

Riccardo Sturani

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

971
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the Hubble constant with black sirens. <i>Physical Review D</i> , 2022, 105, .	4.7	20
2	Cosmography with standard sirens from the Einstein Telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 025.	5.4	11
3	Effective Field Theory Methods to Model Compact Binaries. , 2022, , 1279-1310.		0
4	Post-Newtonian Templates for Gravitational Waves from Compact Binary Inspirals. , 2022, , 1229-1277.		0
5	Efficient resummation of high post-Newtonian contributions to the binding energy. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	15
6	A gravitational non-radiative memory effect. <i>General Relativity and Gravitation</i> , 2021, 53, 1.	2.0	0
7	Effects of short-distance modifications to general relativity in spinning binary systems. <i>Physical Review D</i> , 2021, 103, .	4.7	3
8	Cosmological model selection from standard siren detections by third-generation gravitational wave observatories. <i>Physics of the Dark Universe</i> , 2021, 32, 100830.	4.9	5
9	Near and far zones in two-body dynamics: An effective field theory perspective. <i>Physical Review D</i> , 2021, 104, .	4.7	13
10	Post-Newtonian Templates for Gravitational Waves from Compact Binary Inspirals. , 2021, , 1-49.		3
11	Gravitational multipole renormalization. <i>Physical Review D</i> , 2021, 104, .	4.7	6
12	Tail contributions to gravitational conservative dynamics. <i>Physical Review D</i> , 2021, 104, .	4.7	16
13	Fundamental Gravity and Gravitational Waves. <i>Symmetry</i> , 2021, 13, 2384.	2.2	4
14	Logarithmic tail contributions to the energy function of circular compact binaries. <i>Physical Review D</i> , 2020, 101, .	4.7	26
15	Hereditary terms at next-to-leading order in two-body gravitational dynamics. <i>Physical Review D</i> , 2020, 101, .	4.7	41
16	Classical gravitational self-energy from double copy. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	18
17	Conservative dynamics of binary systems to fourth post-Newtonian order in the EFT approach. I. Regularized Lagrangian. <i>Physical Review D</i> , 2019, 100, .	4.7	64
18	Observing the Dark Sector. <i>Universe</i> , 2019, 5, 137.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Conservative dynamics of binary systems to fourth post-Newtonian order in the EFT approach. II. Renormalized Lagrangian. <i>Physical Review D</i> , 2019, 100, .	4.7	88
20	Static Two-Body Potential at Fifth Post-Newtonian Order. <i>Physical Review Letters</i> , 2019, 122, 241605.	7.8	78
21	Gravitational waves from neutron star excitations in a binary inspiral. <i>Physical Review D</i> , 2018, 97, .	4.7	13
22	Parameter estimation for heavy binary-black holes with networks of second-generation gravitational-wave detectors. <i>Physical Review D</i> , 2017, 95, .	4.7	66
23	Effective field theory approach to the gravitational two-body dynamics at fourth post-Newtonian order and quintic in the Newton constant. <i>Physical Review D</i> , 2017, 95, .	4.7	88
24	Effect of matter structure on the gravitational waveform. <i>Physical Review D</i> , 2017, 95, .	4.7	53
25	Effective field theory methods to model compact binaries. <i>Classical and Quantum Gravity</i> , 2014, 31, 043001.	4.0	84
26	Tail terms in gravitational radiation reaction via effective field theory. <i>Physical Review D</i> , 2013, 87, .	4.7	61
27	Dynamics of the gravitational two-body problem at fourth post-Newtonian order and at quadratic order in the Newton constant. <i>Physical Review D</i> , 2013, 87, .	4.7	86
28	Effective field theory calculation of conservative binary dynamics at third post-Newtonian order. <i>Physical Review D</i> , 2011, 84, .	4.7	90