

Athira Menon

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Supernova 1987A: 3D Mixing and Light Curves for Explosion Models Based on Binary-merger Progenitors. <i>Astrophysical Journal</i> , 2021, 914, 4.	4.5	18
2	Detailed evolutionary models of massive contact binaries – I. Model grids and synthetic populations for the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5013-5033.	4.4	21
3	Properties of gamma-ray decay lines in 3D core-collapse supernova models, with application to SN 1987A and Cas A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2471-2497.	4.4	21
4	Nucleosynthesis for SN 1987A from single-star and binary-merger progenitors. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 084002.	3.6	1
5	X-Ray and Gamma-Ray Emission from Core-collapse Supernovae: Comparison of Three-dimensional Neutrino-driven Explosions with SN 1987A. <i>Astrophysical Journal</i> , 2019, 882, 22.	4.5	14
6	Clues on the Origin and Evolution of Massive Contact Binaries: Atmosphere Analysis of VFTS 352. <i>Astrophysical Journal</i> , 2019, 880, 115.	4.5	30
7	Low-metallicity CO+He WD post-merger models for RCB stars as a source of pre-solar graphite grains. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2320-2335.	4.4	13
8	Explosions of blue supergiants from binary mergers for SN 1987A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 438-452.	4.4	21
9	Blue supergiant progenitors from binary mergers for SN 1987A and other Type II-peculiar supernovae. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 64-68.	0.0	0
10	The quest for blue supergiants: Evolution of binary merger progenitors of Type-II peculiar supernovae and SN 1987A. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 460-460.	0.0	0
11	REPRODUCING THE OBSERVED ABUNDANCES IN RCB AND HdC STARS WITH POST-DOUBLE-DEGENERATE MERGER MODELS – CONSTRAINTS ON MERGER AND POST-MERGER SIMULATIONS AND PHYSICS PROCESSES. <i>Astrophysical Journal</i> , 2013, 772, 59.	4.5	33
12	DO R CORONAE BOREALIS STARS FORM FROM DOUBLE WHITE DWARF MERGERS?. <i>Astrophysical Journal</i> , 2012, 757, 76.	4.5	34
13	The quest for blue supergiants: binary merger models for the evolution of the progenitor of SN 1987A. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	18