

J-P Gazeau

List of Publications by Year in descending order

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212
papers

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233
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation and selection of grasp quality criteria for dexterous manipulation. Journal of Intelligent and Robotic Systems: Theory and Applications, 2022, 104, 1.	2.0	6
2	Helstrom Bound for Squeezed Coherent States in Binary Communication. Entropy, 2022, 24, 220.	1.1	2
3	Two-mode squeezed state quantisation and semiclassical portraits. Annals of Physics, 2022, 441, 168888.	1.0	2
4	Quantum Yang-Mills theory in de Sitter ambient space formalism. Nuclear Physics B, 2022, 980, 115811.	0.9	6
5	Quantum Models À la Gabor for the Space-Time Metric. Entropy, 2022, 24, 835.	1.1	1
6	Biomechanical comparison between manual and motorless device assisted patient handling: sitting to and from standing position. Applied Ergonomics, 2021, 90, 103284.	1.7	4
7	Generalized Susskind's Glogower coherent states. Journal of Mathematical Physics, 2021, 62, 072104.	0.5	6
8	Lowering the Helstrom bound with non-standard coherent states. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 3556.	0.9	6
9	Cold Dark Matter: A Gluonic Bose-Einstein Condensate in Anti-de Sitter Space Time. Universe, 2021, 7, 402.	0.9	5
10	Evaluation of Hand-Tracking Systems in Teleoperation and Virtual Dexterous Manipulation. IEEE Sensors Journal, 2020, 20, 1642-1655.	2.4	30
11	Uncertainty relation for angle from a quantum-hydrodynamical perspective. Annals of Physics, 2020, 416, 168159.	1.0	8
12	Mathematical work of Franciszek Hugon Szafraniec and its impacts. Advances in Operator Theory, 2020, 5, 1297-1313.	0.3	3
13	Quantum Mixmaster as a Model of the Primordial Universe. Universe, 2020, 6, 7.	0.9	16
14	Covariant integral quantization of the unit disk. Journal of Mathematical Physics, 2020, 61, .	0.5	9
15	2-D covariant affine integral quantization(s). Advances in Operator Theory, 2020, 5, 901-935.	0.3	5
16	Quantum and semi-classical aspects of confined systems with variable mass. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 505306.	0.7	4
17	Mass in de Sitter and Anti-de Sitter Universes with Regard to Dark Matter. Universe, 2020, 6, 66.	0.9	4
18	Signal Analysis and Quantum Formalism: Quantizations with No Planck Constant. Applied and Numerical Harmonic Analysis, 2020, , 135-155.	0.1	1

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19	Coherent States in Quantum Optics: An Oriented Overview. , 2019, , 69-101.		5
20	Architecture Choice of a Robotic Hand for Deep-Sea Exploration Based on the Expert Gestures Movements Analysis. Mechanisms and Machine Science, 2019, , 1-19.	0.3	2
21	Quantum smooth boundary forces from constrained geometries. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 445203.	0.7	7
22	Gupta-Bleuler quantization for linearized gravity in de Sitter spacetime. Physical Review D, 2019, 100, .	1.6	4
23	Joseph Fourier 250th Birthday: Modern Fourier Analysis and Fourier Heat Equation in Information Sciences for the XXIst Century. Entropy, 2019, 21, 250.	1.1	1
24	Orientations in the Plane as Quantum States. Brazilian Journal of Physics, 2019, 49, 391-401.	0.7	3
25	Massive Rarita-Schwinger field in de Sitter space. Physical Review D, 2019, 100, .	1.6	4
26	Möbius Transforms, Cycles and q-triplets in Statistical Mechanics. Entropy, 2019, 21, 1155.	1.1	11
27	RTRobMultiAxisControl: A Framework for Real-Time Multiaxis and Multirobot Control. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1205-1217.	3.4	10
28	Generalized Heisenberg algebra and (non linear) pseudo-bosons. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 155201.	0.7	11
29	Three examples of quantum dynamics on the half-line with smooth bouncing. Annals of Physics, 2018, 392, 206-228.	1.0	20
30	Integrable Toda system as a quantum approximation to the anisotropy of the mixmaster universe. Physical Review D, 2018, 98, .	1.6	7
31	Joint action with a virtual robotic vs. human agent. Cognitive Systems Research, 2018, 52, 816-827.	1.9	7
32	From Classical to Quantum Models: The Regularising Role of Integrals, Symmetry and Probabilities. Foundations of Physics, 2018, 48, 1648-1667.	0.6	16
33	On the coherent states for a relativistic scalar particle. Annals of Physics, 2018, 399, 204-223.	1.0	6
34	Variations À la Fourier-Weyl-Wigner on Quantizations of the Plane and the Half-Plane. Entropy, 2018, 20, 787.	1.1	10
35	Primordial gravitational waves in a quantum model of big bounce. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 057-057.	1.9	7
36	Quantum localisation on the circle. Journal of Mathematical Physics, 2018, 59, 052105.	0.5	12

