

# Wesley Even

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4986966/publications.pdf>

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  | 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       |
| 2  | <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       |
| 3  | 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       |
| 4  | Californium-254 and Kilonova Light Curves. <i>Astrophysical Journal Letters</i> , 2018, 863, L23.  | 8.3  | 80        |
| 5  | FINDING THE FIRST COSMIC EXPLOSIONS. I. PAIR-INSTABILITY SUPERNOVAE. <i>Astrophysical Journal</i> , 2013, 777, 110.                                      | 4.5  | 74        |
| 6  | Axisymmetric Radiative Transfer Models of Kilonovae. <i>Astrophysical Journal</i> , 2021, 910, 116.  | 4.5  | 67        |
| 7  | THE SUPERNOVA THAT DESTROYED A PROTOGALAXY: PROMPT CHEMICAL ENRICHMENT AND SUPERMASSIVE BLACK HOLE GROWTH. <i>Astrophysical Journal</i> , 2013, 774, 64. | 4.5  | 42        |
| 8  | THE LOS ALAMOS SUPERNOVA LIGHT-CURVE PROJECT: COMPUTATIONAL METHODS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 204, 16.                    | 7.7  | 41        |
| 9  | FINDING THE FIRST COSMIC EXPLOSIONS. III. PULSATONAL PAIR-INSTABILITY SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 781, 106.                         | 4.5  | 40        |
| 10 | ILLUMINATING THE PRIMEVAL UNIVERSE WITH TYPE II <sub>n</sub> SUPERNOVAE. <i>Astrophysical Journal</i> , 2013, 768, 195.                                  | 4.5  | 39        |
| 11 | THE BIGGEST EXPLOSIONS IN THE UNIVERSE. <i>Astrophysical Journal</i> , 2013, 775, 107.   | 4.5  | 38        |
| 12 | SUPERMASSIVE POPULATION III SUPERNOVAE AND THE BIRTH OF THE FIRST QUASARS. <i>Astrophysical Journal</i> , 2013, 778, 17.                                 | 4.5  | 37        |
| 13 | Composition Effects on Kilonova Spectra and Light Curves. I. <i>Astrophysical Journal</i> , 2020, 899, 24.   | 4.5  | 37        |
| 14 | Parameterizing the Supernova Engine and Its Effect on Remnants and Basic Yields. <i>Astrophysical Journal</i> , 2018, 856, 63.                           | 4.5  | 36        |
| 15 | DO R CORONAE BOREALIS STARS FORM FROM DOUBLE WHITE DWARF MERGERS?. <i>Astrophysical Journal</i> , 2012, 757, 76.   | 4.5  | 34        |
| 16 | THE LONG-LIVED UV “PLATEAU” OF SN 2012aw. <i>Astrophysical Journal Letters</i> , 2013, 764, L13.   | 8.3  | 34        |
| 17 | EXTREME SUPERNOVA MODELS FOR THE SUPER-LUMINOUS TRANSIENT ASASSN-15LH. <i>Astrophysical Journal</i> , 2016, 828, 94.                                     | 4.5  | 32        |
| 18 | THE BIGGEST EXPLOSIONS IN THE UNIVERSE. II.. <i>Astrophysical Journal</i> , 2013, 777, 99.   | 4.5  | 31        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | PAIR-INSTABILITY SUPERNOVAE IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , 2014, 797, 9.  | 4.5 | 31        |
| 20 | Impact of Pulsar and Fallback Sources on Multifrequency Kilonova Models. <i>Astrophysical Journal</i> , 2019, 880, 22.   | 4.5 | 29        |
| 21 | Gamma Rays from Kilonova: A Potential Probe of r-process Nucleosynthesis. <i>Astrophysical Journal</i> , 2020, 889, 168.   | 4.5 | 29        |
| 22 | POPULATION III HYPERNOVAE. <i>Astrophysical Journal</i> , 2014, 797, 97.   | 4.5 | 22        |
| 23 | FINDING THE FIRST COSMIC EXPLOSIONS. IV. $140 M_{\odot}$ PAIR-INSTABILITY SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 805, 44.  | 4.5 | 20        |
| 24 | 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        |
| 25 | 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        |
| 26 | The Role of Dredge-up in Double White Dwarf Mergers. <i>Astrophysical Journal</i> , 2018, 862, 74.   | 4.5 | 15        |
| 27 | CONSTRUCTING SYNCHRONOUSLY ROTATING DOUBLE WHITE DWARF BINARIES. <i>Astrophysical Journal, Supplement Series</i> , 2009, 184, 248-263.   | 7.7 | 13        |
| 28 | 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        |
| 29 | 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        |
| 30 | Light Curves and Spectra from a Unimodal Core-collapse Supernova. <i>Astrophysical Journal</i> , 2017, 845, 168.   | 4.5 | 11        |
| 31 | Synthetic Spectra of Pair-instability Supernovae in 3D. <i>Astrophysical Journal</i> , 2019, 875, 140.   | 4.5 | 4         |
| 32 | The Supernovae Analysis Application (SNAP). <i>Astrophysical Journal</i> , 2017, 846, 101.   | 4.5 | 2         |