

# JosÃ© MourÃ£o

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/877719/publications.pdf>

Version: 2024-02-01

36  
papers

1,155  
citations

567281

15  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Segal-Bargmann transforms from hyperbolic Hamiltonians. Journal of Mathematical Analysis and Applications, 2021, 500, 125146.	1.0	0
2	Partial coherent state transforms, Gã€-T-invariant Kã€hler structures and geometric quantization of cotangent bundles of compact Lie groups. Advances in Mathematics, 2020, 368, 107139.	1.1	0
3	A new approximation method for geodesics on the space of Kã€hler metrics. Analysis and Mathematical Physics, 2019, 9, 1927-1939.	1.3	0
4	Clifford coherent state transforms on spheres. Journal of Geometry and Physics, 2018, 124, 225-232.	1.4	3
5	Coherent state transforms and the Weyl equation in Clifford analysis. Journal of Mathematical Physics, 2017, 58, .	1.1	12
6	Extending coherent state transforms to Clifford analysis. Journal of Mathematical Physics, 2016, 57, .	1.1	16
7	Complex symplectomorphisms and pseudo-Kã€hler islands in the quantization of toric manifolds. Mathematische Annalen, 2016, 364, 1-28.	1.4	5
8	On Complexified Analytic Hamiltonian Flows and Geodesics on the Space of Kã€hler Metrics. International Mathematics Research Notices, 2015, 2015, 10624-10656.	1.0	7
9	Quantization in singular real polarizations: Kã€hler regularization, Maslov correction and pairings. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 22FT01.	2.1	1
10	Coherent state transforms and the Mackey-Stone-Von Neumann theorem. Journal of Mathematical Physics, 2014, 55, 102101.	1.1	8
11	Complex time evolution in geometric quantization and generalized coherent state transforms. Journal of Functional Analysis, 2013, 265, 1460-1493.	1.4	11
12	Quantization of some moduli spaces of parabolic vector bundles on $\mathbb{C}P^1$ . Annals of Global Analysis and Geometry, 2013, 43, 161-176.	0.6	0
13	Degeneration of Kã€hler structures and half-form quantization of toric varieties. Journal of Symplectic Geometry, 2013, 11, 603-643.	0.5	9
14	Toric Kã€hler metrics seen from infinity, quantization and compact tropical amoebas. Journal of Differential Geometry, 2011, 89, .	1.1	10
15	Quantization of abelian varieties: Distributional sections and the transition from Kã€hler to real polarizations. Journal of Functional Analysis, 2010, 258, 3388-3412.	1.4	10
16	On the BKS pairing for Kã€hler quantizations of the cotangent bundle of a Lie group. Journal of Functional Analysis, 2006, 234, 180-198.	1.4	34
17	Geometric quantization, complex structures and the coherent state transform. Journal of Functional Analysis, 2005, 221, 303-322.	1.4	30
18	Coherent state transforms and vector bundles on elliptic curves. Journal of Functional Analysis, 2003, 204, 355-398.	1.4	13

#	ARTICLE	IF	CITATIONS
19	Coherent State Transforms and Abelian Varieties. <i>Journal of Functional Analysis</i> , 2002, 192, 410-424.	1.4	12
20	Constructing Hamiltonian quantum theories from path integrals in a diffeomorphism-invariant context. <i>Classical and Quantum Gravity</i> , 2000, 17, 4919-4940.	4.0	21
21	The status of diffeomorphism superselection in Euclidean 2+1 gravity. <i>Journal of Mathematical Physics</i> , 1997, 38, 4730-4740.	1.1	7
22	SU(N) Quantum Yang-Mills theory in two dimensions: A complete solution. <i>Journal of Mathematical Physics</i> , 1997, 38, 5453-5482.	1.1	24
23	Complexification of gauge theories. <i>Journal of Geometry and Physics</i> , 1996, 18, 1-24.	1.4	0
24	Coherent State Transforms for Spaces of Connections. <i>Journal of Functional Analysis</i> , 1996, 135, 519-551.	1.4	71
25	Quantization of diffeomorphism invariant theories of connections with local degrees of freedom. <i>Journal of Mathematical Physics</i> , 1995, 36, 6456-6493.	1.1	474
26	On the support of the Ashtekar-Lewandowski measure. <i>Communications in Mathematical Physics</i> , 1995, 170, 583-605.	2.2	117
27	Generalized coordinates on the phase space of Yang-Mills theory. <i>Classical and Quantum Gravity</i> , 1995, 12, 1191-1198.	4.0	0
28	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
29	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
30	Stability of compactification in Einstein-Yang-Mills theories after inflation. <i>Physical Review D</i> , 1992, 45, 3405-3414.	4.7	15
31	The ground-state wavefunction of a radiation-dominated universe. <i>Classical and Quantum Gravity</i> , 1991, 8, 1271-1282.	4.0	39
32	Homogeneous and isotropic closed cosmologies with a gauge sector. <i>Classical and Quantum Gravity</i> , 1991, 8, 1815-1831.	4.0	30
33	DYNAMICS OF EUCLIDEANIZED EINSTEIN-YANG-MILLS SYSTEMS WITH ARBITRARY GAUGE GROUPS. <i>International Journal of Modern Physics A</i> , 1991, 06, 4149-4180.	1.5	49
34	SCALAR FIELDS IN THE DIMENSIONAL REDUCTION SCHEME FOR SYMMETRIC SPACES. <i>International Journal of Modern Physics A</i> , 1989, 04, 151-171.	1.5	25
35	Symmetric spaces and Higgs models in the method of dimensional reduction. I. Potentials of the scalar fields of the reduced theory. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 1989, 78, 41-49.	0.9	2
36	Symmetric spaces and Higgs models in the method of dimensional reduction. II. Theories with one multiplet of scalar fields. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 1989, 78, 191-200.	0.9	3