

Michael Seiffert

List of Publications by Year in descending order

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41
papers

3,102
citations

331670

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345221

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41
all docs

41
docs citations

41
times ranked

3854
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint Analysis of BICEP2/Keck Array and Planck Data. Physical Review Letters, 2015, 114, 101301.	7.8	819
2	Extragalactic science, cosmology, and Galactic archaeology with the Subaru Prime Focus Spectrograph. Publication of the Astronomical Society of Japan, 2014, 66, .	2.5	469
3	Planck early results. I. The Planck mission. Astronomy and Astrophysics, 2011, 536, A1.	5.1	394
4	ARCADE 2 MEASUREMENT OF THE ABSOLUTE SKY BRIGHTNESS AT 3-90 GHz. Astrophysical Journal, 2011, 734, 5.	4.5	219
5	Modeling the Radio Background from the First Black Holes at Cosmic Dawn: Implications for the 21 cm Absorption Amplitude. Astrophysical Journal, 2018, 868, 63.	4.5	149
6	INTERPRETATION OF THE ARCADE 2 ABSOLUTE SKY BRIGHTNESS MEASUREMENT. Astrophysical Journal, 2011, 734, 6.	4.5	100
7	Cosmic Microwave Background Component Separation by Parameter Estimation. Astrophysical Journal, 2006, 641, 665-682.	4.5	98
8	FIRST SEASON QUIET OBSERVATIONS: MEASUREMENTS OF COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRA AT 43 GHz IN THE MULTIPOLE RANGE $25 \leq l \leq 475$. Astrophysical Journal, 2011, 741, 111.		84
9	SECOND SEASON QUIET OBSERVATIONS: MEASUREMENTS OF THE COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRUM AT 95 GHz. Astrophysical Journal, 2012, 760, 145.	4.5	79
10	Degree-scale anisotropy in the cosmic microwave background: SP94 results. Astrophysical Journal, 1995, 443, L57.	4.5	71
11	A degree-scale measurement of anisotropy of the cosmic background radiation. Astrophysical Journal, 1992, 398, L1.	4.5	67
12	ARCADE 2 OBSERVATIONS OF GALACTIC RADIO EMISSION. Astrophysical Journal, 2011, 734, 4.	4.5	64
13	Cosmic background radiation anisotropy at degree angular scales - Further results from the South Pole. Astrophysical Journal, 1993, 412, L47.	4.5	49
14	THE ARCADE 2 INSTRUMENT. Astrophysical Journal, 2011, 730, 138.	4.5	46
15	THE Q/U IMAGING EXPERIMENT INSTRUMENT. Astrophysical Journal, 2013, 768, 9.	4.5	45
16	Planck 2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	5.1	41
17	The Temperature of the Cosmic Microwave Background at 10 GHz. Astrophysical Journal, 2004, 612, 86-95.	4.5	34
18	An upper limit to polarized submillimetre emission in Arp 220. Monthly Notices of the Royal Astronomical Society, 2007, 374, 409-414.	4.4	25

#	ARTICLE	IF	CITATIONS
19	Prime focus spectrograph: Subaru's future. Proceedings of SPIE, 2012, , .	0.8	24
20	An Instrument to Measure the Temperature of the Cosmic Microwave Background Radiation at Centimeter Wavelengths. Astrophysical Journal, Supplement Series, 2004, 154, 493-499.	7.7	22
21	The advanced cosmic microwave explorer - A millimeter-wave telescope and stabilized platform. Astrophysical Journal, 1993, 406, 12.	4.5	22
22	Noise properties of the Planck-LFI receivers. Journal of Instrumentation, 2009, 4, T12009-T12009.	1.2	20
23	Developing engineering model Cobra fiber positioners for the Subaru Telescope's prime focus spectrometer. Proceedings of SPIE, 2014, , .	0.8	20
24	A low noise thermometer readout for ruthenium oxide resistors. Review of Scientific Instruments, 2002, 73, 3659-3663.	1.3	17
25	Planar Polarimetry Receivers for Large Imaging Arrays at Q-band. , 2006, , .		15
26	A Map of the Cosmic Microwave Background from the BEAST Experiment. Astrophysical Journal, Supplement Series, 2005, 158, 101-108.	7.7	14
27	Long-Term Multiwavelength Observations of GRS 1758+258 and the Advection-dominated Accretion Flow Model. Astrophysical Journal, 2001, 563, 301-312.	4.5	13
28	The Background Emission Anisotropy Scanning Telescope (BEAST) Instrument Description and Performances. Astrophysical Journal, Supplement Series, 2005, 158, 124-138.	7.7	13
29	Space-quality data from balloon-borne telescopes: The High Altitude Lensing Observatory (HALO). Astroparticle Physics, 2012, 38, 31-40.	4.3	13
30	Galactic Foreground Contribution to the BEAST Cosmic Microwave Background Anisotropy Maps. Astrophysical Journal, Supplement Series, 2005, 158, 109-117.	7.7	12
31	The Cosmic Microwave Background Anisotropy Power Spectrum from the BEAST Experiment. Astrophysical Journal, Supplement Series, 2005, 158, 93-100.	7.7	12
32	Euclid near infrared spectrophotometer instrument concept and first test results at the end of phase B. Proceedings of SPIE, 2014, , .	0.8	8
33	Euclid Near Infrared Spectrometer and Photometer instrument concept and first test results obtained for different breadboards models at the end of phase C. Proceedings of SPIE, 2016, , .	0.8	8
34	Millimeter-wave MMIC cameras and the QUIET experiment. , 2004, , .		4
35	A Flexible Quasioptical Input System for a Submillimeter Multiobject Spectrometer. Publications of the Astronomical Society of the Pacific, 2009, 121, 735-742.	3.1	3
36	Manufacturability and performance of 2.3- μm HgCdTe H2RG sensor chip assemblies for Euclid. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
37	The Gamma Ray Arcminute Telescope Imaging System (GRATIS) Detector Performance And Imaging. Proceedings of SPIE, 1989, 1159, 36.	0.8	2
38	Focal Ratio Degradation for Fiber Positioner Operation in Astronomical Spectrographs. Journal of Astronomical Instrumentation, 2019, 08, 1950007.	1.5	2
39	Electric Field Enhanced Hopping Conductivity in Thin Film Carbon Thermometers. Japanese Journal of Applied Physics, 1987, 26, 1745.	1.5	1
40	Millimeter-wave array receivers for remote sensing. , 2006, 6410, 144.		1
41	UCSB HEMT-ACME South Pole 1990-91 Resultsa. Annals of the New York Academy of Sciences, 1993, 688, 804-808.	3.8	0