Takuji Ohigashi

List of Publications by Year
in descending order

14	242	1478505 6	1125743 13
papers	citations	h-index	g-index

15	15	15	558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the Mesoscopic Morphology in Mussel Adhesive Proteins by Soft X-ray Spectromicroscopy. Biomacromolecules, 2021, 22, 1256-1260.	5.4	4
2	A New Constraint on the Physicochemical Condition of Mars Surface during the Amazonian Epoch Based on Chemical Speciation for Secondary Minerals in Martian Nakhlites. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 T	2.0	5
3	Modulating chemical composition and work function of suspended reduced graphene oxide membranes through electrochemical reduction. Carbon, 2021, 185, 410-418.	10.3	13
4	Lignans in Knotwood of Norway Spruce: Localisation with Soft X-ray Microscopy and Scanning Transmission Electron Microscopy with Energy Dispersive X-ray Spectroscopy. Molecules, 2020, 25, 2997.	3.8	7
5	A low-pass filtering Fresnel zone plate for soft x-ray microscopic analysis down to the lithium K-edge region. Review of Scientific Instruments, 2020, 91, 103110.	1.3	2
6	Hybrid films of cellulose nanofibrils, chitosan and nanosilicaâ€"Structural, thermal, optical, and mechanical properties. Carbohydrate Polymers, 2019, 218, 87-94.	10.2	26
7	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). Cells, 2019, 8, 164.	4.1	8
8	Morphology control in polymerised high internal phase emulsion templated via macro-RAFT agent composition: visualizing surface chemistry. Polymer Chemistry, 2018, 9, 213-220.	3.9	6
9	Discrimination of DNA and RNA distribution in a mammalian cell by scanning transmission soft X-ray microscopy. Journal of X-Ray Science and Technology, 2018, 26, 877-884.	1.0	2
10	STXM Chemical Mapping of Norway Spruce Knotwood Lignans. Microscopy and Microanalysis, 2018, 24, 482-483.	0.4	2
11	Highly Efficient 2D/3D Hybrid Perovskite Solar Cells via Lowâ€Pressure Vaporâ€Assisted Solution Process. Advanced Materials, 2018, 30, e1801401.	21.0	154
12	Spatially Resolved Distribution of Fe Species around Microbes at the Submicron Scale in Natural Bacteriogenic Iron Oxides. Microbes and Environments, 2017, 32, 283-287.	1.6	4
13	Development of in-situ sample cells for scanning transmission x-ray microscopy. AIP Conference Proceedings, 2016, , .	0.4	4
14	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. Journal of Physical Chemistry C, 0, , .	3.1	4