

Kendrick M Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9758631/publications.pdf>

Version: 2024-02-01

27
papers

1,006
citations

516710

16
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1423
citing authors

#	ARTICLE	IF	CITATIONS
1	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 59.	7.7	199
2	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021, 923, 1.	4.5	109
3	A Comparison of Whole Genome Sequencing of SARS-CoV-2 Using Amplicon-Based Sequencing, Random Hexamers, and Bait Capture. <i>Viruses</i> , 2020, 12, 895.	3.3	86
4	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zeldovich measurements from BOSS CMASS and LOWZ halos. <i>Physical Review D</i> , 2021, 103, .	4.7	76
5	Constraining local non-Gaussianities with kinetic Sunyaev-Zeldovich tomography. <i>Physical Review D</i> , 2019, 100, .	4.7	48
6	A Local Universe Host for the Repeating Fast Radio Burst FRB 20181030A. <i>Astrophysical Journal Letters</i> , 2021, 919, L24.	8.3	46
7	Detecting Patchy Reionization in the Cosmic Microwave Background. <i>Physical Review Letters</i> , 2017, 119, 021301.	7.8	45
8	Cosmology with the kinematic Sunyaev-Zeldovich effect: Breaking the optical depth degeneracy with fast radio bursts. <i>Physical Review D</i> , 2019, 100, .	4.7	41
9	CHIME/FRB Catalog 1 Results: Statistical Cross-correlations with Large-scale Structure. <i>Astrophysical Journal</i> , 2021, 922, 42.	4.5	40
10	Sub-second periodicity in a fast radio burst. <i>Nature</i> , 2022, 607, 256-259.	27.8	37
11	Using large scale structure to measure $\int_0^z \frac{dz'}{H(z')}$. <i>Physical Review D</i> , 2015, 91, .	4.7	35
12	Transverse Velocities with the Moving Lens Effect. <i>Physical Review Letters</i> , 2019, 123, 061301.	7.8	29
13	Quantifying the BICEP2-Planck Tension over Gravitational Waves. <i>Physical Review Letters</i> , 2014, 113, 031301.	7.8	28
14	Hydrogen Intensity and Real-Time Analysis Experiment: 256-element array status and overview. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	22
15	Characterizing the epoch of reionization with the small-scale CMB: Constraints on the optical depth and duration. <i>Physical Review D</i> , 2018, 98, .	4.7	18
16	Accurate analytic model for the weak lensing convergence one-point probability distribution function and its autocovariance. <i>Physical Review D</i> , 2020, 102, .	4.7	17
17	Cosmology with the moving lens effect. <i>Physical Review D</i> , 2021, 104, .	4.7	17
18	Holographic beam mapping of the CHIME pathfinder array. <i>Proceedings of SPIE</i> , 2016, , .	0.8	16

#	ARTICLE	IF	CITATIONS
19	Algorithms for FFT Beamforming Radio Interferometers. <i>Astrophysical Journal</i> , 2019, 879, 16.	4.5	14
20	Characterizing fast radio bursts through statistical cross-correlations. <i>Physical Review D</i> , 2020, 102, .	4.7	14
21	Accurate analytic model for the thermal Sunyaev-Zelâ€™dovich one-point probability distribution function. <i>Physical Review D</i> , 2019, 99, .	4.7	13
22	CHIME FRB: An application of FFT beamforming for a radio telescope. , 2017, , .		12
23	Multiband Detection of Repeating FRB 20180916B. <i>Astrophysical Journal</i> , 2022, 932, 98.	4.5	12
24	Testing and extending the inflationary consistency relation for tensor modes. <i>Physical Review D</i> , 2015, 92, .	4.7	9
25	Symmetric Satellite Swarms and Choreographic Crystals. <i>Physical Review Letters</i> , 2016, 116, 015503.	7.8	8
26	Reconstructing CMB fluctuations and the mean reionization optical depth. <i>Physical Review D</i> , 2017, 95, .	4.7	8
27	A GPU-based correlator X-engine implemented on the CHIME Pathfinder. , 2015, , .		7