Qilong Yuan

List of Publications by Year
in descending order

15 papers	484 citations	840776 11 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	704 citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification on copper particles toward graphene reinforced copper matrix composites for electrical engineering application. Journal of Alloys and Compounds, 2022, 891, 162058.	5.5	13
2	A Spiral Graphene Framework Containing Highly Ordered Graphene Microtubes for Polymer Composites with Superior <scp>Through‑Plane</scp> Thermal Conductivity. Chinese Journal of Chemistry, 2022, 40, 329-336.	4.9	11
3	Enhanced Electromagnetic Shielding and Thermal Conductive Properties of Polyolefin Composites with a $Ti_3C_2T_x$ MXene/Graphene Framework Connected by a Hydrogen-Bonded Interface. ACS Nano, 2022, 16, 9254-9266.	14.6	54
4	Significant enhancement of corrosion resistance of stainless steel with nanostructured carbon coatings by substrate-catalytic CVD. Applied Nanoscience (Switzerland), 2021, 11, 725-733.	3.1	4
5	Efficient monolithic diamond Raman yellow laser at 572.5Ânm. Optical Materials, 2021, 114, 110912.	3.6	7
6	Optical Properties of Bulk Single-Crystal Diamonds at 80â€"1200 K by Vibrational Spectroscopic Methods. Materials, 2021, 14, 7435.	2.9	5
7	Single-Step Formation of Ni Nanoparticle-Modified Grapheneâ€"Diamond Hybrid Electrodes for Electrochemical Glucose Detection. Sensors, 2019, 19, 2979.	3.8	18
8	A Diamond Temperature Sensor Based on the Energy Level Shift of Nitrogen-Vacancy Color Centers. Nanomaterials, 2019, 9, 1576.	4.1	26
9	Sensitivity enhancement of potassium ion (K+) detection based on graphene field-effect transistors with surface plasma pretreatment. Sensors and Actuators B: Chemical, 2019, 285, 333-340.	7.8	40
10	All-carbon devices based on sp2-on-sp3 configuration. APL Materials, 2019, 7, .	5.1	29
11	Highly stable and regenerative grapheneâ€"diamond hybrid electrochemical biosensor for fouling target dopamine detection. Biosensors and Bioelectronics, 2018, 111, 117-123.	10.1	112
12	Large-area self-assembled reduced graphene oxide/electrochemically exfoliated graphene hybrid films for transparent electrothermal heaters. Applied Surface Science, 2018, 435, 809-814.	6.1	77
13	Electrochemical Enantiomer Recognition Based on sp3-to-sp2 Converted Regenerative Graphene/Diamond Electrode. Nanomaterials, 2018, 8, 1050.	4.1	11
14	Label-Free Electrochemical Detection of Vanillin through Low-Defect Graphene Electrodes Modified with Au Nanoparticles. Materials, 2018, 11, 489.	2.9	20
15	High quality graphene films with a clean surface prepared by an UV/ozone assisted transfer process. Journal of Materials Chemistry C, 2017, 5, 1880-1884.	5.5	54