

Shaojun Qi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

291
citations

932766

10
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation and electrical behavior of ferritic stainless steel interconnect with Fe-Co-Ni coating by electroplating. <i>Journal of Power Sources</i> , 2012, 215, 274-278.	4.0	46
2	Fabrication and characterisation of electro-brush plated nickel-graphene oxide nano-composite coatings. <i>Thin Solid Films</i> , 2017, 644, 106-114.	0.8	40
3	Electroplated Ni-Fe ₂ O ₃ composite coating for solid oxide fuel cell interconnect application. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 10850-10856.	3.8	36
4	Reduced friction and wear of electro-brush plated nickel composite coatings reinforced by graphene oxide. <i>Wear</i> , 2019, 426-427, 228-238.	1.5	29
5	Improving the macro-scale tribology of monolayer graphene oxide coating on stainless steel by a silane bonding layer. <i>Materials Letters</i> , 2017, 209, 15-18.	1.3	27
6	Reducing and multiple-element doping of graphene oxide using active screen plasma treatments. <i>Carbon</i> , 2015, 95, 338-346.	5.4	24
7	Plasma Surface Functionalization of Carbon Nanofibres with Silver, Palladium and Platinum Nanoparticles for Cost-Effective and High-Performance Supercapacitors. <i>Micromachines</i> , 2019, 10, 2.	1.4	19
8	Sub-micron structuring/texturing of diamond-like carbon-coated replication masters with a femtosecond laser. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	14
9	Active-screen plasma multi-functionalization of graphene oxide for supercapacitor application. <i>Journal of Materials Science</i> , 2021, 56, 3296-3311.	1.7	14
10	Enhanced discharge energy density of rGO/PVDF nanocomposites: The role of the heterointerface. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	10
11	Modelling ultrafast laser structuring/texturing of freeform surfaces. <i>Applied Surface Science Advances</i> , 2020, 2, 100036.	2.9	10
12	Effect of columnar nano-grain structure on the oxidation behavior of low-Cr Fe-Co-Ni base alloy in air at 800°C. <i>Materials Letters</i> , 2012, 80, 33-36.	1.3	8
13	Synthesis and characterization of polyurethane/reduced graphene oxide composite deposited on steel. <i>Journal of Coatings Technology Research</i> , 2018, 15, 1371-1377.	1.2	8