Zhen-Xia Wang

List of Publications by Year
in descending order

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11 papers	137 citations	1478505 6 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	236 citing authors

#	Article	IF	Citations
1	Surface Texturing-Plasma Nitriding Duplex Treatment for Improving Tribological Performance of AISI 316 Stainless Steel. Materials, 2016, 9, 875.	2.9	30
2	Surface damage mitigation of titanium and its alloys via thermal oxidation: A brief review. Reviews on Advanced Materials Science, 2019, 58, 132-146.	3.3	27
3	Preparation of Tiâ€“Nbâ€“Taâ€“Zr alloys for load-bearing biomedical applications. Rare Metals, 2019, 38, 571-576.	7.1	27
4	WO₃ Mesoporous Nanobelts towards Efficient Photoelectrocatalysts for Water Splitting. ChemElectroChem, 2018, 5, 322-327.	3.4	25
5	Microstructure and wear behavior of Ti-6Al-4V treated by plasma Zr-alloying and plasma nitriding. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1086-1092.	1.0	12
6	THERMAL OXIDATION OF Ti6Al4V ALLOY WITH ENHANCED WEAR AND CORROSION RESISTANCE FOR OIL AND GAS APPLICATION: EFFECT OF TEMPERATURE. Surface Review and Letters, 2015, 22, 1550033.	1.1	8
7	SURFACE Nb-ALLOYING ON 0.4Câ€“13Cr STAINLESS STEEL: MICROSTRUCTURE AND TRIBOLOGICAL BEHAVIOR. Surface Review and Letters, 2016, 23, 1650017.	1.1	4
8	RESEARCH STATUS OF DRY FRICTION BEHAVIOR OF METALLIC MATERIALS: A BRIEF REVIEW. Surface Review and Letters, 2020, 27, 2030003.	1.1	2
9	Wear and corrosion properties of Mo surface-modified layer in TiNi alloy prepared by plasma surface alloying. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 910-917.	1.0	1
10	FRICTION AND WEAR BEHAVIORS OF Ti6Al4V ALLOY TREATED BY PLASMA Ni ALLOYING. Surface Review and Letters, 2018, 25, 1850096.	1.1	1
11	Tribological and impact fatigue behaviors of pure titanium treated by plasma Ni alloying. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 427-431.	1.0	0