Douglas Clowe

List of Publications by Year in descending order

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30 papers	4,574 citations	331670 21 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	7405 citing authors

#	Article	IF	Citations
1	LoVoCCS. I. Survey Introduction, Data Processing Pipeline, and Early Science Results. Astrophysical Journal, 2022, 933, 84.	4.5	2
2	Impact of point spread function higher moments error on weak gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1978-1993.	4.4	6
3	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	7.7	57
4	Detecting baryon acoustic oscillations in dark matter from kinematic weak lensing surveys. Monthly Notices of the Royal Astronomical Society, 2019, 487, 253-267.	4.4	1
5	Preprocessing among the Infalling Galaxy Population of EDisCS Clusters. Astrophysical Journal, 2019, 885, 6.	4.5	18
6	Dark matter dynamics in Abell 3827: new data consistent with standard cold dark matter. Monthly Notices of the Royal Astronomical Society, 2018, 477, 669-677.	4.4	22
7	Weak lensing study of 16 DAFT/FADA clusters: Substructures and filaments. Astronomy and Astrophysics, 2016, 590, A69.	5.1	21
8	The evolution of the cluster optical galaxy luminosity function betweenz= 0.4 and 0.9 in the DAFT/FADA survey. Astronomy and Astrophysics, 2015, 575, A116.	5.1	21
9	The behaviour of dark matter associated with four bright cluster galaxies in the 10Âkpc core of Abell 3827. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3393-3406.	4.4	147
10	The Dark Matter filament between Abell 222/223 â€“ ERRATUM. Proceedings of the International Astronomical Union, 2014, 11, .	0.0	0
11	The Dark Matter filament between Abell 222/223. Proceedings of the International Astronomical Union, 2014, 11, 193-198.	0.0	1
12	USING THE BULLET CLUSTER AS A GRAVITATIONAL TELESCOPE TO STUDYzâ‰³ 7 LYMAN BREAK GALAXIES. Astrophysical Journal, 2012, 745, 155.	4.5	29
13	SPECTROSCOPIC CONFIRMATION OF A z = 6.740 GALAXY BEHIND THE BULLET CLUSTER. Astrophysical Journal Letters, 2012, 755, L7.	8.3	31
14	Resource Letter GL-1: Gravitational Lensing. American Journal of Physics, 2012, 80, 753-763.	0.7	16
15	ON DARK PEAKS AND MISSING MASS: A WEAK-LENSING MASS RECONSTRUCTION OF THE MERGING CLUSTER SYSTEM A520,. Astrophysical Journal, 2012, 758, 128.	4.5	63
16	A filament of dark matter between two clusters of galaxies. Nature, 2012, 487, 202-204.	27.8	103
17	STAR FORMATION IN THE BULLET CLUSTER. I. THE INFRARED LUMINOSITY FUNCTION AND STAR FORMATION RATE,. Astrophysical Journal, 2010, 725, 1536-1549.	4.5	36
18	A MULTIPLY IMAGED LUMINOUS INFRARED GALAXY BEHIND THE BULLET CLUSTER (1E0657-56). Astrophysical Journal, 2009, 691, 525-530.	4.5	21

#	Article	IF	Citations
19	IMPACTS OF A SUPERSONIC SHOCK FRONT ON STAR FORMATION IN THE BULLET CLUSTER. Astrophysical Journal, 2009, 691, 963-970.	4.5	23
20	THE ENVIRONMENTS OF STARBURST AND POST-STARBURST GALAXIES ATz= 0.4-0.8. Astrophysical Journal, 2009, 693, 112-131.	4.5	129
21	THE REST-FRAME OPTICAL LUMINOSITY FUNCTION OF CLUSTER GALAXIES ATz< 0.8 AND THE ASSEMBLY OF THE CLUSTER RED SEQUENCE. Astrophysical Journal, 2009, 700, 1559-1588.	4.5	90
22	FOCUSING COSMIC TELESCOPES: EXPLORING REDSHIFTzâ¼ 5-6 GALAXIES WITH THE BULLET CLUSTER 1E0657 â€“ 56. Astrophysical Journal, 2009, 706, 1201-1212.	4.5	104
23	A new look at massive clusters: weak lensing constraints on the triaxial dark matter haloes of A1689, A1835 and A2204. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1235-1254.	4.4	86
24	Constraints on the Selfâ€Interaction Cross Section of Dark Matter from Numerical Simulations of the Merging Galaxy Cluster 1E 0657â56. Astrophysical Journal, 2008, 679, 1173-1180.	4.5	552
25	The Relation between Star Formation, Morphology, and Local Density in Highâ€Redshift Clusters and Groups. Astrophysical Journal, 2008, 684, 888-904.	4.5	128
26	The Shear Testing Programme 2: Factors affecting high-precision weak-lensing analyses. Monthly Notices of the Royal Astronomical Society, 2007, 376, 13-38.	4.4	321
27	A Direct Empirical Proof of the Existence of Dark Matter. Astrophysical Journal, 2006, 648, L109-L113.	4.5	1,440
28	Strong and Weak Lensing United. III. Measuring the Mass Distribution of the Merging Galaxy Cluster 1ES 0657â558. Astrophysical Journal, 2006, 652, 937-947.	4.5	254
29	The Shear Testing Programme â€“ I. Weak lensing analysis of simulated ground-based observations. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1323-1339.	4.4	389
30	Weakâ€Lensing Mass Reconstruction of the Interacting Cluster 1E 0657â558: Direct Evidence for the Existence of Dark Matter. Astrophysical Journal, 2004, 604, 596-603.	4.5	463