

# Trent Jansen-Sturgeon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2568466/publications.pdf>

Version: 2024-02-01

18  
papers

219  
citations

1307594

7  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of metre-scale impactors by the Desert Fireball Network. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5166-5178.	4.4	35
2	The Dingle Dell meteorite: A Halloween treat from the Main Belt. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2212-2227.	1.6	31
3	A Global Fireball Observatory. <i>Planetary and Space Science</i> , 2020, 191, 105036.	1.7	31
4	Determining Fireball Fates Using the $\hat{v}^2$ Criterion. <i>Astrophysical Journal</i> , 2019, 885, 115.	4.5	27
5	3D meteoroid trajectories. <i>Icarus</i> , 2019, 321, 388-406.	2.5	21
6	Comparing analytical and numerical approaches to meteoroid orbit determination using Hayabusa telemetry. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2149-2162.	1.6	15
7	Fireball streak detection with minimal CPU processing requirements for the Desert Fireball Network data processing pipeline. <i>Publications of the Astronomical Society of Australia</i> , 0, 37, .	3.4	10
8	Murrili meteorite's fall and recovery from Kati Thanda. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2157-2168.	1.6	10
9	Where Did They Come From, Where Did They Go: Grazing Fireballs. <i>Astronomical Journal</i> , 2020, 159, 191.	4.7	7
10	Identification of a Minimoon Fireball. <i>Astronomical Journal</i> , 2019, 158, 183.	4.7	5
11	Taurid Stream #628: A Reservoir of Large Cometary Impactors. <i>Planetary Science Journal</i> , 2021, 2, 223.	3.6	5
12	Trajectory, recovery, and orbital history of the Madura Cave meteorite. <i>Meteoritics and Planetary Science</i> , 2022, 57, 1328-1338.	1.6	5
13	Machine learning for semi-automated meteorite recovery. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2461-2471.	1.6	4
14	A Dynamic Trajectory Fit to Multisensor Fireball Observations. <i>Astronomical Journal</i> , 2020, 160, 190.	4.7	4
15	Dark-flight Estimates of Meteorite Fall Positions: Issues and a Case Study Using the Murrili Meteorite Fall. <i>Planetary Science Journal</i> , 2022, 3, 44.	3.6	4
16	Mineralogy, petrology, geochemistry, and chronology of the Murrili (H5) meteorite fall: The third recovered fall from the Desert Fireball Network. <i>Meteoritics and Planetary Science</i> , 2021, 56, 241-259.	1.6	3
17	Using atmospheric impact data to model meteoroid close encounters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5240-5250.	4.4	2
18	Recreating the OSIRIS-REx slingshot manoeuvre from a network of ground-based sensors. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	0