

Paulo Moniz

List of Publications by Year in descending order

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113
papers

1,445
citations

331670

21
h-index

434195

31
g-index

118
all docs

118
docs citations

118
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	On the cosmology of massive vector fields with $SO(3)$ global symmetry. <i>Classical and Quantum Gravity</i> , 1993, 10, 285-298.	4.0	72
2	Quantum fate of singularities in a dark-energy dominated universe. <i>Physical Review D</i> , 2009, 79, .	4.7	68
3	FRW quantum cosmology with a generalized Chaplygin gas. <i>Physical Review D</i> , 2005, 71, .	4.7	63
4	SUPERSYMMETRIC QUANTUM COSMOLOGY SHAKEN, NOT STIRRED. <i>International Journal of Modern Physics A</i> , 1996, 11, 4321-4382.	1.5	53
5	Nonlinear multidimensional cosmological models with form fields: Stabilization of extra dimensions and the cosmological constant problem. <i>Physical Review D</i> , 2003, 68, .	4.7	45
6	Appeasing the phantom menace?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 016-016.	5.4	44
7	Semiclassical approximation to supersymmetric quantum gravity. <i>Physical Review D</i> , 2005, 72, .	4.7	41
8	Quintessence and Born-Infeld cosmology. <i>Physical Review D</i> , 2002, 66, .	4.7	36
9	Homogeneous and isotropic closed cosmologies with a gauge sector. <i>Classical and Quantum Gravity</i> , 1991, 8, 1815-1831.	4.0	30
10	Quantization of the Bianchi type-IX model in supergravity with a cosmological constant. <i>Physical Review D</i> , 1994, 49, 5246-5251.	4.7	30
11	Quantum Cosmology - The Supersymmetric Perspective - Vol. 1. <i>Lecture Notes in Physics</i> , 2010, , .	0.7	30
12	Phantomlike behavior in a brane-world model with curvature effects. <i>Physical Review D</i> , 2008, 78, .	4.7	27
13	Origin of structure in supersymmetric quantum cosmology. <i>Physical Review D</i> , 1998, 57, R7071-R7074.	4.7	26
14	The dynamics of a flat Friedmann-Robertson-Walker inflationary model in the presence of gauge fields. <i>Classical and Quantum Gravity</i> , 1993, 10, 517-534.	4.0	25
15	Decoherence of Friedmann-Robertson-Walker geometries in the presence of massive vector fields with $U(1)$ or $SO(3)$ global symmetries. <i>Nuclear Physics B</i> , 1995, 439, 259-290.	2.5	25
16	Inflation in the presence of a non-minimal coupling. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 275, 264-272.	4.1	24
17	Supersymmetric quantization of anisotropic scalar-tensor cosmologies. <i>Classical and Quantum Gravity</i> , 2000, 17, 4823-4839.	4.0	24
18	Gauge field back-reaction in Born-Infeld cosmologies. <i>Classical and Quantum Gravity</i> , 2010, 27, 235009.	4.0	24

