Giampiero Sindoni

List of Publications by Year
in descending order

21	429	840776 11	888059 17
papers	citations	h-index	g-index

21	21	21	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A test of general relativity using the LARES and LAGEOS satellites and a GRACE Earth gravity model. European Physical Journal C, 2016, 76, 120.	3.9	105
2	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
3	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
4	Monte Carlo simulations of the LARES space experiment to test General Relativity and fundamental physics. Classical and Quantum Gravity, 2013, 30, 235009.	4.0	29
5	A new laser-ranged satellite for General Relativity and space geodesy: I. An introduction to the LARES2 space experiment. European Physical Journal Plus, 2017, 132, 1.	2.6	28
6	Phenomenology of the Lense-Thirring effect in the Solar System: Measurement of frame-dragging with laser ranged satellites. New Astronomy, 2012, 17, 341-346.	1.8	27
7	An improved test of the general relativistic effect of frame-dragging using the LARES and LAGEOS satellites. European Physical Journal C, 2019, 79, 1.	3.9	27
8	The LARES Space Experiment: LARES Orbit, Error Analysis and Satellite Structure. Astrophysics and Space Science Library, 2010, , 467-492.	2.7	24
9	LARES: A New Satellite Specifically Designed for Testing General Relativity. International Journal of Aerospace Engineering, 2015, 2015, 1-9.	0.9	17
10	A new laser-ranged satellite for General Relativity and space geodesy: II. Monte Carlo simulations and covariance analyses of the LARES 2 experiment. European Physical Journal Plus, 2017, 132, 1.	2.6	14
11	Satellite Laser-Ranging as a Probe of Fundamental Physics. Scientific Reports, 2019, 9, 15881.	3.3	12
12	Studies on the materials of LARES 2 satellite. Journal of Geodesy, 2019, 93, 2437-2446.	3.6	10
13	Reply to â€œA comment on â€œA test of general relativity using the LARES and LAGEOS satellites and a GRACE Earth gravity model, by I. Ciufolini et al.â€â€•. European Physical Journal C, 2018, 78, 880.	3.9	8
14	A new laser-ranged satellite for General Relativity and space geodesy: IV. Thermal drag and the LARES 2 space experiment. European Physical Journal Plus, 2018, 133, 1.	2.6	6
15	On the Earthâ€™s tidal perturbations for the LARES satellite. European Physical Journal Plus, 2017, 132, 1.	2.6	5
16	Contribution of LARES and geodetic satellites on environmental monitoring. , 2015, , .		4
17	A Monte Carlo Analysis for Collision Risk Assessment on Vega Launcher Payloads and LARES Satellite. Artificial Satellites, 2016, 51, 45-54.	0.6	4
18	Lares Mission: Engineering Aspects. Aerotecnica Missili & Spazio, 2015, 94, 23-30.	0.9	3

#	Article	IF	Citations
19	The constellation of LARES and LAGEOS satellites for testing General Relativity. , 2015, , .		2
20	LARES mission operations. , 2015, , .		2
21	Tests of General Relativity with the LARES Satellites. Fundamental Theories of Physics, 2019, , 467-479.	0.3	0