Jose Socorro Garcia

List of Publications by Year
in descending order

81 papers	762 citations	516710 16 h-index	610901 24 g-index
81 all docs	81 docs citations	81 times ranked	401 citing authors

#	Article	IF	Citations
1	Classical and quantum exact solutions for a FRW in chiral like cosmology. Classical and Quantum Gravity, 2021, 38, 135027.	4.0	11
2	Anisotropic chiral cosmology: Exact solutions. International Journal of Modern Physics D, 2021, 30, 2150080.	2.1	5
3	Noncommutative effective loop quantum cosmology: Inclusion of a potential term. Physical Review D, 2021, 104, .	4.7	1
4	Classical and quantum exact solutions for the anisotropic Bianchi type I in multi-scalar field cosmology with an exponential potential driven inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135667.	4.1	4
5	Cosmological volume acceleration in dust epoch: using scaling solutions and variable cosmological term $\Lambda (t)$ within an anisotropic cosmological model. Astrophysics and Space Science, 2020, 365, 1.	1.4	2
6	Noncommutative Friedmann equations in effective LQC. International Journal of Modern Physics D, 2020, 29, 2050039.	2.1	1
7	Hamilton's approach in cosmological inflation with an exponential potential and its observational constraints. Astrophysics and Space Science, 2019, 364, 1.	1.4	75
8	Cosmologies with Scalar Fields from Higher Dimensions Applied to Bianchi Type VIh=-1 Model: Classical and Quantum Solutions. Advances in High Energy Physics, 2018, 2018, 1-13.	1.1	1
9	Cosmologies with scalar fields from higher dimensions: K-essence like fields. Journal of Physics: Conference Series, 2018, 1030, 012010.	0.4	0
10	Classical and Quantum Exact Solutions for a FRW Multiscalar Field Cosmology with an Exponential Potential Driven Inflation. Advances in Mathematical Physics, 2018, 2018, 1-9.	0.8	5
11	Scalar potentials with multi-scalar fields from quantum cosmology and supersymmetric quantum mechanics. European Physical Journal Plus, 2017, 132, 1.	2.6	13
12	Time-Dependent Toroidal Compactification Proposals and the Bianchi Type I Model: Classical and Quantum Solutions. Advances in High Energy Physics, 2016, 2016, 1-12.	1.1	1
13	Time-dependent toroidal compactification proposals and the Bianchi type II model: Classical and quantum solutions. European Physical Journal Plus, 2016, 131, 1.	2.6	3
14	Time-varying cosmological term. Journal of Physics: Conference Series, 2015, 654, 012007.	0.4	1
15	An effective non-commutative loop quantum cosmology. Journal of Physics: Conference Series, 2015, 654, 012003.	0.4	0
16	Variable cosmological term $\Lambda (t)$ $\varLambda(t)$. Astrophysics and Space Science, 2015, 360, 1.	1.4	12
17	Noncommutative Quantum Anisotropic cosmology in K-essence. Journal of Physics: Conference Series, 2014, 545, 012005.	0.4	0
18	Classical Bianchi Type I Cosmology in K-Essence Theory. Advances in High Energy Physics, 2014, 2014, 1-11.	1.1	10

