Jonathan P Paxman

List of Publications by Year
in descending order

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	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
2	Absolute time encoding for temporal super-resolution using de Bruijn coded exposures. Machine Vision and Applications, 2020, 31, 1.	2.7	13
3	Deriving Surface Ages on Mars Using Automated Crater Counting. Earth and Space Science, 2020, 7, e2019EA001005.	2.6	19
4	Murrili meteorite's fall and recovery from Kati Thanda. Meteoritics and Planetary Science, 2020, 55, 2157-2168.	1.6	10
5	"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
6	The Dingle Dell meteorite: A Halloween treat from the Main Belt. Meteoritics and Planetary Science, 2018, 53, 2212-2227.	1.6	31
7	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
8	Submillisecond fireball timing using de Bruijn timecodes. Meteoritics and Planetary Science, 2017, 52, 1669-1682.	1.6	20
9	How to build a continental scale fireball camera network. Experimental Astronomy, 2017, 43, 237-266.	3.7	46
10	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
11	The desert fireball network: A sensor network for meteorite tracking and recovery. , 2016, , .		0
12	FILTERING METEOROID FLIGHTS USING MULTIPLE UNSCENTED KALMAN FILTERS. Astronomical Journal, 2016, 152, 148.	4.7	4
13	A novel approach to fireball modeling: The observable and the calculated. Meteoritics and Planetary Science, 2015, 50, 1423-1435.	1.6	30
14	Characterising fireballs for mass determination: Steps toward automating the Australian desert fireball network. , 2014, , .		1
15	Advanced digital fireball observatories: Enabling the expansion of the desert fireball network. , 2014, , .		0
16	Automated crater detection and counting using the hough transform. , 2014, , .		10
17	Global tracking control of quadrotor VTOL aircraft in three dimensional space. , 2013, , .		3
18	Improving Robustness of Vision Based Localization Under Dynamic Illumination. Studies in Computational Intelligence, 2013, , 155-170.	0.9	2

#	Article	IF	Citations
19	A modular hybrid SLAM for the 3D mapping of large scale environments. , 2012, , .		1
20	Vision based localization under dynamic illumination. , 2011, , .		3
21	Robotics for Urban Search and Rescue. , 2006, , .		2
22	Stability of reset switching systems. , 2003, , .		3
23	Optimal transfer schemes for switching controllers. , 0, , .		15
24	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