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19	Modified Brans-Dicke theory in arbitrary dimensions. <i>Classical and Quantum Gravity</i> , 2014, 31, 115002.	4.0	23
20	Non-slow-roll dynamics in $\hat{\pm}$ -attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 005-005.	5.4	23
21	Classical and quantum cosmology of the little rip abrupt event. <i>Physical Review D</i> , 2016, 94, .	4.7	22
22	Asymptotical AdS space from nonlinear gravitational models with stabilized extra dimensions. <i>Physical Review D</i> , 2002, 66, .	4.7	21
23	Gravitational collapse of a homogeneous scalar field in deformed phase space. <i>Physical Review D</i> , 2014, 89, .	4.7	21
24	Indefinite oscillators and black-hole evaporation. <i>Annalen Der Physik</i> , 2009, 18, 722-735.	2.4	20
25	Inflation in a two 3-form fields scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 064-064.	5.4	20
26	Quantum Cosmology - The Supersymmetric Perspective - Vol. 2. <i>Lecture Notes in Physics</i> , 2010, , .	0.7	18
27	Quantum cosmology, minimal length, and holography. <i>Physical Review D</i> , 2014, 90, .	4.7	18
28	Noncommutative minisuperspace, gravity-driven acceleration, and kinetic inflation. <i>Physical Review D</i> , 2014, 90, .	4.7	18
29	From Fractional Quantum Mechanics to Quantum Cosmology: An Overture. <i>Mathematics</i> , 2020, 8, 313.	2.2	18
30	Quantization of a Friedmann-Robertson-Walker model in $N = 1$ supergravity with gauged supermatter. <i>Classical and Quantum Gravity</i> , 1995, 12, 1343-1353.	4.0	17
31	FRW quantum cosmology in the non-Abelian Born-Infeld theory. <i>Classical and Quantum Gravity</i> , 2002, 19, L127-L134.	4.0	17
32	Multidimensional Cosmology and Asymptotical AdS. <i>Astrophysics and Space Science</i> , 2003, 283, 679-684.	1.4	17
33	Inflationary universe in deformed phase space scenario. <i>Annals of Physics</i> , 2018, 393, 288-307.	2.8	17
34	QUANTIZATION OF THE BIANCHI TYPE IX MODEL IN $N=1$ SUPERGRAVITY IN THE PRESENCE OF SUPERMATTER. <i>International Journal of Modern Physics A</i> , 1996, 11, 1763-1795.	1.5	16
35	Kantowski-Sachs universes and the cosmic no-hair conjecture. <i>Physical Review D</i> , 1993, 47, 4315-4321.	4.7	15
36	Einstein-Cartan gravitational collapse of a homogeneous Weysenhoff fluid. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	15

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37	Classical universe emerging from quantum cosmology without horizon and flatness problems. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	15
38	Effective models of inflation from a nonlocal framework. <i>Physical Review D</i> , 2017, 96, .	4.7	15
39	Late time cosmic acceleration in modified SÃ¡ez-Ballester theory. <i>Physics of the Dark Universe</i> , 2020, 27, 100446.	4.9	15
40	DBI Galileon inflation in the light of Planck 2015. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 063-063.	5.4	14
41	Quantum deformation of quantum cosmology: A framework to discuss the cosmological constant problem. <i>Physics of the Dark Universe</i> , 2017, 18, 55-66.	4.9	14
42	de Sitter fractional quantum cosmology. <i>Physical Review D</i> , 2022, 105, .	4.7	14
43	Modified Saez-Ballester scalar-tensor theory from 5D space-time. <i>Classical and Quantum Gravity</i> , 2018, 35, 025004.	4.0	13
44	Kinetic inflation in deformed phase space Brans-Dicke cosmology. <i>Physics of the Dark Universe</i> , 2019, 24, 100269.	4.9	13
45	Propagation of quantum gravity-modified gravitational waves on a classical FLRW spacetime. <i>Physical Review D</i> , 2021, 103, .	4.7	13
46	Quantum cosmological multidimensional Einstein-Yang-Mills model in an $R^3 \times S^3$ topology. <i>Physical Review D</i> , 1997, 56, 4530-4543.	4.7	12
47	Canonical and quantum FRW cosmological solutions in M-theory. <i>Classical and Quantum Gravity</i> , 2001, 18, 95-120.	4.0	12
48	Chaos-order transition in Bianchi type I non-Abelian Born-Infeld cosmology. <i>Physical Review D</i> , 2005, 72, .	4.7	12
49	Quantization of parameters and the string landscape problem. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 005-005.	5.4	12
50	Non-singular Brans-Dicke collapse in deformed phase space. <i>Annals of Physics</i> , 2016, 375, 154-178.	2.8	12
51	de Broglie-Bohm FRW universes in quantum string cosmology. <i>Physical Review D</i> , 2001, 65, .	4.7	11
52	Dirac observables and boundary proposals in quantum cosmology. <i>Physical Review D</i> , 2014, 89, .	4.7	11
53	Non-Gaussianity in multiple three-form field inflation. <i>Physical Review D</i> , 2016, 94, .	4.7	11
54	Conformal GUT inflation, proton lifetime and non-thermal leptogenesis. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	11