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37	Focus on the mechatronics design of a new dexterous robotic hand for inside hand manipulation. <i>Robotica</i> , 2018, 36, 1206-1224.	1.3	17
38	Towards an Autonomous Airborne Robotic Agent. <i>Mechanisms and Machine Science</i> , 2018, , 62-69.	0.3	2
39	Spectral properties of the quantum Mixmaster universe. <i>Physical Review D</i> , 2017, 96, .	1.6	12
40	More quantum centrifugal effect in rotating frame. <i>Europhysics Letters</i> , 2017, 118, 50004.	0.7	5
41	COVARIANT INTEGRAL QUANTIZATIONS AND THEIR APPLICATIONS TO QUANTUM COSMOLOGY. <i>Acta Polytechnica</i> , 2016, 56, 173.	0.3	5
42	Action co-representation during task sharing and sensorimotor experience: A comparison study between Human-Human and Human-Robot interaction. , 2016, , .		1
43	Symmetric deformed binomial distributions: An analytical example where the Boltzmann-Gibbs entropy is not extensive. <i>Journal of Mathematical Physics</i> , 2016, 57, .	0.5	3
44	An industrial standard based control architecture for multi-robot real time coordination. , 2016, , .		3
45	Covariant affine integral quantization(s). <i>Journal of Mathematical Physics</i> , 2016, 57, .	0.5	26
46	Vibronic framework for quantum mixmaster universe. <i>Physical Review D</i> , 2016, 93, .	1.6	12
47	Nonadiabatic bounce and an inflationary phase in the quantum mixmaster universe. <i>Physical Review D</i> , 2016, 93, .	1.6	8
48	Three paths toward the quantum angle operator. <i>Annals of Physics</i> , 2016, 375, 16-35.	1.0	8
49	Extensivity of Rényi entropy for the Laplace de Finetti distribution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 441, 23-31.	1.2	4
50	A New Dexterous Hand Based on Bio-Inspired Finger Design for Inside-Hand Manipulation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 809-817.	5.9	42
51	Smooth bounce in the affine quantization of a Bianchi I model. <i>Physical Review D</i> , 2015, 91, .	1.6	9
52	Publisher's Note: Smooth bounce in the affine quantization of a Bianchi I model [<i>Phys. Rev. D</i> 91, 124002 (2015)]. <i>Physical Review D</i> , 2015, 91, .	1.6	1
53	Singularity avoidance in a quantum model of the Mixmaster universe. <i>Physical Review D</i> , 2015, 92, .	1.6	29
54	Integral quantizations with POVM and some applications. <i>Journal of Physics: Conference Series</i> , 2015, 597, 012037.	0.3	1

