

Alexander S Ditter

List of Publications by Year in descending order

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9
papers

189
citations

1478505

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h-index

1474206

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9
docs citations

9
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved laboratory-based x-ray absorption fine structure and x-ray emission spectrometer for analytical applications in materials chemistry research. <i>Review of Scientific Instruments</i> , 2019, 90, 024106.	1.3	70
2	A compact dispersive refocusing Rowland circle X-ray emission spectrometer for laboratory, synchrotron, and XFEL applications. <i>Review of Scientific Instruments</i> , 2017, 88, 073904.	1.3	40
3	Benchtop Nonresonant X-ray Emission Spectroscopy: Coming Soon to Laboratories and XAS Beamlines Near You?. <i>Journal of Physics: Conference Series</i> , 2016, 712, 012036.	0.4	24
4	Laboratory-Based X-ray Absorption Spectroscopy on a Working Pouch Cell Battery at Industrially-Relevant Charging Rates. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2549-A2555.	2.9	20
5	A mail-in and user facility for X-ray absorption near-edge structure: the CEI-XANES laboratory X-ray spectrometer at the University of Washington. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 2086-2093.	2.4	14
6	Vacuum formed temporary spherically and toroidally bent crystal analyzers for x-ray absorption and x-ray emission spectroscopy. <i>Review of Scientific Instruments</i> , 2019, 90, 013106.	1.3	12
7	Resonant inelastic X-ray scattering using a miniature dispersive Rowland refocusing spectrometer. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 446-454.	2.4	5
8	Chemical and elemental mapping of spent nuclear fuel sections by soft X-ray spectromicroscopy. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 67-79.	2.4	3
9	Characterizing Polyoxovanadate-Alkoxide Clusters Using Vanadium K-Edge X-ray Absorption Spectroscopy. <i>Chemistry - A European Journal</i> , 2021, 27, 1592-1597.	3.3	1