

Thomas P Van Swieten

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1307594

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1474206

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docs citations

10
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	A Ho ³⁺ -Based Luminescent Thermometer for Sensitive Sensing over a Wide Temperature Range. <i>Advanced Optical Materials</i> , 2021, 9, 2001518.	7.3	70
2	Mapping Elevated Temperatures with a Micrometer Resolution Using the Luminescence of Chemically Stable Upconversion Nanoparticles. <i>ACS Applied Nano Materials</i> , 2021, 4, 4208-4215.	5.0	57
3	High temperature (nano)thermometers based on LiLuF ₄ :Er ³⁺ , Yb ³⁺ nano- and microcrystals. Confounded results for core-shell nanocrystals. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3589-3600.	5.5	38
4	Impact of Noise and Background on Measurement Uncertainties in Luminescence Thermometry. <i>ACS Photonics</i> , 2022, 9, 1366-1374.	6.6	37
5	Exciton interaction with Ce ³⁺ and Ce ⁴⁺ ions in (LuGd) ₃ (Ga,Al) ₅ O ₁₂ ceramics. <i>Journal of Luminescence</i> , 2021, 237, 118150.	3.1	29
6	Trapping and Detrapping in Colloidal Perovskite Nanoplatelets: Elucidation and Prevention of Nonradiative Processes through Chemical Treatment. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8047-8054.	3.1	21
7	Beyond the Energy Gap Law: The Influence of Selection Rules and Host Compound Effects on Nonradiative Transition Rates in Boltzmann Thermometers. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	11
8	Extending Surface-Enhanced Raman Spectroscopy to Liquids Using Shell-Isolated Plasmonic Superstructures. <i>Chemistry - A European Journal</i> , 2019, 25, 15772-15778.	3.3	3
9	Extending Surface-Enhanced Raman Spectroscopy to Liquids Using Shell-Isolated Plasmonic Superstructures. <i>Chemistry - A European Journal</i> , 2019, 25, 15706-15706.	3.3	1