

Edward Polehampton

List of Publications by Year in descending order

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19
papers

232
citations

1163117

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1058476

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g-index

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436
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>HERSCHEL</i> FAR-INFRARED SPECTRAL-MAPPING OF ORION BN/KL OUTFLOWS: SPATIAL DISTRIBUTION OF EXCITED CO, H ₂ O, OH, O, AND C ⁺ IN SHOCKED GAS. <i>Astrophysical Journal</i> , 2015, 799, 102.	4.5	41
2	Beam profile for the <i>Herschel</i> SPIRE Fourier transform spectrometer. <i>Applied Optics</i> , 2013, 52, 3864.	1.8	39
3	A multiwavelength view at the heart of the superwind in NGC253. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 689-697.	4.4	31
4	<i>Herschel</i> -SPIRE: design, ground test results, and predicted performance. <i>Proceedings of SPIE</i> , 2008, , .	0.8	29
5	Status of the SPIRE photometer data processing pipelines during the early phases of the <i>Herschel</i> Mission. <i>Proceedings of SPIE</i> , 2010, , .	0.8	15
6	The data processing pipelines for the <i>Herschel</i> /SPIRE imaging Fourier transform spectrometer. <i>Proceedings of SPIE</i> , 2010, , .	0.8	15
7	<i>Herschel</i> SPIRE FTS relative spectral response calibration. <i>Experimental Astronomy</i> , 2014, 37, 381-395.	3.7	11
8	Sentinel-3 active fire detection and FRP product performance - Impact of scan angle and SLSTR middle infrared channel selection. <i>Remote Sensing of Environment</i> , 2021, 261, 112460.	11.0	10
9	Comparison of the Sentinel-3A and B SLSTR Tandem Phase Data Using Metrological Principles. <i>Remote Sensing</i> , 2020, 12, 2893.	4.0	8
10	The <i>Herschel</i> -SPIRE photometer data processing pipeline. <i>Proceedings of SPIE</i> , 2008, , .	0.8	7
11	The data processing pipeline for the <i>Herschel</i> /SPIRE imaging Fourier Transform Spectrometer. <i>Proceedings of SPIE</i> , 2008, , .	0.8	6
12	Relative pointing offset analysis of calibration targets with repeated observations with <i>Herschel</i> -SPIRE Fourier-transform spectrometer. <i>Experimental Astronomy</i> , 2014, 37, 207-223.	3.7	6
13	Traceability of the Sentinel-3 SLSTR Level-1 Infrared Radiometric Processing. <i>Remote Sensing</i> , 2021, 13, 374.	4.0	6
14	<i>Herschel</i> SPIRE FTS spectral mapping calibration. <i>Experimental Astronomy</i> , 2014, 37, 357.	3.7	5
15	Preliminary results from <i>Herschel</i> -SPIRE flight instrument testing. , 2006, , .		3
16	Determination of the beam profile for the <i>Herschel</i> -SPIRE Imaging Fourier Transform Spectrometer. , 2013, , .		0
17	<i>Herschel</i> SPIRE FTS Spectral Line Source Calibrators. , 2015, , .		0
18	<i>Herschel</i> SPIRE FTS data processing of partially extended sources. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	The Herschel/SPIRE Spectrometer Phase Correction Data Processing Tasks. , 2015, , .		0