as Decorating Materials for Ultrasensitive Detection of Morphine. <i>Electroanalysis</i> , 2021, 33, 1471-1483.	1.5	15

#	ARTICLE	IF	CITATIONS
19	One-pot synthesis of NiCoP/CNTs composites for lithium ion batteries and hydrogen evolution reaction. <i>Ionics</i> , 2020, 26, 1771-1778.	1.2	14
20	Carbon coating with combined super-hydrophobic and self-lubricating properties on titanium silicon carbide. <i>Carbon</i> , 2009, 47, 629-634.	5.4	13
21	Synthesis and characterization of spark plasma sintered Ti ₃ SiC ₂ /Pb composites. <i>Ceramics International</i> , 2015, 41, 10380-10386.	2.3	13
22	Se Doping Regulates the Activity of NiTe ₂ for Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26793-26800.	1.5	12
23	Tribological behavior of Ti ₃ SiC ₂ and Ti ₃ SiC ₂ /Pb composites sliding against Ni-based alloys at elevated temperatures. <i>Ceramics International</i> , 2016, 42, 7107-7117.	2.3	11
24	Friction and Wear of Thermal Oxidation-Treated Ti ₃ SiC ₂ . <i>Tribology Letters</i> , 2010, 37, 59-67.	1.2	10
25	Tribochemistry of Ti ₃ SiC ₂ /Si ₃ N ₄ tribopair in ethanol. <i>Tribology International</i> , 2014, 74, 174-180.	3.0	10
26	2D DUT-8(Ni)-derived Ni@C nanosheets for efficient hydrogen evolution. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2461-2467.	1.2	8
27	Co ²⁺ Active Sites between Co Nanoparticles and N-Doped Carbon toward Remarkably Enhanced Electrocatalytic Oxygen Evolution and Hydrogen Evolution Reactions. <i>Energy & Fuels</i> , 2022, 36, 1688-1696.	2.5	8
28	Tribological Behavior and Tribochemistry of Self-mated Ti ₃ SiC ₂ in Ethanol. <i>Tribology Letters</i> , 2013, 50, 449-455.	1.2	7
29	Defect Engineering of Sb ₂ Te ₃ through Different Doses of Ion Irradiation to Boost Hydrogen Evolution Reaction Performance. <i>ACS Applied Energy Materials</i> , 2021, 4, 8465-8474.	2.5	7
30	Tribological Behavior of Self-mated Ti ₃ SiC ₂ in Short-Chain n-Alcohols, Glycol and Glycerol under Boundary Lubrication. <i>Tribology Letters</i> , 2014, 55, 421-428.	1.2	6
31	Construction of a sensitive electrochemical sensor based on hybrid 1Å/2H MoS ₂ nanoflowers anchoring on rGO nanosheets for the voltammetric determination of acetaminophen. <i>Microchemical Journal</i> , 2022, 175, 107129.	2.3	6
32	Defect-mediated successive ionic layer adsorption and reaction for constructing Sb ₂ Te ₃ /Ag ₂ S heterojunction to boost hydrogen evolution reaction performance. <i>Fuel</i> , 2022, 315, 123242.	3.4	4
33	Preparation of Fe ₃ S ₂ ·nH ₂ O@Al ₂ O ₃ Nanocomposite Powders by Mechanochemical Reaction of Fe ₃ O ₄ ·nH ₂ O@Al Powder Mixtures. <i>International Journal of Applied Ceramic Technology</i> , 2013, 10, 900-907.	1.1	3
34	Role of V doping in core-shell heterostructured Bi ₂ Te ₃ /Sb ₂ Te ₃ for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 21361-21368.	3.8	3
35	Tribological Behavior of Ti ₃ SiC ₂ against Si ₃ N ₄ and Al ₂ O ₃ in Flowing and Nonflowing Ethanol. <i>Tribology Transactions</i> , 2020, 63, 336-344.	1.1	1
36	3 Tribological Behavior and Tribochemistry of Ti ₃ SiC ₂ in Water and Alcohols. , 2017, , 65-72.		0

#	ARTICLE	IF	CITATIONS
37	Super-Hydrophobic and Self-Lubricating Carbon Coating on Ti ₃ SiC ₂ . , 2009, , 750-751.		0