

Giampiero Sindoni

List of Publications by Year in descending order

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papers

429
citations

840776

11
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888059

17
g-index

21
all docs

21
docs citations

21
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Tests of General Relativity with the LARES Satellites. <i>Fundamental Theories of Physics</i> , 2019, , 467-479.	0.3	0
2	An improved test of the general relativistic effect of frame-dragging using the LARES and LAGEOS satellites. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	27
3	Studies on the materials of LARES 2 satellite. <i>Journal of Geodesy</i> , 2019, 93, 2437-2446.	3.6	10
4	Satellite Laser-Ranging as a Probe of Fundamental Physics. <i>Scientific Reports</i> , 2019, 9, 15881.	3.3	12
5	Reply to "A comment on "A test of general relativity using the LARES and LAGEOS satellites and a GRACE Earth gravity model, by I. Ciufolini et al."". <i>European Physical Journal C</i> , 2018, 78, 880.	3.9	8
6	A new laser-ranged satellite for General Relativity and space geodesy: IV. Thermal drag and the LARES 2 space experiment. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	6
7	A new laser-ranged satellite for General Relativity and space geodesy: I. An introduction to the LARES2 space experiment. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	28
8	A new laser-ranged satellite for General Relativity and space geodesy: II. Monte Carlo simulations and covariance analyses of the LARES 2 experiment. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	14
9	On the Earth's tidal perturbations for the LARES satellite. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	5
10	A test of general relativity using the LARES and LAGEOS satellites and a GRACE Earth gravity model. <i>European Physical Journal C</i> , 2016, 76, 120.	3.9	105
11	A Monte Carlo Analysis for Collision Risk Assessment on Vega Launcher Payloads and LARES Satellite. <i>Artificial Satellites</i> , 2016, 51, 45-54.	0.6	4
12	The constellation of LARES and LAGEOS satellites for testing General Relativity. , 2015, , .		2
13	LARES: A New Satellite Specifically Designed for Testing General Relativity. <i>International Journal of Aerospace Engineering</i> , 2015, 2015, 1-9.	0.9	17
14	Lares Mission: Engineering Aspects. <i>Aerotecnica Missili & Spazio</i> , 2015, 94, 23-30.	0.9	3
15	LARES mission operations. , 2015, , .		2
16	Contribution of LARES and geodetic satellites on environmental monitoring. , 2015, , .		4
17	Monte Carlo simulations of the LARES space experiment to test General Relativity and fundamental physics. <i>Classical and Quantum Gravity</i> , 2013, 30, 235009.	4.0	29
18	Phenomenology of the Lense-Thirring effect in the Solar System: Measurement of frame-dragging with laser ranged satellites. <i>New Astronomy</i> , 2012, 17, 341-346.	1.8	27

#	ARTICLE	IF	CITATIONS
19	The LARES Space Experiment: LARES Orbit, Error Analysis and Satellite Structure. Astrophysics and Space Science Library, 2010, , 467-492.	2.7	24
20	Gravitomagnetism and Its Measurement with Laser Ranging to the LAGEOS Satellites and GRACE Earth Gravity Models. Astrophysics and Space Science Library, 2010, , 371-434.	2.7	37
21	Towards a One Percent Measurement of Frame Dragging by Spin with Satellite Laser Ranging to LAGEOS, LAGEOS 2 and LARES and GRACE Gravity Models. Space Science Reviews, 2009, 148, 71-104.	8.1	65