

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 | Formation of the first three gravitational-wave observations through isolated binary evolution. <i>Nature Communications</i> , 2017, 8, 14906. | 12.8 | 270 |
| 2 | 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 |
| 3 | 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 |
| 4 | The origin of spin in binary black holes. <i>Astronomy and Astrophysics</i> , 2020, 635, A97. | 5.1 | 155 |
| 5 | Cygnus X-1 contains a 21â€“solar mass black holeâ€”Implications for massive star winds. <i>Science</i> , 2021, 371, 1046-1049. | 12.6 | 138 |
| 6 | 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 |
| 7 | Impact of massive binary star and cosmic evolution on gravitational wave observations I: black holeâ€“neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5028-5063. | 4.4 | 83 |
| 8 | Rapid Stellar and Binary Population Synthesis with COMPAS. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 34. | 7.7 | 57 |
| 9 | Detecting double neutron stars with LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3061-3072. | 4.4 | 49 |
| 10 | Impact of massive binary star and cosmic evolution on gravitational wave observations â€“ II. Double compact object rates and properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5737-5761. | 4.4 | 47 |
| 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 | 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 |
| 13 | Common envelope episodes that lead to double neutron star formation. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, . | 3.4 | 40 |
| 14 | Chemically homogeneous evolution: a rapid population synthesis approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 663-676. | 4.4 | 33 |
| 15 | <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 |
| 16 | Wind Mass-loss Rates of Stripped Stars Inferred from Cygnus X-1. <i>Astrophysical Journal</i> , 2021, 908, 118. | 4.5 | 29 |
| 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 |