

Mariusz Mrzek

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

164
citations

7
h-index

12
g-index

21
ext. papers

223
ext. citations

3.4
avg, IF

2.84
L-index

#	Paper	IF	Citations
16	Longitudinal spin relaxation in nitrogen-vacancy ensembles in diamond. <i>EPJ Quantum Technology</i> , 2015 , 2,	6.9	38
15	Microwave saturation spectroscopy of nitrogen-vacancy ensembles in diamond. <i>Physical Review B</i> , 2014 , 89,	3.3	29
14	Circularly polarized microwaves for magnetic resonance study in the GHz range: Application to nitrogen-vacancy in diamonds. <i>Applied Physics Letters</i> , 2015 , 107, 013505	3.4	21
13	Preparation of yttria powders co-doped with Nd ³⁺ , and La ³⁺ using EDTA gel processes for application in transparent ceramics. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 4129-4140	6	15
12	Coherent population oscillations with nitrogen-vacancy color centers in diamond. <i>Physical Review B</i> , 2016 , 94,	3.3	13
11	Synthesis and Physicochemical Properties of Yttrium Oxide Doped with Neodymium and Lanthanum. <i>Journal of Electronic Materials</i> , 2014 , 43, 3611-3617	1.9	13
10	Optical Magnetometry Based on Nanodiamonds with Nitrogen-Vacancy Color Centers. <i>Materials</i> , 2019 , 12,	3.5	12
9	Optical and magneto-optical properties of Nd _{0.1} La _{0.1} Y _{1.8} O ₃ transparent ceramics. <i>Journal of Luminescence</i> , 2019 , 209, 333-339	3.8	7
8	The measurement of Faraday effect of translucent material in the entire visible spectrum. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 162, 107912	4.6	5
7	Microwave spectroscopy for diagnostics of nitrogen vacancy defects in diamond samples. <i>Photonics Letters of Poland</i> , 2013 , 5,	2.1	3
6	Magnetically-sensitive nanodiamond thin-films on glass fibers. <i>Optical Materials Express</i> , 2022 , 12, 444	2.6	2
5	Nitrogen-Vacancy Color Centers Created by Proton Implantation in a Diamond. <i>Materials</i> , 2021 , 14,	3.5	2
4	Tellurite Glass Rods with Submicron-Size Diamonds as Photonic Magnetic Field and Temperature Sensors. <i>Advanced Quantum Technologies</i> , 2100128	4.3	1
3	Optical Characterization of Nitrogen-Vacancy Centers Created by Proton Implantation in Diamond. <i>Acta Physica Polonica A</i> , 2020 , 137, 9-13	0.6	1
2	Characterization of strong NV ⁻ gradient in the e-beam irradiated diamond sample. <i>Diamond and Related Materials</i> , 2021 , 108689	3.5	0
1	Integration of Fluorescent, NV-Rich Nanodiamond Particles with AFM Cantilevers by Focused Ion Beam for Hybrid Optical and Micromechanical Devices. <i>Coatings</i> , 2021 , 11, 1332	2.9	0