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19	Quintom phase-space: Beyond the exponential potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 285-297.	4.1	43
20	Quantum Bianchi Type IX Cosmology in K-Essence Theory. International Journal of Theoretical Physics, 2014, 53, 3066-3077.	1.2	5
21	Searching solutions by Lagrange-Charpit method in cosmology: Bianchi type I toy model in self creation cosmology. , 2014, , .		1
22	Anisotropic cosmology in K-essence theory. Journal of Physics: Conference Series, 2014, 545, 012015.	0.4	0
23	Quintom Potentials from Quantum Cosmology Using the FRW Cosmological Model. International Journal of Theoretical Physics, 2013, 52, 2722-2734.	1.2	12
24	FRW in Cosmological Self-creation Theory. International Journal of Theoretical Physics, 2013, 52, 2867-2878.	1.2	4
25	FRW in cosmological self-creation theory: Hamiltonian approach. , 2013, , .		1
26	Quintom potentials from a quantum anisotropic model. , 2013, , .		0
27	FRW in cosmological self-creation theory. , 2013, , .		0
28	Bianchi class A models in SaÌ€ez-Ballester's theory. , 2012, , .		0
29	Quintom potentials from quantum cosmology. , 2012, , .		0
30	Quintom Potential from Quantum Anisotropic Cosmological Models. , 2012, , .		1
31	On noncommutative minisuperspace and the Friedmann equations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 271-274.	4.1	20
32	Parameter Region for Existence of Non-classical Solitons. International Journal of Theoretical Physics, 2010, 49, 1612-1621.	1.2	0
33	Noncommutativity and the Friedmann Equations. , 2010, , .		0
34	Towards Noncommutative Supersymmetric Quantum Cosmology. , 2010, , .		2
35	Inflation from supersymmetric quantum cosmology. Physical Review D, 2010, 82, .	4.7	12
36	Soliton Structures in a Molecular Chain Model withÂSaturation. International Journal of Theoretical Physics, 2009, 48, 670-683.	1.2	11

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37	Scalar Field in the Bianchi I: Noncommutative Classical and Quantum Cosmology. International Journal of Theoretical Physics, 2009, 48, 3567-3585.	1.2	6
38	(Non)commutative Isotropization in Bianchi I with Barotropic Perfect Fluid and Î› Cosmological. International Journal of Theoretical Physics, 2008, 47, 1240-1251.	1.2	4
39	NON-COMMUTATIVE BIANCHI QUANTUM COSMOLOGY. International Journal of Modern Physics D, 2007, 16, 1625-1632.	2.1	6
40	SCALAR POTENTIALS OUT OF CANONICAL QUANTUM COSMOLOGY. International Journal of Modern Physics D, 2007, 16, 641-653.	2.1	18
41	Noncommutativity and scalar field cosmology. Physical Review D, 2007, 76, .	4.7	16
42	Mass Parameter Quantization in the FRW Cosmological Model. International Journal of Theoretical Physics, 2007, 46, 553-561.	1.2	0
43	Noncommutative Bianchi Type II Quantum Cosmology. International Journal of Theoretical Physics, 2007, 46, 2928-2934.	1.2	16
44	Iso-Spectral Potentials and Inflationary Quantum Cosmology. International Journal of Theoretical Physics, 2006, 45, 2483-2496.	1.2	1
45	Classical and quantum solutions from string theory. Journal of Physics: Conference Series, 2005, 24, 173-178.	0.4	0
46	Wave functions in SUSY cosmological models with matter. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 340, 51-58.	2.1	4
47	Mass quantization in quantum and susy cosmological models with matter content. Journal of Physics: Conference Series, 2005, 24, 167-172.	0.4	1
48	CLASSICAL AND QUANTUM TIME DEPENDENT SOLUTIONS IN STRING THEORY. International Journal of Modern Physics A, 2004, 19, 5651-5661.	1.5	1
49	Inflation from supersymmetric quantum cosmology. Physical Review D, 2004, 69, .	4.7	3
50	Classical Solutions from Quantum Regime for Barotropic FRW Model. International Journal of Theoretical Physics, 2003, 42, 2087-2096.	1.2	10
51	Factorization approach for barotropic FRW model with aÂcosmological constant. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 313, 338-342.	2.1	10
52	Transform of Riccati equation of constant coefficients through fractional procedure. Journal of Physics A, 2003, 36, 1087-1093.	1.6	4
53	Ermakov Approach for Minisuperspace Oscillators. International Journal of Theoretical Physics, 2002, 41, 39-43.	1.2	2
54	Supersymmetric quantum mechanics for Bianchi class A models. Physical Review D, 2000, 61, .	4.7	23

