

Wesley Even

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,916
citations

304743

22
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2751
citing authors

#	ARTICLE	IF	CITATIONS
1	Axisymmetric Radiative Transfer Models of Kilonovae. <i>Astrophysical Journal</i> , 2021, 910, 116.	4.5	67
2	Gamma Rays from Kilonova: A Potential Probe of r-process Nucleosynthesis. <i>Astrophysical Journal</i> , 2020, 889, 168.	4.5	29
3	The Nucleosynthetic Yields of Core-collapse Supernovae: Prospects for the Next Generation of Gamma-Ray Astronomy. <i>Astrophysical Journal</i> , 2020, 890, 35.	4.5	19
4	Composition Effects on Kilonova Spectra and Light Curves. I. <i>Astrophysical Journal</i> , 2020, 899, 24.	4.5	37
5	Impact of Pulsar and Fallback Sources on Multifrequency Kilonova Models. <i>Astrophysical Journal</i> , 2019, 880, 22.	4.5	29
6	Synthetic Spectra of Pair-instability Supernovae in 3D. <i>Astrophysical Journal</i> , 2019, 875, 140.	4.5	4
7	Climate Impact of a Regional Nuclear Weapons Exchange: An Improved Assessment Based On Detailed Source Calculations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2752-2772.	3.3	19
8	Californium-254 and Kilonova Light Curves. <i>Astrophysical Journal Letters</i> , 2018, 863, L23.	8.3	80
9	The Role of Dredge-up in Double White Dwarf Mergers. <i>Astrophysical Journal</i> , 2018, 862, 74.	4.5	15
10	Parameterizing the Supernova Engine and Its Effect on Remnants and Basic Yields. <i>Astrophysical Journal</i> , 2018, 856, 63.	4.5	36
11	A Comparison of Grid-based and SPH Binary Mass-transfer and Merger Simulations. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 27.	7.7	11
12	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
13	The Emergence of a Lanthanide-rich Kilonova Following the Merger of Two Neutron Stars. <i>Astrophysical Journal Letters</i> , 2017, 848, L27.	8.3	507
14	The Supernovae Analysis Application (SNAP). <i>Astrophysical Journal</i> , 2017, 846, 101.	4.5	2
15	Light Curves and Spectra from a Unimodal Core-collapse Supernova. <i>Astrophysical Journal</i> , 2017, 845, 168.	4.5	11
16	EXTREME SUPERNOVA MODELS FOR THE SUPER-LUMINOUS TRANSIENT ASASSN-15LH. <i>Astrophysical Journal</i> , 2016, 828, 94.	4.5	32
17	FINDING THE FIRST COSMIC EXPLOSIONS. IV. $90 \leq M_{\text{odot}} \leq 140 M_{\text{odot}}$ PAIR-INSTABILITY SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 805, 44.	4.5	20
18	THE EFFECTS ON SUPERNOVA SHOCK BREAKOUT AND <i>SWIFT</i> LIGHT CURVES DUE TO THE MASS OF THE HYDROGEN-RICH ENVELOPE. <i>Astrophysical Journal</i> , 2015, 805, 98.	4.5	13

#	ARTICLE	IF	CITATIONS
19	POPULATION III HYPERNOVAE. <i>Astrophysical Journal</i> , 2014, 797, 97.	4.5	22
20	PAIR-INSTABILITY SUPERNOVAE IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , 2014, 797, 9.	4.5	31
21	SN 2010jl: OPTICAL TO HARD X-RAY OBSERVATIONS REVEAL AN EXPLOSION EMBEDDED IN A TEN SOLAR MASS COCOON. <i>Astrophysical Journal</i> , 2014, 781, 42.	4.5	110
22	FINDING THE FIRST COSMIC EXPLOSIONS. III. PULSATIONAL PAIR-INSTABILITY SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 781, 106.	4.5	40
23	THE LOS ALAMOS SUPERNOVA LIGHT-CURVE PROJECT: COMPUTATIONAL METHODS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 16.	7.7	41
24	THE SUPERNOVA THAT DESTROYED A PROTOGALAXY: PROMPT CHEMICAL ENRICHMENT AND SUPERMASSIVE BLACK HOLE GROWTH. <i>Astrophysical Journal</i> , 2013, 774, 64.	4.5	42
25	THE BIGGEST EXPLOSIONS IN THE UNIVERSE. <i>Astrophysical Journal</i> , 2013, 775, 107.	4.5	38
26	FINDING THE FIRST COSMIC EXPLOSIONS. I. PAIR-INSTABILITY SUPERNOVAE. <i>Astrophysical Journal</i> , 2013, 777, 110.	4.5	74
27	THE BIGGEST EXPLOSIONS IN THE UNIVERSE. II.. <i>Astrophysical Journal</i> , 2013, 777, 99.	4.5	31
28	SUPERMASSIVE POPULATION III SUPERNOVAE AND THE BIRTH OF THE FIRST QUASARS. <i>Astrophysical Journal</i> , 2013, 778, 17.	4.5	37
29	ILLUMINATING THE PRIMEVAL UNIVERSE WITH TYPE II _n SUPERNOVAE. <i>Astrophysical Journal</i> , 2013, 768, 195.	4.5	39
30	THE LONG-LIVED UV “PLATEAU” OF SN 2012aw. <i>Astrophysical Journal Letters</i> , 2013, 764, L13.	8.3	34
31	DO R CORONAE BOREALIS STARS FORM FROM DOUBLE WHITE DWARF MERGERS?. <i>Astrophysical Journal</i> , 2012, 757, 76.	4.5	34
32	CONSTRUCTING SYNCHRONOUSLY ROTATING DOUBLE WHITE DWARF BINARIES. <i>Astrophysical Journal, Supplement Series</i> , 2009, 184, 248-263.	7.7	13