

Yuichiro Sekiguchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3663763/publications.pdf>

Version: 2024-02-01

43
papers

3,791
citations

172457
29
h-index

315739
38
g-index

43
all docs

43
docs citations

43
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser Induced Breakdown Spectroscopy of Er II for Transition Probability Measurements. Applied Sciences (Switzerland), 2022, 12, 2219.	2.5	1
2	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
3	General-relativistic neutrino-radiation magnetohydrodynamic simulation of seconds-long black hole-neutron star mergers. Physical Review D, 2022, 106, .	4.7	40
4	Long-term evolution of a merger-remnant neutron star in general relativistic magnetohydrodynamics: Effect of magnetic winding. Physical Review D, 2021, 103, .	4.7	22
5	Properties of Neutrino Transfer in a Deformed Remnant of a Neutron Star Merger. Astrophysical Journal, 2021, 907, 92.	4.5	11
6	Alternative possibility of GW190521: Gravitational waves from high-mass black hole-disk systems. Physical Review D, 2021, 103, .	4.7	13
7	Ultra-delayed Neutrino-driven Explosion of Rotating Massive-star Collapse. Astrophysical Journal, 2021, 919, 80.	4.5	17
8	Long-term evolution of neutron-star merger remnants in general relativistic resistive magnetohydrodynamics with a mean-field dynamo term. Physical Review D, 2021, 104, .	4.7	28
9	Sub-radian-accuracy gravitational waves from coalescing binary neutron stars in numerical relativity. II. Systematic study on the equation of state, binary mass, and mass ratio. Physical Review D, 2020, 101, .	4.7	31
10	Viscous evolution of a massive disk surrounding stellar-mass black holes in full general relativity. Physical Review D, 2020, 102, .	4.7	35
11	Mass ejection from disks surrounding a low-mass black hole: Viscous neutrino-radiation hydrodynamics simulation in full general relativity. Physical Review D, 2020, 101, .	4.7	77
12	Postmerger Mass Ejection of Low-mass Binary Neutron Stars. Astrophysical Journal, 2020, 901, 122.	4.5	66
13	Frequency-domain gravitational waveform models for inspiraling binary neutron stars. Physical Review D, 2018, 97, .	4.7	51
14	Neutrino transport in black hole-neutron star binaries: Neutrino emission and dynamical mass ejection. Physical Review D, 2018, 97, .	4.7	57
15	Properties of Kilonovae from Dynamical and Post-merger Ejecta of Neutron Star Mergers. Astrophysical Journal, 2018, 852, 109.	4.5	105
16	Nucleosynthesis in Neutron Star Mergers. , 2018, , .		0
17	Exploring Physics of Neutron Star Matter by Gravitational Waves. , 2018, , .		0
18	Mass Ejection from the Remnant of a Binary Neutron Star Merger: Viscous-radiation Hydrodynamics Study. Astrophysical Journal, 2018, 860, 64.	4.5	183

#	ARTICLE	IF	CITATIONS
19	Construction of KAGRA: an underground gravitational-wave observatory. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	73
20	Global simulations of strongly magnetized remnant massive neutron stars formed in binary neutron star mergers. Physical Review D, 2018, 97, .	4.7	135
21	Properties of Neutrino-driven Ejecta from the Remnant of a Binary Neutron Star Merger: Pure Radiation Hydrodynamics Case. Astrophysical Journal, 2017, 846, 114.	4.5	92
22	Gravitational collapse of rotating supermassive stars including nuclear burning effects. Physical Review D, 2017, 96, .	4.7	29
23	Sub-radian-accuracy gravitational waveforms of coalescing binary neutron stars in numerical relativity. Physical Review D, 2017, 96, .	4.7	72
24	Modeling GW170817 based on numerical relativity and its implications. Physical Review D, 2017, 96, .	4.7	355
25	J-GEM observations of an electromagnetic counterpart to the neutron star merger GW170817. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	155
26	Kilonova from post-merger ejecta as an optical and near-Infrared counterpart of GW170817. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	203
27	Nucleosynthesis in Neutrino-Driven Winds in Hypernovae. , 2017, , .		0
28	Gravitational waves from supermassive stars collapsing to a supermassive black hole. Physical Review D, 2016, 94, .	4.7	29
29	Dynamical mass ejection from the merger of asymmetric binary neutron stars: Radiation-hydrodynamics study in general relativity. Physical Review D, 2016, 93, .	4.7	218
30	Analysis of gravitational waves from binary neutron star merger by Hilbert-Huang transform. Physical Review D, 2016, 93, .	4.7	11
31	High resolution magnetohydrodynamic simulation of black hole-neutron star merger: Mass ejection and short gamma ray bursts. Physical Review D, 2015, 92, .	4.7	120
32	Efficient magnetic-field amplification due to the Kelvin-Helmholtz instability in binary neutron star mergers. Physical Review D, 2015, 92, .	4.7	165
33	Dynamical mass ejection from binary neutron star mergers: Radiation-hydrodynamics study in general relativity. Physical Review D, 2015, 91, .	4.7	243
34	Nucleosynthesis in the ejecta of neutron star mergers. , 2014, , .		0
35	High resolution numerical relativity simulations for the merger of binary magnetized neutron stars. Physical Review D, 2014, 90, .	4.7	167
36	PRODUCTION OF ALL THE r -PROCESS NUCLIDES IN THE DYNAMICAL EJECTA OF NEUTRON STAR MERGERS. Astrophysical Journal Letters, 2014, 789, L39.	8.3	491

#	ARTICLE	IF	CITATIONS
37	Conservative form of Boltzmann's equation in general relativity. Physical Review D, 2014, 89, .	4.7	30
38	Radiation Magnetohydrodynamics for Black Hole-Torus System in Full General Relativity: A Step toward Physical Simulation. Progress of Theoretical Physics, 2012, 127, 535-559.	2.0	33
39	Formation and evolution of black hole and accretion disk in collapse of massive stellar cores. Proceedings of the International Astronomical Union, 2011, 7, 305-308.	0.0	0
40	FORMATION OF BLACK HOLE AND ACCRETION DISK IN A MASSIVE HIGH-ENTROPY STELLAR CORE COLLAPSE. Astrophysical Journal, 2011, 737, 6.	4.5	67
41	Effects of Hyperons in Binary Neutron Star Mergers. Physical Review Letters, 2011, 107, 211101.	7.8	82
42	Gravitational Waves and Neutrino Emission from the Merger of Binary Neutron Stars. Physical Review Letters, 2011, 107, 051102.	7.8	225
43	Stellar Core Collapse in Full General Relativity with Microphysics: -- Formulation and Spherical Collapse Test --. Progress of Theoretical Physics, 2010, 124, 331-379.	2.0	39