

Frederic Van Assche

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	3D Correlative Imaging of Lithium Ion Concentration in a Vertically Oriented Electrode Microstructure with a Density Gradient. <i>Advanced Science</i> , 2022, 9, e2105723.	11.2	6
2	The Spectral X-ray Imaging Data Acquisition (SpeXIDAQ) Framework. <i>Sensors</i> , 2021, 21, 563.	3.8	9
3	X-Ray Ptychography with a Laboratory Source. <i>Physical Review Letters</i> , 2021, 126, 193902.	7.8	12
4	Full-field spectroscopic measurement of the X-ray beam from a multilayer monochromator using a hyperspectral X-ray camera. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 110-118.	2.4	5
5	Spectroscopic imaging with single acquisition ptychography and a hyperspectral detector. <i>Scientific Reports</i> , 2019, 9, 12278.	3.3	7
6	Pectin-bioactive glass self-gelling, injectable composites with high antibacterial activity. <i>Carbohydrate Polymers</i> , 2019, 205, 427-436.	10.2	39
7	Characterization, Optimization and Application of a Hyperspectral X-ray Camera. <i>Microscopy and Microanalysis</i> , 2018, 24, 324-325.	0.4	2
8	Eardrum and columella displacement in single ossicle ears under quasi-static pressure variations. <i>Hearing Research</i> , 2018, 365, 141-148.	2.0	5
9	In-Situ High Resolution Dynamic X-ray Microtomographic Imaging of Olive Oil Removal in Kitchen Sponges by Squeezing and Rinsing. <i>Materials</i> , 2018, 11, 1482.	2.9	8