

Akira Harada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7855332/publications.pdf>

Version: 2024-02-01

15
papers

349
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning of the Eddington Tensor in Core-collapse Supernova Simulation. <i>Astrophysical Journal</i> , 2022, 925, 117.	4.5	2
2	Prospects of Fast Flavor Neutrino Conversion in Rotating Core-collapse Supernovae. <i>Astrophysical Journal</i> , 2022, 924, 109.	4.5	33
3	Observing Supernova Neutrino Light Curves with Super-Kamiokande. II. Impact of the Nuclear Equation of State. <i>Astrophysical Journal</i> , 2022, 925, 98.	4.5	15
4	Principal-axis Analysis of the Eddington Tensor for the Early Post-bounce Phase of Rotational Core-collapse Supernovae. <i>Astrophysical Journal</i> , 2022, 933, 91.	4.5	3
5	Multidimensional Boltzmann Neutrino Transport Code in Full General Relativity for Core-collapse Simulations. <i>Astrophysical Journal</i> , 2021, 909, 210.	4.5	9
6	Analytic solutions for neutrino-light curves of core-collapse supernovae. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	10
7	Developing an end-to-end simulation framework of supernova neutrino detection. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	14
8	Neutrino distributions for a rotating core-collapse supernova with a Boltzmann-neutrino-transport. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012098.	0.4	0
9	Fast collective neutrino oscillations inside the neutrino sphere in core-collapse supernovae. <i>Physical Review D</i> , 2020, 101, .	4.7	75
10	The Boltzmann-radiation-hydrodynamics Simulations of Core-collapse Supernovae with Different Equations of State: The Role of Nuclear Composition and the Behavior of Neutrinos. <i>Astrophysical Journal</i> , 2020, 902, 150.	4.5	26
11	Simulations of the Early Postbounce Phase of Core-collapse Supernovae in Three-dimensional Space with Full Boltzmann Neutrino Transport. <i>Astrophysical Journal</i> , 2020, 903, 82.	4.5	24
12	On the Neutrino Distributions in Phase Space for the Rotating Core-collapse Supernova Simulated with a Boltzmann-neutrino-radiation-hydrodynamics Code. <i>Astrophysical Journal</i> , 2019, 872, 181.	4.5	34
13	Simulations of Core-collapse Supernovae in Spatial Axisymmetry with Full Boltzmann Neutrino Transport. <i>Astrophysical Journal</i> , 2018, 854, 136.	4.5	88
14	Structure formation in a mixed dark matter model with decaying sterile neutrino: the 3.5 keV X-ray line and the Galactic substructure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 031-031.	5.4	13
15	Gravitational Wave Physics and Astronomy in the nascent era. <i>Progress of Theoretical and Experimental Physics</i> , 0, , .	6.6	3