

Mariusz Radtke

List of Publications by Year in descending order

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331
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nanoscale sensing based on nitrogen vacancy centers in single crystal diamond and nanodiamonds: achievements and challenges. Nano Futures, 2019, 3, 042004. | 2.2 | 41 |
| 2 | Toward wafer-scale diamond nano- and quantum technologies. APL Materials, 2019, 7, . | 5.1 | 29 |
| 3 | Electrochemical stability of the polymer-derived nitrogen-doped carbon: an elusive goal?. Materials for Renewable and Sustainable Energy, 2015, 4, 1. | 3.6 | 22 |
| 4 | Near-Field Energy Transfer between a Luminescent 2D Material and Color Centers in Diamond. Advanced Quantum Technologies, 2020, 3, 1900088. | 3.9 | 16 |
| 5 | Electrodeposited palladium on MWCNTs as "semi-soluble heterogeneous" catalyst for cross-coupling reactions. Tetrahedron Letters, 2015, 56, 4084-4087. | 1.4 | 14 |
| 6 | Grafting of the carbon allotropes and polypyrrole via a Kevlar-type organic linker: the correlation of carbon structure/morphology with electrochemistry of the composite electrode. Materials for Renewable and Sustainable Energy, 2017, 6, 1. | 3.6 | 11 |
| 7 | Reliable Nanofabrication of Single-Crystal Diamond Photonic Nanostructures for Nanoscale Sensing. Micromachines, 2019, 10, 718. | 2.9 | 11 |
| 8 | Plasma treatments and photonic nanostructures for shallow nitrogen vacancy centers in diamond. Optical Materials Express, 2019, 9, 4716. | 3.0 | 11 |
| 9 | Carbon allotropes grafted with poly(pyrrole) derivatives via living radical polymerizations: electrochemical analysis of nano-composites for energy storage. RSC Advances, 2017, 7, 35060-35074. | 3.6 | 8 |
| 10 | The effect of 3-amino benzoic acid linker and the reversal of donor-acceptor pairs on the electrochemical performance and stability of covalently bonded poly(pyrrole) nanotubes. Polymer, 2015, 77, 289-296. | 3.8 | 7 |
| 11 | Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. Dalton Transactions, 2018, 47, 15983-15993. | 3.3 | 7 |
| 12 | A Surface Grafting of Carbon Allotropes with <i>in situ</i> Generated Aryl Diazonium Chlorides: Electrochemical Kinetic Studies. Electroanalysis, 2016, 28, 2900-2909. | 2.9 | 6 |
| 13 | Operando Raman Shift Replaces Current in Electrochemical Analysis of Li-ion Batteries: A Comparative Study. Molecules, 2021, 26, 4667. | 3.8 | 4 |
| 14 | Stretchable current collectors based on carbon embedded in a poly (acrylamide)/poly (N,N-methylenebisacrylamide) hydrogel modified with Nafion 117A [®] . Materials for Renewable and Sustainable Energy, 2018, 7, 1. | 3.6 | 3 |
| 15 | Plasma Treatments and Light Extraction from Fluorinated CVD-Grown (400) Single Crystal Diamond Nanopillars. Journal of Carbon Research, 2020, 6, 37. | 2.7 | 2 |
| 16 | Ion Dynamics at Carbon-Grafted-Polypyrrole Electrode-Electrolyte Interfaces: Study on Charge Carrier Mobility and Ion Co-Adsorption in Liquid and Hydrogel Electrolytes by Electrochemical, Gravimetric, and Computational Methods. Journal of Physical Chemistry C, 2018, 122, 1890-1902. | 3.1 | 1 |
| 17 | Coupling Long-Range Raman with X-Ray Photoelectron Spectroscopy for Complementary Bulk and Surface Characterization of Battery Materials. Chemistry Methods, 0, , . | 3.8 | 0 |