

# Mariusz Radtke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9107912/publications.pdf>

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17  
papers

193  
citations

1163117

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h-index

1058476

14  
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18  
docs citations

18  
times ranked

331  
citing authors

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