

Lorenzo Cerboni Baiardi

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

21,843
citations

94433

37
h-index

128289

60
g-index

65
all docs

65
docs citations

65
times ranked

13170
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalarization and robustness in uncertain vector optimization problems: a non componentwise approach. <i>Journal of Global Optimization</i> , 2022, 84, 295-320.	1.8	2
2	A note on symmetry breaking in a non linear marketing model. <i>Decisions in Economics and Finance</i> , 2021, 44, 507-531.	1.8	0
3	Endogenous desired debt in a Minskyan business model. <i>Chaos, Solitons and Fractals</i> , 2020, 131, 109470.	5.1	2
4	The Dynamics of the S&P 500 under a Crisis Context: Insights from a Three-Regime Switching Model. <i>Risks</i> , 2020, 8, 71.	2.4	7
5	Existence, multiplicity and policy prescriptions for debt sustainability in an OLG model with fiscal policy and debt. <i>Decisions in Economics and Finance</i> , 2020, 43, 769-786.	1.8	0
6	Global dynamic scenarios in a discrete-time model of renewable resource exploitation: a mathematical study. <i>Nonlinear Dynamics</i> , 2020, 102, 1111-1127.	5.2	0
7	An evolutionary Cournot oligopoly model with imitators and perfect foresight best responders. <i>Metroeconomía</i> , 2019, 70, 458-475.	1.0	4
8	An oligopoly model with rational and imitation rules. <i>Mathematics and Computers in Simulation</i> , 2019, 156, 254-278.	4.4	20
9	Primal worst and dual best in robust vector optimization. <i>European Journal of Operational Research</i> , 2019, 275, 830-838.	5.7	4
10	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO's first observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065010.	4.0	94
11	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065009.	4.0	18
12	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104.	7.8	68
13	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	26.7	808
14	An evolutionary model with best response and imitative rules. <i>Decisions in Economics and Finance</i> , 2018, 41, 313-333.	1.8	5
15	An oligopoly model with best response and imitation rules. <i>Applied Mathematics and Computation</i> , 2018, 336, 193-205.	2.2	12
16	Imitative and best response behaviors in a nonlinear Cournotian setting. <i>Chaos</i> , 2018, 28, 055913.	2.5	11
17	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , 2018, 97, .	4.7	88
18	Experimental oligopolies modeling: A dynamic approach based on heterogeneous behaviors. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 58, 47-61.	3.3	15

#	ARTICLE	IF	CITATIONS
19	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017, 95, .	4.7	69
20	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002.	4.0	98
21	Bubbling, riddling, blowout and critical curves. <i>Journal of Difference Equations and Applications</i> , 2017, 23, 939-964.	1.1	13
22	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121101.	7.8	194
23	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102.	7.8	84
24	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	4.5	131
25	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	2.4	69
26	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017, 847, 47.	4.5	46
27	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017, 96, .	4.7	73
28	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	4.7	64
29	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	4.5	52
30	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	4.7	40
31	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017, 118, 221101.	7.8	1,987
32	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	4.7	19
33	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. <i>Physical Review D</i> , 2017, 95, .	4.7	59
34	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , 2017, 32, 1744003.	1.5	6
35	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , 2017, 96, .	4.7	60
36	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	4.0	225

#	ARTICLE	IF	CITATIONS
37	SUPPLEMENT: "THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914" (2016, ApJL, 833, L1). Astrophysical Journal, Supplement Series, 2016, 227, 14.	7.7	63
38	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
39	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. Physical Review X, 2016, 6, .	8.9	106
40	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. Physical Review D, 2016, 94, .	4.7	31
41	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. Astrophysical Journal Letters, 2016, 833, L1.	8.3	230
42	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	4.7	35
43	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. Physical Review D, 2016, 94, .	4.7	60
44	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. Physical Review D, 2016, 94, .	4.7	102
45	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	4.7	29
46	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. Physical Review D, 2016, 93, .	4.7	17
47	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	4.7	32
48	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. Physical Review D, 2016, 93, .	4.7	315
49	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007-2013. Physical Review D, 2016, 93, .	4.7	14
50	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	4.7	92
51	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102.	7.8	269
52	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103.	7.8	466
53	SUPPLEMENT: "LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914" (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
54	Observing gravitational-wave transient GW150914 with minimal assumptions. Physical Review D, 2016, 93, .	4.7	119

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55	Tests of General Relativity with GW150914. Physical Review Letters, 2016, 116, 221101.	7.8	1,224
56	Properties of the Binary Black Hole Merger GW150914. Physical Review Letters, 2016, 116, 241102.	7.8	673
57	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. Physical Review Letters, 2016, 116, 241103.	7.8	2,701
58	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. Physical Review X, 2016, 6, .	8.9	898
59	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22.	8.3	633
60	Observation of Gravitational Waves from a Binary Black Hole Merger. Physical Review Letters, 2016, 116, 061102.	7.8	8,753
61	On a discrete-time model with replicator dynamics in renewable resource exploitation. Journal of Difference Equations and Applications, 2015, 21, 954-973.	1.1	10
62	A dynamic marketing model with best reply and inertia. Chaos, Solitons and Fractals, 2015, 79, 145-156.	5.1	6
63	Evolutionary competition between boundedly rational behavioral rules in oligopoly games. Chaos, Solitons and Fractals, 2015, 79, 204-225.	5.1	36
64	Fallacies of composition in nonlinear marketing models. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 209-228.	3.3	11
65	An Evolutionary Cournot Oligopoly Model with Imitators and Perfect Foresight Best Responders.. SSRN Electronic Journal, 0, , .	0.4	0