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55	The Hermann Weyl Prize 2014. Journal of Physics: Conference Series, 2015, 597, 011005.	0.3	0
56	Positive-Operator Valued Measure (POVM) Quantization. Axioms, 2015, 4, 1-29.	0.9	17
57	Dirac distribution and Dirac constraint quantizations. Physica Scripta, 2015, 90, 074039.	1.2	2
58	Smooth quantum dynamics of the mixmaster universe. Physical Review D, 2015, 92, .	1.6	26
59	Hilbert Spaces with Reproducing Kernels and Coherent States. Theoretical and Mathematical Physics (United States), 2014, , 105-132.	0.0	0
60	Smooth big bounce from affine quantization. Physical Review D, 2014, 89, .	1.6	35
61	Positive Operator-Valued Measures and Frames. Theoretical and Mathematical Physics (United States), 2014, , 37-60.	0.0	1
62	Integral quantizations with two basic examples. Annals of Physics, 2014, 344, 43-68.	1.0	54
63	Coherent States, Wavelets, and Their Generalizations. Theoretical and Mathematical Physics (United) Tj ETQq1 1 0.784314 rgBT /Over 0.0 501	0.0	501
64	Quantizations from (P)OVM's. Journal of Physics: Conference Series, 2014, 512, 012032.	0.3	5
65	Wavelets on Manifolds. Theoretical and Mathematical Physics (United States), 2014, , 457-493.	0.0	4
66	Canonical Coherent States. Theoretical and Mathematical Physics (United States), 2014, , 15-36.	0.0	0
67	Multidimensional Wavelets and Generalizations. Theoretical and Mathematical Physics (United) Tj ETQq1 1 0.784314 rgBT /Overlock 0.0 1	0.0	1
68	Discrete Wavelet Transforms. Theoretical and Mathematical Physics (United States), 2014, , 379-410.	0.0	11
69	Integral Quantization. Theoretical and Mathematical Physics (United States), 2014, , 305-345.	0.0	0
70	Covariant Coherent States. Theoretical and Mathematical Physics (United States), 2014, , 165-202.	0.0	0
71	Square Integrable and Holomorphic Kernels. Theoretical and Mathematical Physics (United States), 2014, , 133-164.	0.0	0
72	CS of the Relativity Groups. Theoretical and Mathematical Physics (United States), 2014, , 271-304.	0.0	0

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73	Wavelets. Theoretical and Mathematical Physics (United States), 2014, , 347-377.	0.0	0
74	Wavelets Related to Affine Groups. Theoretical and Mathematical Physics (United States), 2014, , 495-513.	0.0	0
75	Extended pseudo-fermions from non commutative bosons. Journal of Mathematical Physics, 2013, 54, .	0.5	5
76	Are the Weyl and coherent state descriptions physically equivalent?. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 598-605.	0.9	12
77	Compact Gaussian quantum computation by multi-pixel homodyne detection. New Journal of Physics, 2013, 15, 093015.	1.2	40
78	Pisot-coherent states quantization of the harmonic oscillator. Annals of Physics, 2013, 330, 220-245.	1.0	17
79	Symmetric generalized binomial distributions. Journal of Mathematical Physics, 2013, 54, .	0.5	8
80	Quantum states of the bouncing universe. Physical Review D, 2013, 87, .	1.6	2
81	Using a motion capture system to identify pertinent design parameters of a bio-inspired mechanical hand. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 179-181.	0.9	3
82	Multimode homodyne detection as a tool for cluster state generation and Gaussian quantum computation. , 2013, , .		0
83	GENERALIZED BINOMIAL DISTRIBUTIONS. , 2013, , 265-270.		1
84	Dexterous Manipulation Planning for an Anthropomorphic Hand. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2013, , 241-248.	0.3	0
85	Action-angle coherent states for quantum systems with cylindric phase space. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 335302.	0.7	11
86	Frame quantization or exploring the world in the manner of a starfish. , 2012, , .		1
87	Design and Optimization of a Master-Slave System for Tele-Echography Application. , 2012, , .		3
88	Heinz-Dietrich Doebner "a tribute to a leader of scientific exchanges. Journal of Physics: Conference Series, 2012, 343, 012003.	0.3	0
89	Quantizations from reproducing kernel spaces. Annals of Physics, 2012, 332, 127-142.	1.0	8
90	Coherent states and related quantizations for unbounded motions. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 125306.	0.7	4

