

Wolfgang Voegeli

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

200
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Multibeam x-ray optical system for high-speed tomography. <i>Optica</i> , 2020, 7, 514.	9.3	26
2	Initial Conformation of Adsorbed Proteins at an Air–Water Interface. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4662-4666.	2.6	23
3	Identification of the Structure Model of the Si(111)-(5 \times 2)-Au Surface. <i>Physical Review Letters</i> , 2014, 113, 165501.	7.8	22
4	A simultaneous multiple angle-wavelength dispersive X-ray reflectometer using a bent-twisted polychromator crystal. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 80-88.	2.4	21
5	Structural Change of the Rutile TiO ₂ (110) Surface During the Photoinduced Wettability Conversion. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29107-29115.	3.1	20
6	A method for measuring the specular X-ray reflectivity with millisecond time resolution. <i>Journal of Physics: Conference Series</i> , 2013, 425, 092003.	0.4	11
7	A multi-beam X-ray imaging detector using a branched optical fiber bundle. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 038003.	1.5	11
8	High-speed multi-beam X-ray imaging using a lens coupling detector system. <i>Applied Physics Express</i> , 2020, 13, 077002.	2.4	11
9	Exploring Frontiers of 4D X-ray Tomography. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8868.	2.5	11
10	Fast Structure Determination of Electrode Surfaces for Investigating Electrochemical Dynamics Using Wavelength-Dispersive X-ray Crystal Truncation Rod Measurements. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24726-24732.	3.1	10
11	A quick convergent-beam laboratory X-ray reflectometer using a simultaneous multiple-angle dispersive geometry. <i>Journal of Applied Crystallography</i> , 2017, 50, 570-575.	4.5	8
12	Observation of Structure of Surfaces and Interfaces by Synchrotron X-ray Diffraction: Atomic-Scale Imaging and Time-Resolved Measurements. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 061010.	1.6	7
13	Fabrication of multi-blade crystals for hard-X-ray multi-beam imaging system. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 092001.	1.5	7
14	Dynamical Response of the Electric Double Layer Structure of the DEME-TFSI Ionic Liquid to Potential Changes Observed by Time-Resolved X-ray Reflectivity. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 577-585.	2.8	6
15	A New Pentacene Polymorph Induced by Interaction with a Bi(0001) Substrate. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6240-6245.	3.1	4
16	Periodic Elastic Motion in a Self-Assembled Monolayer under Spontaneous Oscillations of Surface Tension: Molecules in a Scrum Push Back a Marangoni Flow. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6330-6336.	4.6	2
17	Development and Application of an Educational 3D X-Ray CT Instrument. <i>Radioisotopes</i> , 2016, 65, 119-128.	0.2	0
18	Fundamental and Trend of Tomographic Image Reconstruction: from Analytical Reconstruction Method, through Compressed Sensing, to Deep Learning. <i>Materia Japan</i> , 2022, 61, 7-14.	0.1	0