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55	Supersymmetric FRW model and the ground state of supergravity. Classical and Quantum Gravity, 1999, 16, 797-812.	4.0	12
56	Generalized Reissner-Nordstrãm solution in metric-affine gravity. Classical and Quantum Gravity, 1999, 16, 2323-2333.	4.0	5
57	Supersymmetry breaking and a normalizable wavefunction for the FRW ($k = 0$) cosmological model. Classical and Quantum Gravity, 1999, 16, 2861-2870.	4.0	27
58	Dual symmetry and the vacuum energy. Physical Review D, 1999, 60, .	4.7	3
59	Self-dual gravity and self-dual Yang-Mills theory in the context of the Macdowell-Mansouri formalism. Physical Review D, 1999, 59, .	4.7	7
60	SPONTANEOUS BREAKING OF SUPERSYMMETRY IN COSMOLOGICAL MODELS AND SUPERGRAVITY THEORIES. Modern Physics Letters A, 1999, 14, 1209-1216.	1.2	11
61	Electrovacuum sector of the MAG theories. Classical and Quantum Gravity, 1999, 16, 93-100.	4.0	8
62	Computer algebra in gravity: Reduce-Excalc programs for (non-) Riemannian space-times. I. Computer Physics Communications, 1998, 115, 264-283.	7.5	22
63	Multipole-like solutions in metric-affine gravity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 244, 317-323.	2.1	8
64	Supersymmetric one-parameter strict isospectrality for the attractive potentials. Journal of Physics A, 1998, 31, 8835-8839.	1.6	4
65	Plebanski-Demianski-like solutions in metric-affine gravity. Classical and Quantum Gravity, 1998, 15, 1793-1799.	4.0	19
66	Solitonic monopole solution in metric-affine gauge theory carrying Weyl charges. Classical and Quantum Gravity, 1998, 15, 445-452.	4.0	14
67	Supersymmetric quantum cosmology: The physical states. Physical Review D, 1998, 57, 1027-1033.	4.7	13
68	Colliding waves in metric-affine gravity. Physical Review D, 1998, 57, 3457-3462.	4.7	15
69	Two-dimensional Fokker - Planck solutions and Grassmann variables. Journal of Physics A, 1996, 29, 1825-1829.	1.6	3
70	Supergravity as gauge theory and the Ashtekar formulation. AIP Conference Proceedings, 1996, , .	0.4	0
71	CLASSICAL SOLUTIONS IN FIVE-DIMENSIONAL-INDUCED MATTER THEORY AND ITS RELATION TO AN IMPERFECT FLUID. International Journal of Modern Physics A, 1996, 11, 5495-5504.	1.5	5
72	Γ=We Â±Î¦ Quantum cosmological solutions for class A Bianchi models. International Journal of Theoretical Physics, 1996, 35, 1381-1388.	1.2	21

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73	One-parameter family of closed, radiation-filled Friedmann-Robertson-Walker quantum universes. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 223, 28-30.	2.1	13
74	Gauge Theory of Supergravity Based Only on a Self-Dual Spin Connection. Physical Review Letters, 1996, 76, 3482-3485.	7.8	31
75	Bianchi V models in N=2, D=5 supergravity. International Journal of Theoretical Physics, 1995, 34, 701-706.	1.2	7
76	Gauge theory of the de Sitter group and the Ashtekar formulation. Physical Review D, 1994, 50, R3583-R3586.	4.7	36
77	Bianchi VI0 models in N=2, D=5 supergravity. General Relativity and Gravitation, 1993, 25, 1159-1164.	2.0	8
78	SUPERSYMMETRIC QUANTUM COSMOLOGY. International Journal of Modern Physics A, 1993, 08, 4291-4317.	1.5	30
79	Supersymmetric quantum cosmology proposals and the Bianchi type-II model. Physical Review D, 1993, 47, 4471-4475.	4.7	30
80	Supersymmetric microsuperspace quantization for the Taub model. Physical Review D, 1992, 45, 2026-2032.	4.7	27
81	Supersymetric Taub model, the micro-superspace sector. Astrophysics and Space Science, 1992, 193, 61-68.	1.4	1