

Olivier Minazzoli

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,320
citations

471509

17
h-index

434195

31
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32
all docs

32
docs citations

32
times ranked

2294
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining massless dilaton theory at Solar system scales with the planetary ephemeris INPOP. Physical Review D, 2022, 105, .	4.7	5
2	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	4.5	144
3	De Sitter space-times in entangled relativity. Classical and Quantum Gravity, 2021, 38, 137003.	4.0	5
4	Charged black hole and radiating solutions in entangled relativity. European Physical Journal C, 2021, 81, 1.	3.9	1
5	Compact objects in entangled relativity. Physical Review D, 2021, 103, .	4.7	6
6	Analytical external spherical solutions in entangled relativity. European Physical Journal C, 2021, 81, 1.	3.9	0
7	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
8	Quantum Backaction on Kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. Physical Review Letters, 2020, 125, 131101.	7.8	35
9	Constraint on the Yukawa suppression of the Newtonian potential from the planetary ephemeris INPOP19a. Physical Review D, 2020, 102, .	4.7	15
10	Constraining the Mass of the Graviton with the Planetary Ephemeris INPOP. Physical Review Letters, 2019, 123, 161103.	7.8	23
11	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. Astrophysical Journal Letters, 2019, 871, L13.	8.3	145
12	Shortcomings of Shapiro delay-based tests of the equivalence principle on cosmological scales. Physical Review D, 2019, 100, .	4.7	17
13	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, 231108.	7.8	254
14	The new lunar ephemeris INPOP17a and its application to fundamental physics. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1877-1888.	4.4	63
15	Rethinking the link between matter and geometry. Physical Review D, 2018, 98, .	4.7	5
16	Violation of the equivalence principle from light scalar dark matter. Physical Review D, 2018, 98, .	4.7	81
17	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ (t) Tj ETQq1 1 0.784314 rgBT /Overdo	4.0	41
18	Dilatons with intrinsic decouplings. Physical Review D, 2016, 94, .	4.7	12

#	ARTICLE	IF	CITATIONS
19	Merging matter and geometry in the same Lagrangian. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 576-578.	4.1	9
20	Observables in theories with a varying fine structure constant. General Relativity and Gravitation, 2015, 47, 1.	2.0	8
21	Late-time cosmology of a scalar-tensor theory with a universal multiplicative coupling between the scalar field and the matter Lagrangian. Physical Review D, 2014, 90, .	4.7	42
22	Breaking of the equivalence principle in the electromagnetic sector and its cosmological signatures. Physical Review D, 2014, 90, .	4.7	54
23	Time transfer functions as a way to validate light propagation solutions for space astrometry. Classical and Quantum Gravity, 2014, 31, 015021.	4.0	19
24	On the cosmic convergence mechanism of the massless dilaton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 119-121.	4.1	12
25	Extended $f(R, L, m)$ dependences. Physical Review D, 2013, 87, .	4.7	19
26	Conservation laws in theories with universal gravity/matter coupling. Physical Review D, 2013, 88, .	4.7	67
27	\hat{f}^3 parameter in Brans-Dicke-like (light-)scalar-tensor theory with a universal scalar-matter coupling. Physical Review D, 2013, 88, .	4.7	4
28	Intrinsic Solar System decoupling of a scalar-tensor theory with a universal coupling between the scalar field and the matter Lagrangian. Physical Review D, 2013, 88, .	4.7	26
29	2PN/RM gauge invariance in Brans-Dicke-like scalar-tensor theories. Classical and Quantum Gravity, 2012, 29, 237002.	4.0	2
30	New derivation of the Lagrangian of a perfect fluid with a barotropic equation of state. Physical Review D, 2012, 86, .	4.7	81
31	Scalar-tensor propagation of light in the inner solar system including relevant \hat{a}^4 contributions for ranging and time transfer. Classical and Quantum Gravity, 2011, 28, 085010.	4.0	20
32	Post-Newtonian metric of general relativity including all the \hat{a}^4 terms in the continuity of the IAU2000 resolutions. Physical Review D, 2009, 79, .	4.7	18