

Paulo Moniz

List of Publications by Year in descending order

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Version: 2024-02-01

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	Role of Gauss-Bonnet corrections in a DGP brane gravitational collapse. <i>Physical Review D</i> , 2022, 105, .	4.7	2
2	Shape Invariant Potentials in Supersymmetric Quantum Cosmology. <i>Universe</i> , 2022, 8, 316.	2.5	5
3	Editorial to the Special Issue "Quantum Cosmology". <i>Universe</i> , 2022, 8, 336.	2.5	1
4	de Sitter fractional quantum cosmology. <i>Physical Review D</i> , 2022, 105, .	4.7	14
5	Propagation of quantum gravity-modified gravitational waves on a classical FLRW spacetime. <i>Physical Review D</i> , 2021, 103, .	4.7	13
6	Exploring the cosmic censorship conjecture with a Gauss-Bonnet sector. <i>Physical Review D</i> , 2021, 103, .	4.7	2
7	On the hydrogen atom in the holographic universe. <i>Physica Scripta</i> , 2021, 96, 125320.	2.5	3
8	Late time cosmic acceleration in modified Saez-Ballester theory. <i>Physics of the Dark Universe</i> , 2020, 27, 100446.	4.9	15
9	From Fractional Quantum Mechanics to Quantum Cosmology: An Overture. <i>Mathematics</i> , 2020, 8, 313.	2.2	18
10	Extended anisotropic models in noncompact Kaluza-Klein theory. <i>Classical and Quantum Gravity</i> , 2019, 36, 075010.	4.0	9
11	Kinetic inflation in deformed phase space Brans-Dicke cosmology. <i>Physics of the Dark Universe</i> , 2019, 24, 100269.	4.9	13
12	Conformal GUT inflation, proton lifetime and non-thermal leptogenesis. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	11
13	Inflationary universe in deformed phase space scenario. <i>Annals of Physics</i> , 2018, 393, 288-307.	2.8	17
14	Modified Saez-Ballester scalar-tensor theory from 5D space-time. <i>Classical and Quantum Gravity</i> , 2018, 35, 025004.	4.0	13
15	Quantum cosmology of scalar-tensor theories and self-adjointness. <i>Journal of Mathematical Physics</i> , 2017, 58, 042301.	1.1	5
16	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
17	Gravitational waves in $\langle i \rangle \hat{I}_{\pm} \langle /i \rangle$ attractors. , 2017, , .		0
18	Effective models of inflation from a nonlocal framework. <i>Physical Review D</i> , 2017, 96, .	4.7	15

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19	Non-slow-roll dynamics in $\hat{\Lambda}$ -attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 005-005.	5.4	23
20	Non-singular Brans-Dicke collapse in deformed phase space. <i>Annals of Physics</i> , 2016, 375, 154-178.	2.8	12
21	Classical and quantum cosmology of the little rip abrupt event. <i>Physical Review D</i> , 2016, 94, .	4.7	22
22	Classical universe emerging from quantum cosmology without horizon and flatness problems. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	15
23	Non-Gaussianity in multiple three-form field inflation. <i>Physical Review D</i> , 2016, 94, .	4.7	11
24	Exact cosmological solutions in modified Brans-Dicke theory. <i>Classical and Quantum Gravity</i> , 2016, 33, 035006.	4.0	9
25	DBI Galileon inflation in the light of Planck 2015. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 063-063.	5.4	14
26	Quantum cosmology: From hidden symmetries towards a new (supersymmetric) perspective. <i>International Journal of Modern Physics D</i> , 2016, 25, 1630009.	2.1	10
27	Quantum cosmological intertwining: Factor ordering and boundary conditions from hidden symmetries. <i>Physical Review D</i> , 2015, 92, .	4.7	10
28	QUANTUM COSMOLOGY: SUSY'S STAGE. , 2015, , .		0
29	Quantum cosmology with scalar fields: Self-adjointness and cosmological scenarios. <i>Gravitation and Cosmology</i> , 2015, 21, 191-199.	1.1	10
30	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
31	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
32	Quantum cosmology, minimal length, and holography. <i>Physical Review D</i> , 2014, 90, .	4.7	18
33	Einstein-Cartan gravitational collapse of a homogeneous Weysenhoff fluid. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	15
34	Supersymmetric quantum cosmology: a Socratic™ guide. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	2.0	4
35	Noncommutative minisuperspace, gravity-driven acceleration, and kinetic inflation. <i>Physical Review D</i> , 2014, 90, .	4.7	18
36	Inflation in a two 3-form fields scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 064-064.	5.4	20