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91	Quantization with Action-Angle Coherent States. Journal of Physics: Conference Series, 2012, 343, 012038.	0.3	1
92	Generating functions for generalized binomial distributions. Journal of Mathematical Physics, 2012, 53, .	0.5	8
93	Coherent states: a contemporary panorama. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 240301.	0.7	8
94	Regrasping objects during manipulation tasks by combining genetic algorithms and finger gaiting. Meccanica, 2012, 47, 939-950.	1.2	5
95	Contribution to the design of robotized tele-echography system. Frontiers of Mechanical Engineering, 2012, 7, 135-149.	2.5	9
96	A real-time strategy for dexterous manipulation: Fingertips motion planning, force sensing and grasp stability. Robotics and Autonomous Systems, 2012, 60, 377-386.	3.0	28
97	A biomimetic reach and grasp approach for mechanical hands. Robotics and Autonomous Systems, 2012, 60, 473-486.	3.0	9
98	On a Generalization of the Binomial Distribution and Its Poisson-like Limit. Journal of Statistical Physics, 2012, 146, 264-280.	0.5	8
99	Design and Operation of Two Service Robot Arms. , 2012, , 247-273.		1
100	Finite-dimensional Hilbert space and frame quantization. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 175303.	0.7	25
101	Holomorphic Hermite polynomials and a non-commutative plane. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 495201.	0.7	25
102	New Printing Robot for High-Resolution Pictures on Three-Dimensional Wide Surfaces. IEEE Transactions on Industrial Electronics, 2011, 58, 384-391.	5.2	6
103	Pisot-Fibonacci-coherent states. Journal of Physics: Conference Series, 2011, 284, 012027.	0.3	0
104	A fast grasp synthesis method for online manipulation. Robotics and Autonomous Systems, 2011, 59, 421-427.	3.0	18
105	THE NATURE OF \hat{h} AND THE MASS OF THE GRAVITON: A CRITICAL VIEW. International Journal of Modern Physics Conference Series, 2011, 03, 3-26.	0.7	1
106	THE NATURE OF \hat{h} AND THE MASS OF THE GRAVITON: A CRITICAL VIEW. International Journal of Modern Physics A, 2011, 26, 3697-3720.	0.5	13
107	A discrete nonetheless remarkable brick in de Sitter: The "massless minimally coupled field". Physics of Atomic Nuclei, 2010, 73, 222-229.	0.1	6
108	Complex and real Hermite polynomials and related quantizations. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 305304.	0.7	35

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109	Coherent state quantization of paragrassmann algebras. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 385202.	0.7	11
110	Finite tight frames and some applications. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 193001.	0.7	25
111	Modified Landau levels, damped harmonic oscillator, and two-dimensional pseudo-bosons. Journal of Mathematical Physics, 2010, 51, 123502.	0.5	21
112	Semi-classical behavior of Pöschl-Teller coherent states. Europhysics Letters, 2010, 92, 60003.	0.7	15
113	Nonlinear coherent states for optimizing quantum information. Physica Scripta, 2010, 82, 038108.	1.2	7
114	A natural fuzzyness of de Sitter spacetime. Classical and Quantum Gravity, 2010, 27, 025004.	1.5	15
115	Coherent states in Quantum Information: An example of experimental manipulations. Journal of Physics: Conference Series, 2010, 213, 012013.	0.3	7
116	Krein Spaces in de Sitter Quantum Theories. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	2
117	A novel 5-axis robot for printing high resolution pictures from media on 3D wide surfaces. , 2009, , .		7
118	Optimization of grasping forces in handling of brittle objects. Robotics and Autonomous Systems, 2009, 57, 460-468.	3.0	11
119	Multiresolution of quasicrystal diffraction spectra. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, 466-489.	0.3	2
120	Coherent states of a particle in a magnetic field and the Stieltjes moment problem. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1916-1920.	0.9	12
121	Semiclassical and quantum motions on the non-commutative plane. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 3937-3943.	0.9	19
122	Noncommutative reading of the complex plane through Delone sequences. Journal of Mathematical Physics, 2009, 50, .	0.5	9
123	Asymptotic Behavior of Beta-Integers. Letters in Mathematical Physics, 2008, 84, 179-198.	0.5	5
124	Infinite quantum well: A coherent state approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3597-3607.	0.9	8
125	“Massless” vector field in de Sitter universe. Journal of Mathematical Physics, 2008, 49, .	0.5	60
126	Coherent states and Bayesian duality. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 365302.	0.7	19

