

# David R Aguilera-Dena

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4250770/publications.pdf>

Version: 2024-02-01

10  
papers

200  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

270  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Related Progenitor Models for Long-duration Gamma-Ray Bursts and Type Ic Superluminous Supernovae. <i>Astrophysical Journal</i> , 2018, 858, 115.  | 4.5 | 63        |
| 2  | Supernovae Ib and Ic from the explosion of helium stars. <i>Astronomy and Astrophysics</i> , 2020, 642, A106.  | 5.1 | 34        |
| 3  | Precollapse Properties of Superluminous Supernovae and Long Gamma-Ray Burst Progenitor Models. <i>Astrophysical Journal</i> , 2020, 901, 114.  | 4.5 | 31        |
| 4  | Radio Emission from the Cocoon of a GRB Jet: Implications for Relativistic Supernovae and Off-axis GRB Emission. <i>Astrophysical Journal</i> , 2018, 863, 32.   | 4.5 | 21        |
| 5  | A three-dimensional hydrodynamics simulation of oxygen-shell burning in the final evolution of a fast-rotating massive star. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 506, L20-L25.   | 3.3 | 15        |
| 6  | Fallback Supernova Assembly of Heavy Binary Neutron Stars and Light Black Hole–Neutron Star Pairs and the Common Stellar Ancestry of GW190425 and GW200115. <i>Astrophysical Journal Letters</i> , 2021, 920, L17.     | 8.3 | 12        |
| 7  | Stripped-envelope stars in different metallicity environments. <i>Astronomy and Astrophysics</i> , 2022, 661, A60.   | 5.1 | 10        |
| 8  | Explodability fluctuations of massive stellar cores enable asymmetric compact object mergers such as GW190814. <i>Astronomy and Astrophysics</i> , 2022, 657, L6.  | 5.1 | 9         |
| 9  | Mergers prompted by dynamics in compact, multiple-star systems: a stellar-reduction case for the massive triple TIC 470710327. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 515, L50-L55. | 3.3 | 5         |
| 10 | Three-dimensional hydrodynamics simulations of shell burning in Si/O-rich layer of pre-collapse massive stars. <i>EPJ Web of Conferences</i> , 2022, 260, 11038.   | 0.3 | 0         |