

# Lorien F Wheeler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3974971/publications.pdf>

Version: 2024-02-01

16  
papers

323  
citations

1040056

9  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	A probabilistic asteroid impact risk model: assessment of sub-300 m impacts. <i>Icarus</i> , 2017, 289, 106-119.	2.5	67
2	A fragment-cloud model for asteroid breakup and atmospheric energy deposition. <i>Icarus</i> , 2017, 295, 149-169.	2.5	56
3	Asteroid fragmentation approaches for modeling atmospheric energy deposition. <i>Icarus</i> , 2017, 284, 157-166.	2.5	53
4	Radiative heating of large meteoroids during atmospheric entry. <i>Icarus</i> , 2018, 309, 25-44.	2.5	45
5	Atmospheric energy deposition modeling and inference for varied meteoroid structures. <i>Icarus</i> , 2018, 315, 79-91.	2.5	24
6	Probabilistic assessment of Tunguska-scale asteroid impacts. <i>Icarus</i> , 2019, 327, 83-96.	2.5	16
7	Near-Earth asteroid 2012 TC4 observing campaign: Results from a global planetary defense exercise. <i>Icarus</i> , 2019, 326, 133-150.	2.5	14
8	Effects of asteroid property distributions on expected impact rates. <i>Icarus</i> , 2019, 321, 767-777.	2.5	10
9	Near-earth asteroid (66391) Moshup (1999 KW4) observing campaign: Results from a global planetary defense characterization exercise. <i>Icarus</i> , 2022, 374, 114790.	2.5	10
10	Inference of meteoroid characteristics using a genetic algorithm. <i>Icarus</i> , 2019, 329, 270-281.	2.5	9
11	Latitude Variation of Flux and Impact Angle of Asteroid Collisions with Earth and the Moon. <i>Planetary Science Journal</i> , 2021, 2, 88.	3.6	8
12	Deflection driven evolution of asteroid impact risk under large uncertainties. <i>Acta Astronautica</i> , 2020, 176, 276-286.	3.2	4
13	Apophis Planetary Defense Campaign. <i>Planetary Science Journal</i> , 2022, 3, 123.	3.6	4
14	The Impact of High-End Computing on NASA Missions. <i>IT Professional</i> , 2012, 14, 20-28.	1.5	3
15	Reprint of "Effects of asteroid property distributions on expected impact rates". <i>Icarus</i> , 2019, 327, 72-82.	2.5	0
16	Considering Deflection Missions for Asteroid Impact Risk. , 2020, , .		0