

Takuji Ohigashi

List of Publications by Year in descending order

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14
papers

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1478505

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558
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient 2D/3D Hybrid Perovskite Solar Cells via Low-Pressure Vapor-Assisted Solution Process. <i>Advanced Materials</i> , 2018, 30, e1801401.	21.0	154
2	Hybrid films of cellulose nanofibrils, chitosan and nanosilica—Structural, thermal, optical, and mechanical properties. <i>Carbohydrate Polymers</i> , 2019, 218, 87-94.	10.2	26
3	Modulating chemical composition and work function of suspended reduced graphene oxide membranes through electrochemical reduction. <i>Carbon</i> , 2021, 185, 410-418.	10.3	13
4	Quantitative Distribution of DNA, RNA, Histone and Proteins Other than Histone in Mammalian Cells, Nuclei and a Chromosome at High Resolution Observed by Scanning Transmission Soft X-Ray Microscopy (STXM). <i>Cells</i> , 2019, 8, 164.	4.1	8
5	Lignans in Knotwood of Norway Spruce: Localisation with Soft X-ray Microscopy and Scanning Transmission Electron Microscopy with Energy Dispersive X-ray Spectroscopy. <i>Molecules</i> , 2020, 25, 2997.	3.8	7
6	Morphology control in polymerised high internal phase emulsion templated via macro-RAFT agent composition: visualizing surface chemistry. <i>Polymer Chemistry</i> , 2018, 9, 213-220.	3.9	6
7	A New Constraint on the Physicochemical Condition of Mars Surface during the Amazonian Epoch Based on Chemical Speciation for Secondary Minerals in Martian Nakhilites. <i>Minerals (Basel)</i> , 2021, 11, 1078.	0.784314	1
8	Development of in-situ sample cells for scanning transmission x-ray microscopy. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	4
9	Spatially Resolved Distribution of Fe Species around Microbes at the Submicron Scale in Natural Bacteriogenic Iron Oxides. <i>Microbes and Environments</i> , 2017, 32, 283-287.	1.6	4
10	Exploring the Mesoscopic Morphology in Mussel Adhesive Proteins by Soft X-ray Spectromicroscopy. <i>Biomacromolecules</i> , 2021, 22, 1256-1260.	5.4	4
11	Effect of the Large-Size A-Site Cation on the Crystal Growth and Phase Distribution of 2D/3D Mixed Perovskite Films via a Low-Pressure Vapor-Assisted Solution Process. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12345-12356.	3.1	4
12	Discrimination of DNA and RNA distribution in a mammalian cell by scanning transmission soft X-ray microscopy. <i>Journal of X-Ray Science and Technology</i> , 2018, 26, 877-884.	1.0	2
13	STXM Chemical Mapping of Norway Spruce Knotwood Lignans. <i>Microscopy and Microanalysis</i> , 2018, 24, 482-483.	0.4	2
14	A low-pass filtering Fresnel zone plate for soft x-ray microscopic analysis down to the lithium K-edge region. <i>Review of Scientific Instruments</i> , 2020, 91, 103110.	1.3	2