David R Aguilera-Dena

List of Publications by Year
in descending order

10	200	1163117 8	1474206 9
papers	citations	h-index	g-index

10	10	10	270
all docs	docs citations	times ranked	citing authors

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