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37	Dirac observables and boundary proposals in quantum cosmology. Physical Review D, 2014, 89, .	4.7	11
38	Gravitational collapse of a homogeneous scalar field in deformed phase space. Physical Review D, 2014, 89, .	4.7	21
39	Modified Brans-Dicke theory in arbitrary dimensions. Classical and Quantum Gravity, 2014, 31, 115002.	4.0	23
40	Quantum Cosmology: Meeting SUSY. Springer Proceedings in Mathematics and Statistics, 2014, , 117-125.	0.2	1
41	Semiclassical collapse with tachyon field and barotropic fluid. Physical Review D, 2013, 87, .	4.7	8
42	Gravitational collapse with tachyon field and barotropic fluid. General Relativity and Gravitation, 2013, 45, 819-844.	2.0	10
43	QUANTUM COSMOLOGY: SUSY'S STAGE. International Journal of Modern Physics D, 2013, 22, 1330006.	2.1	1
44	QUANTUM COSMOLOGY FOR THE XXI ST CENTURY: A DEBATE. , 2012, , .		0
45	Dilaton Quantum Cosmology with a Schrödinger-like Equation. Brazilian Journal of Physics, 2012, 42, 475-481.	1.4	2
46	Loop quantum effect and the fate of tachyon field collapse. Journal of Physics: Conference Series, 2012, 360, 012016.	0.4	0
47	DEFROSTING THE BIG FREEZE QUANTUM MECHANICALLY?. , 2012, , .		0
48	Gauge field back-reaction in Born-Infeld cosmologies. Classical and Quantum Gravity, 2010, 27, 235009.	4.0	24
49	Appeasing the phantom menace?. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 016-016.	5.4	44
50	Quantum Cosmology - The Supersymmetric Perspective - Vol. 1. Lecture Notes in Physics, 2010, , .	0.7	30
51	Quantum Cosmology - The Supersymmetric Perspective - Vol. 2. Lecture Notes in Physics, 2010, , .	0.7	18
52	N = 2 (Local) Conformal Supersymmetry. Lecture Notes in Physics, 2010, , 163-188.	0.7	0
53	Canonical Quantization of N = 1 Supergravity. Lecture Notes in Physics, 2010, , 95-126.	0.7	0
54	More Obstacles and Results: From QC to SQC. Lecture Notes in Physics, 2010, , 191-196.	0.7	0

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55	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
56	Connections and Loops Within SQC SQC connection quantization SQC loop quantization SQC Ashtekarâ€™Jacobson formulation. Lecture Notes in Physics, 2010, , 111-126.	0.7	0
57	SQC Matrix Representation. Lecture Notes in Physics, 2010, , 127-161.	0.7	0
58	Cosmologies with (Hidden) N=2 Supersymmetry. Lecture Notes in Physics, 2010, , 185-247.	0.7	0
59	A Survey of Quantum Cosmology. Lecture Notes in Physics, 2010, , 13-53.	0.7	0
60	More Routes Beyond the Borders. Lecture Notes in Physics, 2010, , 197-206.	0.7	0
61	â€˜Observationalâ€™ Quantum Cosmology. Lecture Notes in Physics, 2010, , 13-33.	0.7	0
62	Routes Beyond the Borders. Lecture Notes in Physics, 2010, , 259-261.	0.7	0
63	Obstacles and Results: From QC to SQC. Lecture Notes in Physics, 2010, , 251-258.	0.7	0
64	Further Explorations in SQC N = 1 SUGRA. Lecture Notes in Physics, 2010, , 87-109.	0.7	0
65	Semiclassical N=1 Supergravity. Lecture Notes in Physics, 2010, , 61-83.	0.7	0
66	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
67	A Summary of Supersymmetry and Supergravity. Lecture Notes in Physics, 2010, , 55-94.	0.7	0
68	Late-time acceleration in a brane with curvature effects. , 2009, , .		2
69	Higher order corrections to Heterotic M-theory inflation. Classical and Quantum Gravity, 2009, 26, 245003.	4.0	7
70	Indefinite oscillators and black-hole evaporation. Annalen Der Physik, 2009, 18, 722-735.	2.4	20
71	Quantum fate of singularities in a dark-energy dominated universe. Physical Review D, 2009, 79, .	4.7	68
72	Phantomlike behavior in a brane-world model with curvature effects. Physical Review D, 2008, 78, .	4.7	27

