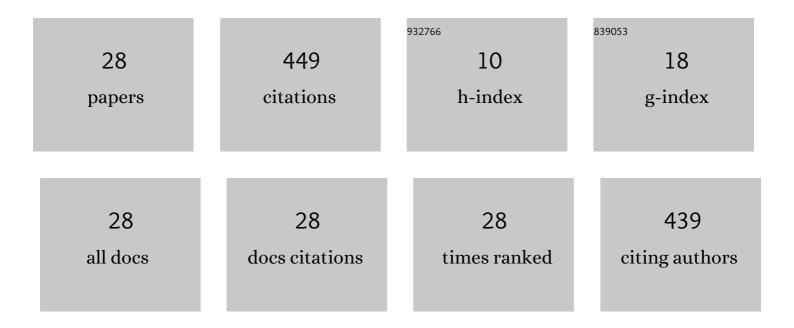
Peter G Tuthill

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Images of embedded Jovian planet formation at a wide separation around AB Aurigae. Nature Astronomy, 2022, 6, 751-759.	4.2	63
2	Scalable photonic-based nulling interferometry with the dispersed multi-baseline GLINT instrument. Nature Communications, 2021, 12, 2465.	5.8	18
3	Learning the lantern: neural network applications to broadband photonic lantern modeling. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.0	1
4	Phase retrieval and design with automatic differentiation: tutorial. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2465.	0.9	8
5	Kernel Phase and Coronagraphy with Automatic Differentiation. Astrophysical Journal, 2021, 907, 40.	1.6	11
6	First on-sky demonstration of an integrated-photonic nulling interferometer: the GLINT instrument. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4180-4193.	1.6	34
7	High-contrast $H\hat{I}\pm$ imaging with Subaru/SCExAO + VAMPIRES. Journal of Astronomical Telescopes, Instruments, and Systems, 2020, 6, .	1.0	6
8	Resolving Decades of Periodic Spirals from the Wolf–Rayet Dust Factory WR 112. Astrophysical Journal, 2020, 900, 190.	1.6	11
9	The TOLIMAN space telescope. , 2018, , .		7
10	Multiplexed holographic aperture masking with liquid-crystal geometric phase masks. , 2018, , .		5
11	Precision astrometry mission for exoplanet detection around binary stars. , 2018, , .		4
12	Towards an ultrafast laser inscribed astronomical nulling interferometer in the mid-infrared. , 2017, ,		0
13	Measuring stellar diameters with a compact integrated photonic nulling interferometer in a 8 meter-class telescope. , 2017, , .		0
14	The origin of the dusty envelope around Betelgeuse. Proceedings of the International Astronomical Union, 2016, 12, 405-405.	0.0	0
15	The Palomar kernel-phase experiment: testing kernel phase interferometry for ground-based astronomical observations. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1647-1653.	1.6	13
16	High-angular-resolution stellar imaging with occultations from the <i>Cassini</i> spacecraft – III. Mira. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1410-1418.	1.6	8
17	DISCOVERY OF SEVEN COMPANIONS TO INTERMEDIATE-MASS STARS WITH EXTREME MASS RATIOS IN THE SCORPIUS–CENTAURUS ASSOCIATION. Astrophysical Journal Letters, 2015, 806, L9.	3.0	44
18	A demonstration of wavefront sensing and mirror phasing from the image domain. Monthly Notices of the Royal Astronomical Society, 2014, 440, 125-133.	1.6	24

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#	Article	IF	CITATIONS
19	Simulating a dual beam combiner at SUSI for narrow-angle astrometry. Experimental Astronomy, 2013, 36, 195-221.	1.6	2
20	High-angular-resolution stellar imaging with occultations from the Cassini spacecraft – I. Observational technique. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2286-2293.	1.6	9
21	DANCING IN THE DARK: NEW BROWN DWARF BINARIES FROM KERNEL PHASE INTERFEROMETRY. Astrophysical Journal, 2013, 767, 110.	1.6	25
22	Improved performance characteristics for the integrated photonic pupil remapping interferometer dragonfly. , 2013, , .		0
23	Prospects for integrated photonics in space applications. , 2011, , .		0
24	Pinwheels in the Quintuplet Cluster. Science, 2006, 313, 935-935.	6.0	48
25	Schrödinger's mousetrap. Nature, 2005, 434, 277-277.	13.7	0
26	Optical/IR Interferometry: Star Formation at sub-AU Scales. Symposium - International Astronomical Union, 2004, 221, 433-440.	0.1	0
27	Interferometry of pulsating red giants from 0.65 to 3.5 microns. International Astronomical Union Colloquium, 2004, 193, 327-331.	0.1	2
28	A dusty torus around the luminous young star LkHÎ ± 101 . Nature, 2001, 409, 1012-1014.	13.7	106