

# Thomas P Van Swieten

## List of Publications by Year in descending order

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docs citations

10  
times ranked

266  
citing authors

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