

# Giorgio Savini

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

634  
citations

759233

12  
h-index

839539

18  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
2	Exoplanet spectroscopy and photometry with the Twinkle space telescope. <i>Experimental Astronomy</i> , 2019, 47, 29-63.	3.7	47
3	Achromatic half-wave plate for submillimeter instruments in cosmic microwave background astronomy: modeling and simulation. <i>Applied Optics</i> , 2006, 45, 8907.	2.1	45
4	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. <i>Astrophysical Journal</i> , 2020, 899, 28.	4.5	39
5	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core $\rho$ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
6	The Next Generation BLAST Experiment. <i>Journal of Astronomical Instrumentation</i> , 2014, 03, .	1.5	34
7	A new artificial material approach for flat THz frequency lenses. <i>Optics Express</i> , 2012, 20, 25766.	3.4	33
8	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
9	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. <i>Astrophysical Journal Letters</i> , 2021, 912, L27.	8.3	21
10	Recovering the frequency dependent modulation function of the achromatic half-wave plate for POL-2: the SCUBA-2 polarimeter. <i>Applied Optics</i> , 2009, 48, 2006.	2.1	18
11	Polypropylene embedded metal mesh broadband achromatic half-wave plate for millimeter wavelengths. <i>Applied Optics</i> , 2011, 50, 3750.	2.1	18
12	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022, 926, 163.	4.5	16
13	The JCMT BISTRO Survey: An 850/450 $\mu$ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
14	Development of large-diameter flat mesh-lenses for millimetre wave instrumentation. , 2018, , .		7
15	A dual-port THz Time Domain Spectroscopy System optimized for recovery of a sample's Jones matrix. <i>Scientific Reports</i> , 2019, 9, 2099.	3.3	6
16	SAGACE: THE SPECTROSCOPIC ACTIVE GALAXIES AND CLUSTERS EXPLORER. , 2012, , .		6
17	Small bodies science with the Twinkle space telescope. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	3
18	Dual focus polarisation splitting lens. <i>Optics Express</i> , 2017, 25, 25363.	3.4	2

#	ARTICLE	IF	CITATIONS
19	Non-gray, Month-long Brightening of KIC 8462852 in the Immediate Aftermath of a Deep Dip. Publications of the Astronomical Society of the Pacific, 2019, 131, 084204.	3.1	2
20	Detailed Characterization of a Lens-shaped mm-Wave Flat Lens. IEEE Transactions on Antennas and Propagation, 2019, 67, 3178-3184.	5.1	2
21	Dual focus polarisation lens: Theory. , 2014, , .		1
22	A focusing metamaterial based Wollaston Prism. , 2014, , .		1
23	A metal mesh flat prism for MM-wave applications. , 2015, , .		1
24	MetaTel: Ongoing work on a meta-material sub-THz telescope for Earth observing. , 2021, , .		1
25	Broadband thin flat lens at sub-THz frequencies. , 2013, , .		0
26	Spatial/spectral interferometry development for far-infrared space applications. , 2014, , .		0
27	A CST simulation and performance analysis for a passive facade integratable metamaterials structure. , 2017, , .		0