

Sara Lombardo

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

799
citations

933447

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888059

17
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21
all docs

21
docs citations

21
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Automorphic Lie Algebras and Modular Forms. International Mathematics Research Notices, 2023, 2023, 5209-5262.	1.0	2
2	Aortic stenosis post-COVID-19: a mathematical model on waiting lists and mortality. BMJ Open, 2022, 12, e059309.	1.9	9
3	Periodic and Solitary Wave Solutions of the Long Wave–Short Wave Yajima–Oikawa–Newell Model. Fluids, 2022, 7, 227.	1.7	3
4	A new integrable model of long wave–short wave interaction and linear stability spectra. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20210408.	2.1	7
5	Hereditary automorphic Lie algebras. Communications in Contemporary Mathematics, 2020, 22, 1950076.	1.2	2
6	Rogue Wave Type Solutions and Spectra of Coupled Nonlinear Schrödinger Equations. Fluids, 2019, 4, 57.	1.7	23
7	Coupled nonlinear Schrödinger equations: spectra and instabilities of plane waves. , 2019, , 206-248.		3
8	Integrability and Linear Stability of Nonlinear Waves. Journal of Nonlinear Science, 2018, 28, 1251-1291.	2.1	21
9	Higher-Dimensional Automorphic Lie Algebras. Foundations of Computational Mathematics, 2017, 17, 987-1035.	2.5	7
10	Integrability in Action: Solitons, Instability and Rogue Waves. Lecture Notes in Physics, 2016, , 23-53.	0.7	15
11	Vector Rogue Waves and Modulation Instability in the Defocusing Regime. , 2014, , .		0
12	Complexity analysis of sleep and alterations with insomnia based on non-invasive techniques. Journal of the Royal Society Interface, 2014, 11, 20131112.	3.4	23
13	Vector Rogue Waves and Baseband Modulation Instability in the Defocusing Regime. Physical Review Letters, 2014, 113, 034101.	7.8	302
14	Rational solitons of wave resonant-interaction models. Physical Review E, 2013, 88, 052914.	2.1	126
15	Rogue Waves Emerging from the Resonant Interaction of Three Waves. Physical Review Letters, 2013, 111, 114101.	7.8	189
16	Nonlinear phenomena, optical and quantum solitons. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 1115-1117.	3.4	0
17	The Three-Wave Resonant Interaction Equations: Spectral and Numerical Methods. Letters in Mathematical Physics, 2011, 96, 367-403.	1.1	15
18	On the Classification of Automorphic Lie Algebras. Communications in Mathematical Physics, 2010, 299, 793-824.	2.2	20

#	ARTICLE	IF	CITATIONS
19	Frequency Conversion Based on Three-Wave Parametric Solitons. , 2010, , .		0
20	Integrability and nonlinear phenomena. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 430301.	2.1	6
21	Exact solutions of the 3-wave resonant interaction equation. Physica D: Nonlinear Phenomena, 2006, 214, 157-168.	2.8	26