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73	QUANTUM COSMOLOGY STANDPOINT. , 2008, , .		0
74	ON THE THERMAL BOUNDARY CONDITION OF THE WAVE FUNCTION OF THE UNIVERSE. , 2008, , .		0
75	SEMICLASSICAL SUPERSYMMETRIC QUANTUM GRAVITY. , 2008, , .		0
76	Quantization of parameters and the string landscape problem. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 005-005.	5.4	12
77	New Features about Chaos in Bianchi I non-Abelian Born-Infeld cosmology. AIP Conference Proceedings, 2006, , .	0.4	5
78	A supersymmetric Vista for quantum cosmology. General Relativity and Gravitation, 2006, 38, 577-592.	2.0	9
79	HOW A DE BROGLIE BOHM FORMULATION OF FRW COSMOLOGY INDUCES LARGE EXTRA DIMENSIONS FEATURES. , 2006, , .		0
80	Semiclassical approximation to supersymmetric quantum gravity. Physical Review D, 2005, 72, .	4.7	41
81	Chaos-order transition in Bianchi type I non-Abelian Born-Infeld cosmology. Physical Review D, 2005, 72, .	4.7	12
82	FRW quantum cosmology with a generalized Chaplygin gas. Physical Review D, 2005, 71, .	4.7	63
83	N= 2 supersymmetric FRW quantum cosmology from a D-p-brane gas. Journal of Physics A, 2004, 37, 10445-10458.	1.6	5
84	Brane World States from a Generalized Chaplygin Gas. AIP Conference Proceedings, 2004, , .	0.4	4
85	Multidimensional Cosmology and Asymptotical AdS. Astrophysics and Space Science, 2003, 283, 679-684.	1.4	17
86	FRW minisuperspace with local N=4 supersymmetry and self-interacting scalar field. Annalen Der Physik, 2003, 12, 174-198.	2.4	9
87	Nonlinear multidimensional cosmological models with form fields: Stabilization of extra dimensions and the cosmological constant problem. Physical Review D, 2003, 68, .	4.7	45
88	Quintessence and Born-Infeld cosmology. Physical Review D, 2002, 66, .	4.7	36
89	FRW wormhole instantons in the non-Abelian Born-Infeld theory. Physical Review D, 2002, 66, .	4.7	7
90	Asymptotical AdS space from nonlinear gravitational models with stabilized extra dimensions. Physical Review D, 2002, 66, .	4.7	21

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91	SPHERICALLY SYMMETRIC GRAVITATIONAL FIELDS: BLACK HOLES AND MIDISUPERSPACE QUANTIZATION NEAR THE APPARENT HORIZON. <i>International Journal of Modern Physics A</i> , 2002, 17, 2459-2483.	1.5	1
92	FRW quantum cosmology in the non-Abelian Born-Infeld theory. <i>Classical and Quantum Gravity</i> , 2002, 19, L127-L134.	4.0	17
93	de Broglie-Bohm FRW universes in quantum string cosmology. <i>Physical Review D</i> , 2001, 65, .	4.7	11
94	Canonical and quantum FRW cosmological solutions in M-theory. <i>Classical and Quantum Gravity</i> , 2001, 18, 95-120.	4.0	12
95	Supersymmetric quantization of anisotropic scalar-tensor cosmologies. <i>Classical and Quantum Gravity</i> , 2000, 17, 4823-4839.	4.0	24
96	Origin of Structure in SQC. , 1999, , 295-297.		0
97	Origin of structure in supersymmetric quantum cosmology. <i>Physical Review D</i> , 1998, 57, R7071-R7074.	4.7	26
98	Quantum cosmological multidimensional Einstein-Yang-Mills model in an S^3 -topology. <i>Physical Review D</i> , 1997, 56, 4530-4543.	4.7	12
99	Wave Function for the Reissner-Nordström Black Hole. <i>Modern Physics Letters A</i> , 1997, 12, 1491-1505.	1.2	4
100	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
101	CANONICAL QUANTIZATION OF BIANCHI CLASS A MODELS IN $N=2$ SUPERGRAVITY. <i>Modern Physics Letters A</i> , 1996, 11, 227-245.	1.2	10
102	SUPERSYMMETRIC QUANTUM COSMOLOGY SHAKEN, NOT STIRRED. <i>International Journal of Modern Physics A</i> , 1996, 11, 4321-4382.	1.5	53
103	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
104	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
105	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
106	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
107	Bianchi type III foliation of the de Sitter space. <i>International Journal of Theoretical Physics</i> , 1993, 32, 841-848.	1.2	0
108	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

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109	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
110	Kantowski-Sachs universes and the cosmic no-hair conjecture. <i>Physical Review D</i> , 1993, 47, 4315-4321.	4.7	15
111	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
112	Homogeneous and isotropic closed cosmologies with a gauge sector. <i>Classical and Quantum Gravity</i> , 1991, 8, 1815-1831.	4.0	30
113	Spontaneous symmetry breaking in curved spacetime. <i>Classical and Quantum Gravity</i> , 1990, 7, L143-L147.	4.0	10