

# Alex Deibel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3608016/publications.pdf>

Version: 2024-02-01

12  
papers

337  
citations

1040056

9  
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1199594

12  
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12  
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12  
docs citations

12  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	A STRONG SHALLOW HEAT SOURCE IN THE ACCRETING NEUTRON STAR MAXI J0556-332. <i>Astrophysical Journal Letters</i> , 2015, 809, L31.	8.3	62
2	Nuclear physics of the outer layers of accreting neutron stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 093001.	3.6	61
3	Nuclear Reactions in the Crusts of Accreting Neutron Stars. <i>Astrophysical Journal</i> , 2018, 859, 62.	4.5	48
4	Late-time Cooling of Neutron Star Transients and the Physics of the Inner Crust. <i>Astrophysical Journal</i> , 2017, 839, 95.	4.5	35
5	THE THERMAL STATE OF KS 1731-260 AFTER 14.5 YEARS IN QUIESCENCE. <i>Astrophysical Journal</i> , 2016, 833, 186.	4.5	31
6	URCA COOLING PAIRS IN THE NEUTRON STAR OCEAN AND THEIR EFFECT ON SUPERBURSTS. <i>Astrophysical Journal</i> , 2016, 831, 13.	4.5	30
7	Different Accretion Heating of the Neutron Star Crust during Multiple Outbursts in MAXI J0556-332. <i>Astrophysical Journal Letters</i> , 2017, 851, L28.	8.3	24
8	Constraints on Bygone Nucleosynthesis of Accreting Neutron Stars. <i>Astrophysical Journal</i> , 2017, 837, 73.	4.5	20
9	Modeling the Galactic Neutron Star Population for Use in Continuous Gravitational-wave Searches. <i>Astrophysical Journal</i> , 2021, 921, 89.	4.5	12
10	Carbon Isotope Ratios in M10 Giants. <i>Astrophysical Journal</i> , 2019, 878, 43.	4.5	6
11	Deep crustal heating by neutrinos from the surface of accreting neutron stars. <i>Physical Review C</i> , 2018, 98, .	2.9	5
12	OCEAN g-MODES ON TRANSIENT NEUTRON STARS. <i>Astrophysical Journal</i> , 2016, 832, 44.	4.5	3