

Juan A Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

609
citations

687363

13
h-index

610901

24
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docs citations

25
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase reddening on near-Earth asteroids: Implications for mineralogical analysis, space weathering and taxonomic classification. <i>Icarus</i> , 2012, 220, 36-50.	2.5	150
2	Photometric, spectral phase and temperature effects on 4 Vesta and HED meteorites: Implications for the Dawn mission. <i>Icarus</i> , 2012, 217, 153-168.	2.5	76
3	Chelyabinsk meteorite explains unusual spectral properties of Baptistina Asteroid Family. <i>Icarus</i> , 2014, 237, 116-130.	2.5	54
4	Surface composition and taxonomic classification of a group of near-Earth and Mars-crossing asteroids. <i>Icarus</i> , 2013, 225, 131-140.	2.5	42
5	DETECTION OF WATER AND/OR HYDROXYL ON ASTEROID (16) Psyche. <i>Astronomical Journal</i> , 2017, 153, 31.	4.7	37
6	Exploring exogenic sources for the olivine on Asteroid (4) Vesta. <i>Icarus</i> , 2015, 258, 483-499.	2.5	33
7	DETECTION OF ROTATIONAL SPECTRAL VARIATION ON THE M-TYPE ASTEROID (16) PSYCHE. <i>Astronomical Journal</i> , 2017, 153, 29.	4.7	25
8	Rotationally Resolved Spectroscopic Characterization of Near-Earth Object (3200) Phaethon. <i>Astronomical Journal</i> , 2018, 156, 287.	4.7	23
9	Ground-based characterization of Hayabusa2 mission target asteroid 162173 Ryugu: constraining mineralogical composition in preparation for spacecraft operations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 614-623.	4.4	21
10	Photometric properties of Ceres from telescopic observations using Dawn Framing Camera color filters. <i>Icarus</i> , 2015, 260, 332-345.	2.5	20
11	COMPOSITION OF POTENTIALLY HAZARDOUS ASTEROID (214869) 2007 PA8: AN H CHONDRITE FROM THE OUTER ASTEROID BELT. <i>Astrophysical Journal</i> , 2015, 808, 93.	4.5	19
12	Compositional Constraints for Lucy Mission Trojan Asteroids via Near-infrared Spectroscopy. <i>Astronomical Journal</i> , 2019, 158, 204.	4.7	16
13	Hungaria asteroid region telescopic spectral survey (HARTSS) II: Spectral homogeneity among Hungaria family asteroids. <i>Icarus</i> , 2019, 322, 227-250.	2.5	16
14	Investigating the Relationship between (3200) Phaethon and (155140) 2005 UD through Telescopic and Laboratory Studies. <i>Planetary Science Journal</i> , 2021, 2, 190.	3.6	12
15	Do L chondrites come from the Gefion family?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 630-634.	4.4	11
16	A New Method for Deriving Composition of S-type Asteroids from Noisy and Incomplete Near-infrared Spectra. <i>Astronomical Journal</i> , 2020, 159, 146.	4.7	11
17	Constraining the Regolith Composition of Asteroid (16) Psyche via Laboratory Visible Near-infrared Spectroscopy. <i>Planetary Science Journal</i> , 2021, 2, 95.	3.6	9
18	Lunar-like silicate material forms the Earth quasi-satellite (469219) 2016 HO3 KamoÊ»oalewa. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	9

#	ARTICLE	IF	CITATIONS
19	THE PHYSICAL CHARACTERIZATION OF THE POTENTIALLY HAZARDOUS ASTEROID 2004 BL86: A FRAGMENT OF A DIFFERENTIATED ASTEROID. <i>Astrophysical Journal</i> , 2015, 811, 65.	4.5	6
20	Physical Characterization of Metal-rich Near-Earth Asteroids 6178 (1986 DA) and 2016 ED85. <i>Planetary Science Journal</i> , 2021, 2, 205.	3.6	6
21	Constraining ordinary chondrite composition via near-infrared spectroscopy. <i>Icarus</i> , 2020, 336, 113426.	2.5	5
22	Characterization of Exogenic Boulders on the Near-Earth Asteroid (101955) Bennu from OSIRIS-REx Color Images. <i>Planetary Science Journal</i> , 2021, 2, 114.	3.6	5
23	Complex Water-ice Mixtures on NII Nereid: Constraints from NIR Reflectance. <i>Planetary Science Journal</i> , 2021, 2, 143.	3.6	2
24	Spectral calibration for deriving surface mineralogy of Asteroid (25143) Itokawa from Hayabusa Near-Infrared Spectrometer (NIRS) data. <i>Icarus</i> , 2015, 262, 124-130.	2.5	1
25	Near-infrared Spectroscopy of the Nucleus of Low-activity Comet P/2016 BA ₁₄ during Its 2016 Close Approach. <i>Planetary Science Journal</i> , 2022, 3, 105.	3.6	0