

Omid Noroozian

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

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623734

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docs citations

27
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Solenoidal Haloscope for Terahertz Axion Detection. <i>Physical Review Letters</i> , 2022, 128, 131801.	7.8	49
2	The Experiment for Cryogenic Large-Aperture Intensity Mapping (EXCLAIM). <i>Journal of Low Temperature Physics</i> , 2020, 199, 1027-1037.	1.4	17
3	Growth and Characterization of NbTiN Films Synthesized by Reactive Bias Target Ion Beam Deposition (RBTIBD). <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	4
4	Second-generation Micro-Spec: A compact spectrometer for far-infrared and submillimeter space missions. <i>Acta Astronautica</i> , 2019, 162, 155-159.	3.2	5
5	Second-Generation Design of Micro-Spec: A Medium-Resolution, Submillimeter-Wavelength Spectrometer-on-a-Chip. <i>Journal of Low Temperature Physics</i> , 2018, 193, 923-930.	1.4	17
6	Toward Large Field-of-View High-Resolution X-ray Imaging Spectrometers: Microwave Multiplexed Readout of 28 TES Microcalorimeters. <i>Journal of Low Temperature Physics</i> , 2018, 193, 258-266.	1.4	16
7	A Cryogenic Waveguide Mount for Microstrip Circuit and Material Characterization. <i>IEEE Transactions on Applied Superconductivity</i> , 2017, 27, 1-4.	1.7	3
8	Design and performance of a high resolution $\lambda/4$ -spec: an integrated sub-millimeter spectrometer. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
9	PECULIAR VELOCITY CONSTRAINTS FROM FIVE-BAND SZ EFFECT MEASUREMENTS TOWARD RX J1347.5 \hat{a} "1145 WITH MUSIC AND BOLOCAM FROM THE CSO. <i>Astrophysical Journal</i> , 2016, 820, 101.	4.5	20
10	The status of MUSIC: the multiwavelength sub-millimeter inductance camera. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
11	High-resolution gamma-ray spectroscopy with a microwave-multiplexed transition-edge sensor array. <i>Applied Physics Letters</i> , 2013, 103, 202602.	3.3	61
12	Operation of a titanium nitride superconducting microresonator detector in the nonlinear regime. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	75
13	Status of MUSIC, the Multiwavelength Sub/millimeter Inductance Camera. <i>Proceedings of SPIE</i> , 2012, , .	0.8	17
14	The Status of Music: A Multicolor Sub/millimeter MKID Instrument. <i>Journal of Low Temperature Physics</i> , 2012, 167, 347-353.	1.4	16
15	Crosstalk Reduction for Superconducting Microwave Resonator Arrays. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012, 60, 1235-1243.	4.6	61
16	Optics for MUSIC: a new (sub)millimeter camera for the Caltech Submillimeter Observatory. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
17	MKID multicolor array status and results from DemoCam. <i>Proceedings of SPIE</i> , 2010, , .	0.8	12
18	Optimization of MKID noise performance via readout technique for astronomical applications. , 2010, , .		4

#	ARTICLE	IF	CITATIONS
19	An open-source readout for MKIDs. Proceedings of SPIE, 2010, , .	0.8	24
20	MUSIC for sub/millimeter astrophysics. Proceedings of SPIE, 2010, , .	0.8	23
21	Microwave crosstalk in lumped element far-IR MKIDs. , 2010, , .		2
22	Titanium nitride films for ultrasensitive microresonator detectors. Applied Physics Letters, 2010, 97, .	3.3	191
23	The cryomechanical design of MUSIC: a novel imaging instrument for millimeter-wave astrophysics at the Caltech Submillimeter Observatory. Proceedings of SPIE, 2010, , .	0.8	4
24	Two-level system noise reduction for Microwave Kinetic Inductance Detectors. AIP Conference Proceedings, 2009, , .	0.4	45
25	Measurement of loss in superconducting microstrip at millimeter-wave frequencies. AIP Conference Proceedings, 2009, , .	0.4	11
26	A microwave kinetic inductance camera for sub/millimeter astrophysics. , 2008, , .		2
27	Optimizing Superconducting Matching Circuits for Nb SIS Mixers Operating Around the Gap Frequency. IEEE Transactions on Applied Superconductivity, 2007, 17, 375-378.	1.7	6