

Sabina D Raducan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

244
citations

1163117

8
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	The ESA Hera Mission: Detailed Characterization of the DART Impact Outcome and of the Binary Asteroid (65803) Didymos. <i>Planetary Science Journal</i> , 2022, 3, 160.	3.6	82
2	The role of asteroid strength, porosity and internal friction in impact momentum transfer. <i>Icarus</i> , 2019, 329, 282-295.	2.5	54
3	Global-scale Reshaping and Resurfacing of Asteroids by Small-scale Impacts, with Applications to the DART and Hera Missions. <i>Planetary Science Journal</i> , 2022, 3, 128.	3.6	27
4	Predictions for the Dynamical States of the Didymos System before and after the Planned DART Impact. <i>Planetary Science Journal</i> , 2022, 3, 157.	3.6	23
5	NASA's Double Asteroid Redirection Test (DART): Mutual Orbital Period Change Due to Reshaping in the Near-Earth Binary Asteroid System (65803) Didymos. <i>Planetary Science Journal</i> , 2022, 3, 148.	3.6	15
6	Model of Double Asteroid Redirection Test Impact Ejecta Plume Observations. <i>Planetary Science Journal</i> , 2022, 3, 131.	3.6	13
7	Double Asteroid Redirection Test (DART): Structural and Dynamic Interactions between Asteroidal Elements of Binary Asteroid (65803) Didymos. <i>Planetary Science Journal</i> , 2022, 3, 140.	3.6	12
8	Morphological Diversity of Impact Craters on Asteroid (16) Psyche: Insight From Numerical Models. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006466.	3.6	8