

Paul Northrup

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5528775/publications.pdf>

Version: 2024-02-01

22
papers

1,096
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1963
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastic properties of hydrous ringwoodite ($\hat{3}$ -phase) in Mg_2SiO_4 . Earth and Planetary Science Letters, 1998, 160, 107-113.	4.4	204
2	XAFS study of the coordination and local relaxation around Co (super 2+) , Zn (super 2+) , Pb (super) Tj ETQq0 0 0 rBT /Overlock 10 Tf	19	161
3	Phosphorus <i>K</i> -edge XANES spectroscopy of mineral standards. Journal of Synchrotron Radiation, 2011, 18, 189-197.	2.4	130
4	Reaction heterogeneity in practical high-energy lithium-sulfur pouch cells. Energy and Environmental Science, 2020, 13, 3620-3632.	30.8	127
5	Direct Observation of the Redistribution of Sulfur and Polysulfides in Li-S Batteries During the First Cycle by In Situ X-Ray Fluorescence Microscopy. Advanced Energy Materials, 2015, 5, 1500072.	19.5	84
6	Structure of Sulfate Adsorption Complexes on Ferrihydrite. Environmental Science and Technology Letters, 2014, 1, 97-101.	8.7	79
7	Characterization of a sustainable sulfur polymer concrete using activated fillers. Cement and Concrete Composites, 2016, 67, 20-29.	10.7	50
8	A marine sink for chlorine in natural organic matter. Nature Geoscience, 2015, 8, 620-624.	12.9	43
9	Anionic redox reaction in layered $NaCr_2/3Ti_1/3S_2$ through electron holes formation and dimerization of S^{2-} . Nature Communications, 2019, 10, 4458.	12.8	38
10	Synthesis and Characterization of a Molecularly Designed High-Performance Organodisulfide as Cathode Material for Lithium Batteries. Advanced Energy Materials, 2019, 9, 1900705.	19.5	34
11	<i>Operando</i> structural and chemical evolutions of TiS_2 in Na-ion batteries. Journal of Materials Chemistry A, 2020, 8, 12339-12350.	10.3	23
12	Applications of <i>Tender</i> -Energy (1-5 keV) X-ray Absorption Spectroscopy in Life Sciences. Protein and Peptide Letters, 2016, 23, 300-308.	0.9	21
13	The TES beamline (8-BM) at NSLS-II: tender-energy spatially resolved X-ray absorption spectroscopy and X-ray fluorescence imaging. Journal of Synchrotron Radiation, 2019, 26, 2064-2074.	2.4	20
14	Tools for uranium characterization in carbonate samples: case studies of natural U-Pb geochronology reference materials. Geochronology, 2021, 3, 103-122.	2.5	18
15	Insights into molecular chemistry of Chiapas amber using infrared-light microscopy, PIXE/RBS, and sulfur K-edge XANES spectroscopy. Applied Physics A: Materials Science and Processing, 2014, 116, 97-109.	2.3	17
16	Speciation of antimony in polyethylene terephthalate bottles. X-Ray Spectrometry, 2010, 39, 257-259.	1.4	11
17	Vein fluorite U-Pb dating demonstrates post-6.2 Ma rare-earth element mobilization associated with Rio Grande rifting. , 2019, 15, 1958-1972.		9
18	Microscale Heterogeneous Distribution and Speciation of Phosphorus in Soils Amended with Mineral Fertilizer and Cattle Manure Compost. Minerals (Basel, Switzerland), 2021, 11, 121.	2.0	9

#	ARTICLE	IF	CITATIONS
19	Combined Zr and S XANES Analysis on $\text{ZrO}_2/\text{MWCNT}$ Solid Acid Catalyst. Topics in Catalysis, 2014, 57, 693-705.	2.8	8
20	Multimodal, Multidimensional, and Multiscale X-ray Imaging at the National Synchrotron Light Source II. Synchrotron Radiation News, 2020, 33, 29-36.	0.8	5
21	Characterization of Potential Micrometeorites by Synchrotron Analysis. Geosciences (Switzerland), 2020, 10, 275.	2.2	4
22	Technical Report: Growth of Environmental Science at the NSLS. Synchrotron Radiation News, 2007, 20, 6-13.	0.8	1