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127	The question of mass in (anti-) de Sitter spacetimes. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 304008.	0.7	19
128	LMS robotic hand grasp and manipulation planning (an isomorphic exoskeleton approach). Robotica, 2008, 26, 177-188.	1.3	10
129	On the spectrum of the Thue-Morse quasicrystal and the rarefaction phenomenon. Journal De Theorie Des Nombres De Bordeaux, 2008, 20, 673-705.	0.0	3
130	Beta-lattice multiresolution of quasicrystalline Bragg peaks. , 2007, , .		0
131	Fuzzy spheres from inequivalent coherent states quantizations. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 10225-10249.	0.7	7
132	An Introduction to Quantum Field Theory in de Sitter space-time. AIP Conference Proceedings, 2007, , .	0.3	3
133	Continuous wavelet transform on the hyperboloid. Applied and Computational Harmonic Analysis, 2007, 23, 285-306.	1.1	18
134	Coherent state quantization and phase operator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 361, 301-304.	0.9	14
135	FINITE DIMENSIONAL QUANTIZATIONS OF THE (q,p) PLANE: NEW SPACE AND MOMENTUM (OR) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	10
136	Diffraction spectra of weighted Delone sets on beta-lattices with beta a quadratic unitary Pisot number. Annales De L'Institut Fourier, 2006, 56, 2437-2461.	0.2	4
137	Nested quasicrystalline discretisations of the line. , 2006, , 79-131.		0
138	Manipulation with a polyarticulated mechanical hand: a new efficient real-time method for computing fingertip forces for a global manipulation strategy. Robotica, 2005, 23, 479-490.	1.3	19
139	An Example of Symmetry Space-Group for a Quasicrystal. Ferroelectrics, 2004, 305, 9-13.	0.3	0
140	Bernauau Spline Wavelets and Sturmian Sequences. Journal of Fourier Analysis and Applications, 2004, 10, 269-300.	0.5	3
141	Symmetry groups for beta-lattices. Theoretical Computer Science, 2004, 319, 281-305.	0.5	4
142	Coherent state quantization of a particle in de Sitter space. Journal of Physics A, 2004, 37, 6977-6986.	1.6	20
143	Vector coherent states from Plancherel's theorem, Clifford algebras and matrix domains. Journal of Physics A, 2004, 37, 6067-6089.	1.6	40
144	A peculiar flip-flop actuator for an in-pipe microrobot. Robotica, 2004, 22, 547-561.	1.3	3

