

Coenraad J Neijssel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2068690/publications.pdf>

Version: 2024-02-01

17
papers

1,502
citations

516710

16
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Stellar and Binary Population Synthesis with COMPAS. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 34.	7.7	57
2	Impact of massive binary star and cosmic evolution on gravitational wave observations – II. Double compact object rates and properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5737-5761.	4.4	47
3	Wind Mass-loss Rates of Stripped Stars Inferred from Cygnus X-1. <i>Astrophysical Journal</i> , 2021, 908, 118.	4.5	29
4	Cygnus X-1 contains a 21-solar mass black hole – Implications for massive star winds. <i>Science</i> , 2021, 371, 1046-1049.	12.6	138
5	Chemically homogeneous evolution: a rapid population synthesis approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 663-676.	4.4	33
6	Impact of massive binary star and cosmic evolution on gravitational wave observations I: black hole – neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5028-5063.	4.4	83
7	Be X-ray binaries in the SMC as indicators of mass-transfer efficiency. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4705-4720.	4.4	40
8	Common envelope episodes that lead to double neutron star formation. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	40
9	Detecting double neutron stars with LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3061-3072.	4.4	49
10	The origin of spin in binary black holes. <i>Astronomy and Astrophysics</i> , 2020, 635, A97.	5.1	155
11	Luminous Red Novae: population models and future prospects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3229-3240.	4.4	42
12	<sc>stroopwafel</sc>: simulating rare outcomes from astrophysical populations, with application to gravitational-wave sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5228-5248.	4.4	30
13	The effect of the metallicity-specific star formation history on double compact object mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3740-3759.	4.4	192
14	On the formation history of Galactic double neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4009-4029.	4.4	189
15	Accuracy of inference on the physics of binary evolution from gravitational-wave observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4685-4695.	4.4	100
16	Formation of the first three gravitational-wave observations through isolated binary evolution. <i>Nature Communications</i> , 2017, 8, 14906.	12.8	270
17	Exploring the Parameter Space of Compact Binary Population Synthesis. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 46-50.	0.0	8