

# Shaojun Qi

## List of Publications by Year in descending order

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