Xiao-Duan Zou

List of Publications by Year
in descending order

13 papers	735 citations	1040056 9 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	823 citing authors

#	Article	IF	Citations
1	Evidence for widespread hydrated minerals on asteroid (101955) Bennu. Nature Astronomy, 2019, 3, 332-340.	10.1	251
2	Properties of rubble-pile asteroid (101955) Bennu from OSIRIS-REx imaging and thermal analysis. Nature Astronomy, 2019, 3, 341-351.	10.1	188
3	The operational environment and rotational acceleration of asteroid (101955) Bennu from OSIRIS-REx observations. Nature Communications, 2019, 10, 1291.	12.8	99
4	Bright carbonate veins on asteroid (101955) Bennu: Implications for aqueous alteration history. Science, 2020, 370, .	12.6	71
5	Disk-resolved photometric modeling and properties of asteroid (101955) Bennu. Icarus, 2021, 357, 113724.	2.5	29
6	Photometry of asteroid (101955) Bennu with OVIRS on OSIRIS-REx. Icarus, 2021, 358, 114183.	2.5	25
7	Phase reddening on asteroid Bennu from visible and near-infrared spectroscopy. Astronomy and Astrophysics, 2020, 644, A142.	5.1	22
8	Hydrogen abundance estimation and distribution on (101955) Bennu. Icarus, 2021, 363, 114427.	2.5	19
9	In search of Bennu analogs: Hapke modeling of meteorite mixtures. Astronomy and Astrophysics, 2021, 648, A88.	5.1	9
10	Spectrophotometric Modeling and Mapping of (101955) Bennu. Planetary Science Journal, 2021, 2, 117.	3.6	9
11	Analysis of Projection Effects in OSIRISâ€REx Spectral Mapping Methods: Recommended Protocols for Facetâ€Based Mapping. Earth and Space Science, 2021, 8, e2020EA000613.	2.6	6
12	Regional Photometric Modeling of Asteroid (101955) Bennu. Planetary Science Journal, 2021, 2, 124.	3.6	4
13	Visibleâ€"near-infrared observations of organics and carbonates on (101955) Bennu: Classification method and search for surface context. Icarus, 2021, 368, 114579.	2.5	3