

Jonathan P Paxman

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,219
citations

933447

10
h-index

1058476

14
g-index

25
all docs

25
docs citations

25
times ranked

7823
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
2	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	142
3	How to build a continental scale fireball camera network. Experimental Astronomy, 2017, 43, 237-266.	3.7	46
4	“CATAStrophy,” a Genome-Informed Trophic Classification of Filamentous Plant Pathogens “ How Many Different Types of Filamentous Plant Pathogens Are There?. Frontiers in Microbiology, 2019, 10, 3088.	3.5	41
5	The Dingle Dell meteorite: A Halloween treat from the Main Belt. Meteoritics and Planetary Science, 2018, 53, 2212-2227.	1.6	31
6	A novel approach to fireball modeling: The observable and the calculated. Meteoritics and Planetary Science, 2015, 50, 1423-1435.	1.6	30
7	Submillisecond fireball timing using de Bruijn timecodes. Meteoritics and Planetary Science, 2017, 52, 1669-1682.	1.6	20
8	Deriving Surface Ages on Mars Using Automated Crater Counting. Earth and Space Science, 2020, 7, e2019EA001005.	2.6	19
9	Optimal transfer schemes for switching controllers. , 0, , .		15
10	Absolute time encoding for temporal super-resolution using de Bruijn coded exposures. Machine Vision and Applications, 2020, 31, 1.	2.7	13
11	Automated crater detection and counting using the hough transform. , 2014, , .		10
12	Fireball streak detection with minimal CPU processing requirements for the Desert Fireball Network data processing pipeline. Publications of the Astronomical Society of Australia, 0, 37, .	3.4	10
13	Murrili meteorite’s fall and recovery from Kati Thanda. Meteoritics and Planetary Science, 2020, 55, 2157-2168.	1.6	10
14	FILTERING METEOROID FLIGHTS USING MULTIPLE UNSCENTED KALMAN FILTERS. Astronomical Journal, 2016, 152, 148.	4.7	4
15	Dark-flight Estimates of Meteorite Fall Positions: Issues and a Case Study Using the Murrili Meteorite Fall. Planetary Science Journal, 2022, 3, 44.	3.6	4
16	Stability of reset switching systems. , 2003, , .		3
17	Vision based localization under dynamic illumination. , 2011, , .		3
18	Global tracking control of quadrotor VTOL aircraft in three dimensional space. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Robotics for Urban Search and Rescue. , 2006, , .		2
20	Improving Robustness of Vision Based Localization Under Dynamic Illumination. Studies in Computational Intelligence, 2013, , 155-170.	0.9	2
21	A modular hybrid SLAM for the 3D mapping of large scale environments. , 2012, , .		1
22	Characterising fireballs for mass determination: Steps toward automating the Australian desert fireball network. , 2014, , .		1
23	Advanced digital fireball observatories: Enabling the expansion of the desert fireball network. , 2014, , .		0
24	The desert fireball network: A sensor network for meteorite tracking and recovery. , 2016, , .		0