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55	Spontaneous symmetry breaking in curved spacetime. <i>Classical and Quantum Gravity</i> , 1990, 7, L143-L147.	4.0	10
56	CANONICAL QUANTIZATION OF BIANCHI CLASS A MODELS IN N=2 SUPERGRAVITY. <i>Modern Physics Letters A</i> , 1996, 11, 227-245.	1.2	10
57	Gravitational collapse with tachyon field and barotropic fluid. <i>General Relativity and Gravitation</i> , 2013, 45, 819-844.	2.0	10
58	Quantum cosmological intertwining: Factor ordering and boundary conditions from hidden symmetries. <i>Physical Review D</i> , 2015, 92, .	4.7	10
59	Quantum cosmology with scalar fields: Self-adjointness and cosmological scenarios. <i>Gravitation and Cosmology</i> , 2015, 21, 191-199.	1.1	10
60	Quantum cosmology: From hidden symmetries towards a new (supersymmetric) perspective. <i>International Journal of Modern Physics D</i> , 2016, 25, 1630009.	2.1	10
61	FRW minisuperspace with local N=4 supersymmetry and self-interacting scalar field. <i>Annalen Der Physik</i> , 2003, 12, 174-198.	2.4	9
62	A supersymmetric Vista for quantum cosmology. <i>General Relativity and Gravitation</i> , 2006, 38, 577-592.	2.0	9
63	Exact cosmological solutions in modified Brans-Dicke theory. <i>Classical and Quantum Gravity</i> , 2016, 33, 035006.	4.0	9
64	Extended anisotropic models in noncompact Kaluza-Klein theory. <i>Classical and Quantum Gravity</i> , 2019, 36, 075010.	4.0	9
65	Is there a problem with quantum wormhole states in N=1 supergravity?. <i>General Relativity and Gravitation</i> , 1996, 28, 97-115.	2.0	8
66	Semiclassical collapse with tachyon field and barotropic fluid. <i>Physical Review D</i> , 2013, 87, .	4.7	8
67	Improved dynamics and gravitational collapse of tachyon field coupled with a barotropic fluid. <i>International Journal of Modern Physics D</i> , 2015, 24, 1550025.	2.1	8
68	FRW wormhole instantons in the non-Abelian Born-Infeld theory. <i>Physical Review D</i> , 2002, 66, .	4.7	7
69	Higher order corrections to Heterotic M-theory inflation. <i>Classical and Quantum Gravity</i> , 2009, 26, 245003.	4.0	7
70	On the relation between boundary proposals and hidden symmetries of the extended pre-big bang quantum cosmology. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	6
71	N= 2 supersymmetric FRW quantum cosmology from a D-p-brane gas. <i>Journal of Physics A</i> , 2004, 37, 10445-10458.	1.6	5
72	New Features about Chaos in Bianchi I non-Abelian Born-Infeld cosmology. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	5

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73	Quantum cosmology of scalar-tensor theories and self-adjointness. Journal of Mathematical Physics, 2017, 58, 042301.	1.1	5
74	Shape Invariant Potentials in Supersymmetric Quantum Cosmology. Universe, 2022, 8, 316.	2.5	5
75	Wave Function for the Reissner-Nordström Black Hole. Modern Physics Letters A, 1997, 12, 1491-1505.	1.2	4
76	Brane World States from a Generalized Chaplygin Gas. AIP Conference Proceedings, 2004, , .	0.4	4
77	Supersymmetric quantum cosmology: a Socratic guide. General Relativity and Gravitation, 2014, 46, 1.	2.0	4
78	On the hydrogen atom in the holographic universe. Physica Scripta, 2021, 96, 125320.	2.5	3
79	Late-time acceleration in a brane with curvature effects. , 2009, , .		2
80	Dilaton Quantum Cosmology with a Schrödinger-like Equation. Brazilian Journal of Physics, 2012, 42, 475-481.	1.4	2
81	Exploring the cosmic censorship conjecture with a Gauss-Bonnet sector. Physical Review D, 2021, 103, .	4.7	2
82	Role of Gauss-Bonnet corrections in a DGP brane gravitational collapse. Physical Review D, 2022, 105, .	4.7	2
83	SPHERICALLY SYMMETRIC GRAVITATIONAL FIELDS: BLACK HOLES AND MIDISUPERSPACE QUANTIZATION NEAR THE APPARENT HORIZON. International Journal of Modern Physics A, 2002, 17, 2459-2483.	1.5	1
84	QUANTUM COSMOLOGY: SUSY'S STAGE. International Journal of Modern Physics D, 2013, 22, 1330006.	2.1	1
85	Quantum Cosmology: Meeting SUSY. Springer Proceedings in Mathematics and Statistics, 2014, , 117-125.	0.2	1
86	Editorial to the Special Issue "Quantum Cosmology". Universe, 2022, 8, 336.	2.5	1
87	Bianchi type III foliation of the de Sitter space. International Journal of Theoretical Physics, 1993, 32, 841-848.	1.2	0
88	QUANTUM COSMOLOGY FOR THE XXI ST CENTURY: A DEBATE. , 2012, , .		0
89	Loop quantum effect and the fate of tachyon field collapse. Journal of Physics: Conference Series, 2012, 360, 012016.	0.4	0
90	QUANTUM COSMOLOGY: SUSY'S STAGE. , 2015, , .		0

