Surya Rout

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7352854/publications.pdf

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18	322	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rare meteorites common in the Ordovician period. Nature Astronomy, 2017, 1, .	10.1	53
2	Late Eocene 3He and Ir anomalies associated with ordinary chondritic spinels. Geochimica Et Cosmochimica Acta, 2017, 204, 205-218.	3.9	44
3	In search of the Earthâ€forming reservoir: Mineralogical, chemical, and isotopic characterizations of the ungrouped achondrite <scp>NWA</scp> 5363/NWA 5400 and selected chondrites. Meteoritics and Planetary Science, 2017, 52, 807-826.	1.6	40
4	Meteorite flux to Earth in the Early Cretaceous as reconstructed from sediment-dispersed extraterrestrial spinels. Geology, 2017, 45, 807-810.	4.4	38
5	Unprecedented Thermal Stability of Plasmonic Titanium Nitride Films up to 1400 Â°C. Advanced Optical Materials, 2021, 9, 2100323.	7.3	34
6	Ca,Alâ€rich inclusions in Rumuruti (R) chondrites. Meteoritics and Planetary Science, 2008, 43, 1439-1464.	1.6	26
7	Space weathering of silicate regoliths with various FeO contents: New insights from laser irradiation experiments and theoretical spectral simulations. Icarus, 2014, 235, 187-206.	2.5	26
8	A search for H-chondritic chromite grains in sediments that formed immediately after the breakup of the L-chondrite parent body 470 Ma ago. Geochimica Et Cosmochimica Acta, 2016, 177, 120-129.	3.9	17
9	Atom probe tomography of spaceâ€weathered lunar ilmenite grain surfaces. Meteoritics and Planetary Science, 2020, 55, 426-440.	1.6	14
10	Atomâ€probe tomography and transmission electron microscopy of the kamaciteâ€“taenite interface in the fastâ€cooled Bristol IVA iron meteorite. Meteoritics and Planetary Science, 2017, 52, 2707-2729.	1.6	11
11	Which factor determines the optical losses in refractory tungsten thin films at high temperatures?. Applied Surface Science, 2022, 588, 152927.	6.1	5
12	Shocked chromites in fossil L chondrites: A Raman spectroscopy and transmission electron microscopy study. Meteoritics and Planetary Science, 2017, 52, 1776-1796.	1.6	4
13	Correlative Transmission Electron Microscopy and Atom-Probe Tomography of an Iron Meteorite. Microscopy and Microanalysis, 2015, 21, 1313-1314.	0.4	3
14	Shock history of the fossil ungrouped achondrite Ã–sterplana 065: Raman spectroscopy and <scp>TEM</scp> of relict chromeâ€spinel grains. Meteoritics and Planetary Science, 2018, 53, 973-983.	1.6	3
15	EGTâ€”A sensitive timeâ€ofâ€flight mass spectrometer for multielement isotope gas analysis. Journal of Mass Spectrometry, 2018, 53, 1036-1045.	1.6	2
16	Atom-Probe Tomography of Meteoritic Nanodiamonds.. Microscopy and Microanalysis, 2014, 20, 1676-1677.	0.4	1
17	Investigating space-weathering on the moon using APT. Microscopy and Microanalysis, 2021, 27, 2052-2054.	0.4	1
18	Adhesive-Based Atom Probe Sample Preparation. Microscopy Today, 2018, 26, 24-31.	0.3	0