

Paul Northrup

List of Publications by Year in descending order

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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	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
2	Tools for uranium characterization in carbonate samples: case studies of natural U–Pb geochronology reference materials. Geochronology, 2021, 3, 103-122.	2.5	18
3	Multimodal, Multidimensional, and Multiscale X-ray Imaging at the National Synchrotron Light Source II. Synchrotron Radiation News, 2020, 33, 29-36.	0.8	5
4	Characterization of Potential Micrometeorites by Synchrotron Analysis. Geosciences (Switzerland), 2020, 10, 275.	2.2	4
5	Reaction heterogeneity in practical high-energy lithium–sulfur pouch cells. Energy and Environmental Science, 2020, 13, 3620-3632.	30.8	127
6	Operando structural and chemical evolutions of TiS ₂ in Na-ion batteries. Journal of Materials Chemistry A, 2020, 8, 12339-12350.	10.3	23
7	Anionic redox reaction in layered NaCr ₂ /3Ti ₁ /3S ₂ through electron holes formation and dimerization of S. Nature Communications, 2019, 10, 4458.	12.8	38
8	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
9	Vein fluorite U-Pb dating demonstrates post-6.2 Ma rare-earth element mobilization associated with Rio Grande rifting. , 2019, 15, 1958-1972.		9
10	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
11	Characterization of a sustainable sulfur polymer concrete using activated fillers. Cement and Concrete Composites, 2016, 67, 20-29.	10.7	50
12	Applications of Tender-Energy (1-5 keV) X-ray Absorption Spectroscopy in Life Sciences. Protein and Peptide Letters, 2016, 23, 300-308.	0.9	21
13	A marine sink for chlorine in natural organic matter. Nature Geoscience, 2015, 8, 620-624.	12.9	43
14	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
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	Combined Zr and S XANES Analysis on ZrO ₂ /MWCNT Solid Acid Catalyst. Topics in Catalysis, 2014, 57, 693-705.	2.8	8
17	Structure of Sulfate Adsorption Complexes on Ferrihydrite. Environmental Science and Technology Letters, 2014, 1, 97-101.	8.7	79
18	Phosphorus K-edge XANES spectroscopy of mineral standards. Journal of Synchrotron Radiation, 2011, 18, 189-197.	2.4	130

#	ARTICLE	IF	CITATIONS
19	Speciation of antimony in polyethylene terephthalate bottles. X-Ray Spectrometry, 2010, 39, 257-259.	1.4	11
20	Technical Report: Growth of Environmental Science at the NSLS. Synchrotron Radiation News, 2007, 20, 6-13.	0.8	1
21	XAFS study of the coordination and local relaxation around Co (super 2+) , Zn (super 2+) , Pb (super) Tj ETQq1 1 0.784314 rgBT /Ove	1.9	161
22	Elastic properties of hydrous ringwoodite ($\hat{1}^3$ -phase) in Mg ₂ SiO ₄ . Earth and Planetary Science Letters, 1998, 160, 107-113.	4.4	204