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145	Examples of Berezin-Toeplitz quantization: Finite sets and unit interval. CRM Proceedings & Lecture Notes, 2004, , 67-76.	0.1	5
146	Geometric study of the beta-integers for a Perron number and mathematical quasicrystals. Journal De Theorie Des Nombres De Bordeaux, 2004, 16, 125-149.	0.0	13
147	Quantization of the Sphere with Coherent States. International Journal of Theoretical Physics, 2003, 42, 1301-1310.	0.5	6
148	Additive and multiplicative properties of point sets based on beta-integers. Theoretical Computer Science, 2003, 303, 491-516.	0.5	22
149	â€œMassiveâ€ spin-2 field in de Sitter space. Journal of Mathematical Physics, 2003, 44, 3838.	0.5	73
150	Multidimensional generalized coherent states. Journal of Physics A, 2003, 36, 199-212.	1.6	40
151	Exact trace formulas for two-dimensional electron magnetism. Physical Review B, 2002, 65, .	1.1	19
152	Comment on: â€œMassiveâ€™ vector field in de Sitter spaceâ€•[J. Math. Phys. 41, 5920 (2000)]. Journal of Mathematical Physics, 2002, 43, 6379-6379.	0.5	11
153	The Fibonacci-Deformed Harmonic Oscillator. , 2001, , 65-79.		2
154	Temporally stable coherent states for infinite well and PÃ¶schlâ€™Teller potentials. Journal of Mathematical Physics, 2001, 42, 2349-2387.	0.5	203
155	Dirac fields and thermal effects in the de Sitter universe. Classical and Quantum Gravity, 2001, 18, 4373-4394.	1.5	53
156	Ground states of quasilattice-gas models. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 421-424.	2.6	1
157	From quasiperiodic tilings with \tilde{I}_n -inflation to \tilde{I}_n -wavelets. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 425-428.	2.6	2
158	Generalized coherent states for arbitrary quantum systems. , 2000, , 131-144.		10
159	â€œMassiveâ€ vector field in de Sitter space. Journal of Mathematical Physics, 2000, 41, 5920-5933.	0.5	55
160	Wavelet multiresolutions for the Fibonacci chain. Journal of Physics A, 2000, 33, L47-L51.	1.6	6
161	Gupta-Bleuler quantization for minimally coupled scalar fields in de Sitter space. Classical and Quantum Gravity, 2000, 17, 1415-1434.	1.5	115
162	Coherent States, Wavelets and Their Generalizations. Graduate Texts in Contemporary Physics, 2000, , .	0.2	417

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163	Counting Systems with Irrational Basis for Quasicrystals. , 2000, , 195-217.		1
164	BETA-INTEGERS AS A GROUP. , 2000, , .		6
165	Coherent states for systems with discrete and continuous spectrum. Journal of Physics A, 1999, 32, 123-132.	1.6	279
166	Tau-wavelets in the plane. Journal of Mathematical Physics, 1998, 39, 4201-4212.	0.5	9
167	Beta-integers as natural counting systems for quasicrystals. Journal of Physics A, 1998, 31, 6449-6472.	1.6	61
168	A symmetry group of a Thue - Morse quasicrystal. Journal of Physics A, 1998, 31, L435-L440.	1.6	4
169	Pisot-Cyclotomic Integers for Quasilattices. , 1997, , 175-198.		5
170	Tau-wavelets of Haar. Journal of Physics A, 1996, 29, 4549-4559.	1.6	14
171	Toward discrete wavelets with irrational scaling factor. Journal of Mathematical Physics, 1996, 37, 3001-3013.	0.5	9
172	Frames, the -duality in Minkowski space and spin coherent states. Journal of Physics A, 1996, 29, 5529-5549.	1.6	8
173	COHERENT STATES AND THEIR GENERALIZATIONS: A MATHEMATICAL OVERVIEW. Reviews in Mathematical Physics, 1995, 07, 1013-1104.	0.7	100
174	$SL(2, \hat{\alpha}, \cdot)$ -Coherent States and Integrable Systems in Classical and Quantum Physics. , 1995, , 147-158.		1
175	Affine Symmetry Semi-Groups for Quasi-Crystals. Europhysics Letters, 1994, 25, 435-440.	0.7	8
176	Quantum field theory in the de sitter universe. Physical Review Letters, 1994, 73, 1746-1749.	2.9	110
177	Continuous Frames in Hilbert Space. Annals of Physics, 1993, 222, 1-37.	1.0	187
178	Relativistic Quantum Frames. Annals of Physics, 1993, 222, 38-88.	1.0	23
179	Lie Algorithm for an Interacting $SU(1,1)$ Elementary System and Its Contraction. Annals of Physics, 1993, 222, 89-121.	1.0	9
180	Relativistic harmonic oscillator and space curvature. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 179, 67-71.	0.9	16