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91	Gravitational waves in $\hat{\mu}$ attractors. , 2017, , .		0
92	HOW A DE BROGLIE BOHM FORMULATION OF FRW COSMOLOGY INDUCES LARGE EXTRA DIMENSIONS FEATURES. , 2006, , .		0
93	QUANTUM COSMOLOGY STANDPOINT. , 2008, , .		0
94	ON THE THERMAL BOUNDARY CONDITION OF THE WAVE FUNCTION OF THE UNIVERSE. , 2008, , .		0
95	SEMICLASSICAL SUPERSYMMETRIC QUANTUM GRAVITY. , 2008, , .		0
96	N = 2 (Local) Conformal Supersymmetry. Lecture Notes in Physics, 2010, , 163-188.	0.7	0
97	Canonical Quantization of N = 1 Supergravity. Lecture Notes in Physics, 2010, , 95-126.	0.7	0
98	More Obstacles and Results: From QC to SQC. Lecture Notes in Physics, 2010, , 191-196.	0.7	0
99	Additional SUSY and SUGRA Issues SUSY SUSY breaking SUSY supersymmetric quantum mechanics Supersymmetric quantum mechanics (SQM). Lecture Notes in Physics, 2010, , 35-60.	0.7	0
100	Connections and Loops Within SQC SQC connection quantization SQC loop quantization SQC Ashtekar-Jacobson formulation. Lecture Notes in Physics, 2010, , 111-126.	0.7	0
101	SQC Matrix Representation. Lecture Notes in Physics, 2010, , 127-161.	0.7	0
102	Cosmologies with (Hidden) N=2 Supersymmetry. Lecture Notes in Physics, 2010, , 185-247.	0.7	0
103	A Survey of Quantum Cosmology. Lecture Notes in Physics, 2010, , 13-53.	0.7	0
104	More Routes Beyond the Borders. Lecture Notes in Physics, 2010, , 197-206.	0.7	0
105	Observational Quantum Cosmology. Lecture Notes in Physics, 2010, , 13-33.	0.7	0
106	Routes Beyond the Borders. Lecture Notes in Physics, 2010, , 259-261.	0.7	0
107	Obstacles and Results: From QC to SQC. Lecture Notes in Physics, 2010, , 251-258.	0.7	0
108	Further Explorations in SQC N = 1 SUGRA. Lecture Notes in Physics, 2010, , 87-109.	0.7	0

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109	Semiclassical N=1 Supergravity. Lecture Notes in Physics, 2010, , 61-83.	0.7	0
110	SQC N=1 SUGRA (Fermionic Differential Operator Representation) Supersymmetric quantum cosmology (SQC) SQC String duality!N=1 SUGRA!SQC String duality!N=1 SUGRA Superstring Superstring!Bosonic sector Superstring!N=2 SQC Superstring!Bosonic sector!N=2 SQC SQC!fermionic differential operator representation Fermionic differential operator representation. Lecture Notes in Physics, 2010, , 129-184.	0.7	0
111	A Summary of Supersymmetry and Supergravity. Lecture Notes in Physics, 2010, , 55-94.	0.7	0
112	DEFROSTING THE BIG FREEZE QUANTUM MECHANICALLY?. , 2012, , .		0
113	Origin of Structure in SQC. , 1999, , 295-297.		0