

Tomáš Popelář

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

81
citations

1307594
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1588992
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all docs

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docs citations

10
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of electron-hole liquid condensation in CVD diamond studied by femtosecond pump and probe spectroscopy. <i>Diamond and Related Materials</i> , 2013, 34, 13-18.	3.9	18
2	Non-thermal pulsed plasma activated water: environmentally friendly way for efficient surface modification of semiconductor nanoparticles. <i>Green Chemistry</i> , 2021, 23, 898-911.	9.0	13
3	Residual- and linker-free metal/polymer nanofluids prepared by direct deposition of magnetron-sputtered Cu nanoparticles into liquid PEG. <i>Journal of Molecular Liquids</i> , 2021, 336, 116319.	4.9	12
4	Dynamics of photoexcited carriers in CVD diamond studied by mid-infrared femtosecond spectroscopy. <i>Diamond and Related Materials</i> , 2017, 71, 13-19.	3.9	10
5	Control of condensation and evaporation of electron-hole liquid in diamond by femtosecond laser pulses. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 278-281.	2.4	9
6	On the importance of onset times and multiple-wavelength analysis of photoluminescence decays. <i>Journal of Applied Physics</i> , 2019, 125, 193103.	2.5	9
7	The red and blue luminescence in silicon nanocrystals with an oxidized, nitrogen-containing shell. <i>Faraday Discussions</i> , 2020, 222, 240-257.	3.2	8
8	Trap-State-Induced Becquerel Type of Photoluminescence Decay in DPA-Activated Silicon Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2055-2063.	3.1	2
9	Energy transfer channel between silicon nanocrystals and an optical center emitting above their bandgap. <i>Journal of Luminescence</i> , 2019, 215, 116685.	3.1	0
10	Optical and electronic properties: from theory to experiments: general discussion. <i>Faraday Discussions</i> , 2020, 222, 294-303.	3.2	0