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181	Symmetries of variable coefficient Korteweg-de Vries equations. Journal of Mathematical Physics, 1992, 33, 4087-4102.	0.5	66
182	Poincare contraction of SU(1,1) Fock-Bargmann structure. Journal of Physics A, 1992, 25, 1549-1573.	1.6	16
183	Phase spaces for quantum elementary systems in anti-de Sitter and Minkowski spacetimes. Journal of Physics A, 1992, 25, 1185-1210.	1.6	3
184	Allowed transformations and symmetry classes of variable coefficient Korteweg-de Vries equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 167, 246-250.	0.9	34
185	Invariant bilinear forms on 3+2 de Sitter space. Classical and Quantum Gravity, 1989, 6, 329-348.	1.5	16
186	Integral-spin fields on (3+2) de Sitter space. Journal of Mathematical Physics, 1988, 29, 2533-2552.	0.5	29
187	Conformally invariant wave equations on 3+2 de Sitter space. , 1988, , 523-529.		0
188	Masslessness and light-cone propagation in 3+2 de Sitter and 2+1 Minkowski spaces. Physical Review D, 1986, 33, 415-420.	1.6	19
189	Gauge fixing and Gupta-Bleuler triplets in de Sitter QED. Journal of Mathematical Physics, 1985, 26, 1847-1854.	0.5	26
190	Gauge fixing and massless, integral-spin fields in de Sitter space. Letters in Mathematical Physics, 1984, 8, 507-516.	0.5	15
191	On two Sturmian alternatives to the LCAO method for a many-electron system. Journal of Chemical Physics, 1982, 76, 445-447.	1.2	20
192	Sturmian methods for the Coulomb potential with many fixed centres. Journal of Physics A, 1982, 15, 1227-1241.	1.6	10
193	Four Euclidean conformal group approach to the multiphoton processes in the atom. Journal of Mathematical Physics, 1982, 23, 156-164.	0.5	7
194	A Coulomb Sturmian basis for any spin. Physica A: Statistical Mechanics and Its Applications, 1982, 114, 428-432.	1.2	2
195	Generalized Bessel series and multiplicity problem in complex semisimple Lie algebra theory. Journal of Mathematical Physics, 1981, 22, 2120-2126.	0.5	1
196	Comments on the Dirac equation with mass and arbitrary spin: a simple and natural construction. Journal of Physics G: Nuclear Physics, 1981, 7, 1311-1313.	0.8	1
197	A remarkable duality in one-particle quantum mechanics between some confining potentials and $(R+L\tilde{z}^{\mu})$ potentials. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 75, 159-163.	0.9	10
198	The Dirac equation with arbitrary spin and mass, a simple and natural construction. Journal of Physics G: Nuclear Physics, 1980, 6, 1459-1475.	0.8	3

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199	Formulae for $\gamma(r_1 - r_2)$. Journal of Physics A, 1980, 13, 2623-2629.	1.6	2
200	Spectrum of potentials $gr-(s+2)$ via $SL(2, \mathbb{R})$ acting on quaternions. Journal of Physics A, 1980, 13, 1243-1257.	1.6	14
201	A new approach to the two-particle Schrödinger bound state problem. Journal of Chemical Physics, 1980, 73, 5147-5154.	1.2	18
202	Sturmian technique for the discrete spectrum of the Schrodinger equation. Journal of Physics A, 1980, 13, 3605-3617.	1.6	3
203	Simple construction of a relativistic wave equation with arbitrary mass and spin and belinfante's $1/S$ -conjecture. , 1980, , 230-233.		1
204	On the four euclidean conformal group structure of the Sturmian operator. Letters in Mathematical Physics, 1979, 3, 285-292.	0.5	6
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