

# James Gilbert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/31240/publications.pdf>

Version: 2024-02-01

28  
papers

254  
citations

1163117

8  
h-index

1199594

12  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1018  
citing authors

#	ARTICLE	IF	CITATIONS
1	4MOST: 4-metre Multi-Object Spectroscopic Telescope. Proceedings of SPIE, 2014, , .	0.8	53
2	Project overview and update on WEAVE: the next generation wide-field spectroscopy facility for the William Herschel Telescope. Proceedings of SPIE, 2014, , .	0.8	47
3	Planet Hunters TESS I: TOIâ€™813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit. Monthly Notices of the Royal Astronomical Society, 2020, 494, 750-763.	4.4	41
4	Final design and progress of WEAVE: the next generation wide-field spectroscopy facility for the William Herschel Telescope. Proceedings of SPIE, 2016, , .	0.8	20
5	MANIFEST instrument concept and related technologies. Proceedings of SPIE, 2012, , .	0.8	18
6	Hector: a high-multiplex survey instrument for spatially resolved galaxy spectroscopy. Proceedings of SPIE, 2012, , .	0.8	11
7	MAVIS conceptual design. , 2020, , .		11
8	Starbugs: all-singing, all-dancing fibre positioning robots. , 2012, , .		8
9	'MOHAWK: a 4000-fiber positioner for DESpec. , 2012, , .		8
10	Advances in the Echidna fiber-positioning technology. Proceedings of SPIE, 2014, , .	0.8	8
11	TAIPAN: optical spectroscopy with StarBugs. Proceedings of SPIE, 2014, , .	0.8	8
12	Starbugs: focal plane fiber positioning technology. , 2010, , .		5
13	Capability of detecting ultraviolet counterparts of gravitational waves with GLUV. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4521-4531.	4.4	5
14	MAVIS: science case, imager, and spectrograph. , 2020, , .		4
15	Concepts for multi-IFU robotic positioning systems. Proceedings of SPIE, 2012, , .	0.8	2
16	Starbug fibre positioning robots: performance and reliability enhancements. , 2014, , .		2
17	The first SPIE software Hack Day. Proceedings of SPIE, 2014, , .	0.8	1
18	Developments in fiber-positioning technology for the WEAVE instrument at the William Herschel Telescope. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Emu: a case study for TDI-like imaging for infrared observation from space. Journal of Astronomical Telescopes, Instruments, and Systems, 2022, 8, .	1.8	1
20	Fibre positioning concept for the WEAVE spectrograph at the WHT. Proceedings of SPIE, 2014, , .	0.8	0
21	Beating the heat! automated characterization of piezoelectric tubes for Starbugs. , 2014, , .		0
22	Echidna Mark II: one giant leap for 'tilting spine' fibre positioning technology. , 2016, , .		0
23	Lucky imaging with the Leonardo SAPHIRA at Siding Spring Observatory. , 2020, , .		0
24	A flexible cost-effective detector controller for space. , 2020, , .		0
25	GLUV pathfinder mission. , 2020, , .		0
26	Emu: a near-infrared wide-field photometer for space. , 2020, , .		0
27	A space-based near-infrared sky survey to study the oxygen abundance in cool stars. , 2020, , .		0
28	GLUV Pathfinder: setting up for rapid cadence UV monitoring of the transient universe. , 2020, , .		0