Christopher Magri

List of Publications by Year
in descending order

19 papers	1,216 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	953 citing authors

#	ARTICLE	IF	CITATIONS
1	Radar Imaging of Binary Near-Earth Asteroid (66391) 1999 KW4. Science, 2006, 314, 1276-1280.	12.6	254
2	Shape model and surface properties of the OSIRIS-REx target Asteroid (101955) Bennu from radar and lightcurve observations. Icarus, 2013, 226, 629-640.	2.5	186
3	Radar Observations of Asteroid 216 Kleopatra. Science, 2000, 288, 836-839.	12.6	172
4	Near-Earth asteroid surface roughness depends on compositional class. Icarus, 2008, 198, 294-304.	2.5	102
5	Radar observations and a physical model of Asteroid 1580 Betulia. Icarus, 2007, 186, 152-177.	2.5	87
6	Radar observations and shape model of asteroid 16 Psyche. Icarus, 2017, 281, 388-403.	2.5	87
7	A radar survey of M- and X-class asteroids II. Summary and synthesis. Icarus, 2010, 208, 221-237.	2.5	82
8	A radar survey of M- and X-class asteroids. Icarus, 2008, 195, 184-205.	2.5	69
9	A radar survey of main-belt asteroids: Arecibo observations of 55 objects during 1999â€"2003. Icarus, 2007, 186, 126-151.	2.5	62
10	A radar survey of M- and X-class asteroids. III. Insights into their composition, hydration state, & structure. Icarus, 2015, 245, 38-55.	2.5	48
11	A revised shape model of asteroid (216) Kleopatra. Icarus, 2018, 311, 197-209.	2.5	25
12	Asteroid 16 Psyche: Shape, Features, and Global Map. Planetary Science Journal, 2021, 2, 125.	3.6	18
13	Thermal properties and an improved shape model for near-Earth asteroid (162421) 2000 ET70. Icarus, 2017, 292, 22-35.	2.5	10
14	SHERMAN, a shape-based thermophysical model. I. Model description and validation. Icarus, 2018, 303, 203-219.	2.5	4
15	SHERMAN â€" A shape-based thermophysical model II. Application to 8567 (1996 HW1). Icarus, 2018, 303, 220-233.	2.5	3
16	Near-infrared Spectral Characterization of Solar-type Stars in the Northern Hemisphere. Astronomical Journal, 2020, 160, 130.	4.7	3
17	The global thermophysical properties of (433) Eros. Icarus, 2022, 382, 114939.	2.5	3
18	GPU-accelerated algorithm for asteroid shape modeling. Astronomy and Computing, 2019, 28, 100285.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Performance of CUDA-SHAPE on complex synthetic shapes and real data of asteroid (341843) 2008 EV5. Astronomy and Computing, 2020, 32, 100401.	1.7	0