

John Dubinski

List of Publications by Year in descending order

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34
papers

3,646
citations

201674

27
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

2592
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure of cold dark matter halos. <i>Astrophysical Journal</i> , 1991, 378, 496.	4.5	664
2	The remnants of galaxy formation from a panoramic survey of the region around M31. <i>Nature</i> , 2009, 461, 66-69.	27.8	497
3	The Origin of the Brightest Cluster Galaxies. <i>Astrophysical Journal</i> , 1998, 502, 141-149.	4.5	262
4	The effect of dissipation on the shapes of dark halos. <i>Astrophysical Journal</i> , 1994, 431, 617.	4.5	223
5	Equilibrium Disk+ Bulge+ Halo Models for the Milky Way and Andromeda Galaxies. <i>Astrophysical Journal</i> , 2005, 631, 838-855.	4.5	202
6	Dynamical Blueprints for Galaxies. <i>Astrophysical Journal</i> , 2008, 679, 1239-1259.	4.5	176
7	A parallel tree code. <i>New Astronomy</i> , 1996, 1, 133-147.	1.8	122
8	PAndAS TM CUBS: DISCOVERY OF TWO NEW DWARF GALAXIES IN THE SURROUNDINGS OF THE ANDROMEDA AND TRIANGULUM GALAXIES. <i>Astrophysical Journal</i> , 2009, 705, 758-765.	4.5	118
9	Using Tidal Tails to Probe Dark Matter Halos. <i>Astrophysical Journal</i> , 1996, 462, 576.	4.5	107
10	ANATOMY OF THE BAR INSTABILITY IN CUSPY DARK MATTER HALOS. <i>Astrophysical Journal</i> , 2009, 697, 293-310.	4.5	104
11	Deep CCD Surface Photometry of Galaxy Clusters. II. Searching for Intracluster Starlight in Non-CD clusters. <i>Astrophysical Journal</i> , 2004, 609, 617-637.	4.5	103
12	Parallel TreeSPH. <i>New Astronomy</i> , 1997, 2, 277-297.	1.8	96
13	Constraining Dark Halo Potentials with Tidal Tails. <i>Astrophysical Journal</i> , 1999, 526, 607-622.	4.5	93
14	Detailed comparison of the structures and kinematics of simulated and observed barred galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 251-264.	4.4	85
15	THE HORIZON RUN-N-BODY SIMULATION: BARYON ACOUSTIC OSCILLATIONS AND TOPOLOGY OF LARGE-SCALE STRUCTURE OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2009, 701, 1547-1559.	4.5	81
16	GOTPM: a parallel hybrid particle-mesh treecode. <i>New Astronomy</i> , 2004, 9, 111-126.	1.8	80
17	Detection of Dark Matter Skewness in the VIRMOS+DESCART Survey: Implications for Ω_0 . <i>Astrophysical Journal</i> , 2003, 592, 664-673.	4.5	79
18	Intrinsic Shapes of Molecular Cloud Cores. <i>Astrophysical Journal</i> , 2001, 551, 387-393.	4.5	62

#	ARTICLE	IF	CITATIONS
19	Cosmological tidal shear. <i>Astrophysical Journal</i> , 1992, 401, 441.	4.5	56
20	THE PHOTOMETRIC PROPERTIES OF A VAST STELLAR SUBSTRUCTURE IN THE OUTSKIRTS OF M33. <i>Astrophysical Journal</i> , 2010, 723, 1038-1052.	4.5	55
21	Tidal Tales Two: The Effect of Dark Matter Halos on Tidal Tail Morphology and Kinematics. <i>Astrophysical Journal</i> , 1998, 494, 183-193.	4.5	54
22	PAndAS IN THE MIST: THE STELLAR AND GASEOUS MASS WITHIN THE HALOS OF M31 AND M33. <i>Astrophysical Journal</i> , 2013, 763, 4.	4.5	50
23	Substructure around M31: Evolution and Effects. <i>Astrophysical Journal</i> , 2006, 653, 1180-1193.	4.5	48
24	WARPS AND BARS FROM THE EXTERNAL TIDAL TORQUES OF TUMBLING DARK HALOS. <i>Astrophysical Journal</i> , 2009, 703, 2068-2081.	4.5	47
25	The settling of warped disks in oblate dark halos. <i>Astrophysical Journal</i> , 1995, 442, 492.	4.5	47
26	MERGERS IN GALAXY GROUPS. I. STRUCTURE AND PROPERTIES OF ELLIPTICAL REMNANTS. <i>Astrophysical Journal</i> , 2013, 778, 61.	4.5	44
27	Determining the Galactic Mass Distribution Using Tidal Streams from Globular Clusters. <i>Astronomical Journal</i> , 1999, 118, 911-919.	4.7	29
28	Optimal Weak Lensing Skewness Measurements. <i>Astrophysical Journal</i> , 2003, 598, 818-826.	4.5	24
29	MERGERS IN GALAXY GROUPS. II. THE FUNDAMENTAL PLANE OF ELLIPTICAL GALAXIES. <i>Astrophysical Journal</i> , 2015, 803, 78.	4.5	17
30	Searching for MACHOs (and Other Dark Matter Candidates) in a Simulated Galaxy. <i>Astrophysical Journal</i> , 1998, 504, 12-26.	4.5	14
31	Visualizing astrophysical N-body systems. <i>New Journal of Physics</i> , 2008, 10, 125002.	2.9	3
32	The Evolution of Galaxies in Clusters. <i>Symposium - International Astronomical Union</i> , 2003, 208, 237-244.	0.1	2
33	Disk Structures from Triaxial Tumbling Halos. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 86-87.	0.0	1
34	Bars in Cuspy Dark Halos. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 165-172.	0.0	1