Fabio Bagarello

List of Publications by Year
in descending order

189	2,570	201674	361022
papers	citations	27	35
		h-index	g-index

209	209	209	361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pseudo-Bosons and Their Coherent States. Letters in Mathematical Physics, 2022, , .	0.6	10
2	A Swanson-like Hamiltonian and the inverted harmonic oscillator. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 225204.	2.1	5
3	Bi-coherent states as generalized eigenstates of the position and the momentum operators. Zeitschrift Fur Angewandte Mathematik Und Physik, 2022, 73, .	1.4	2
4	Some results on the rotated infinitely deep potential and its coherent states. Physica A: Statistical Mechanics and Its Applications, 2021, 564, 125565.	2.6	1
5	Coupled Susy, pseudo-bosons and a deformed $su(1,1)$ Lie algebra. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 145201.	2.1	2
6	Topological Decompositions of the Pauli Group and their Influence on Dynamical Systems. Mathematical Physics Analysis and Geometry, 2021, 24, 1.	1.0	2
7	A chain of solvable non-Hermitian Hamiltonians constructed by a series of metric operators. Annals of Physics, 2021, 430, 168511.	2.8	6
8	Pseudo-bosons and bi-coherent states out of $\mathcal{L}^2(\mathbb{R})$. Journal of Physics: Conference Series, 2021, 2038, 012001.	0.4	8
9	Hamiltonians Generated by Parseval Frames. Acta Applicandae Mathematicae, 2021, 171, 1.	1.0	2
10	One-directional quantum mechanical dynamics and an application to decision making. Physica A: Statistical Mechanics and Its Applications, 2020, 537, 122739.	2.6	2
11	Spreading of Competing Information in a Network. Entropy, 2020, 22, 1169.	2.2	12
12	Modeling epidemics through ladder operators. Chaos, Solitons and Fractals, 2020, 140, 110193.	5.1	3
13	Bicoherent-state path integral quantization of a non-hermitian hamiltonian. Annals of Physics, 2020, 422, 168313.	2.8	7
14	Gibbs States, Algebraic Dynamics and Generalized Riesz Systems. Complex Analysis and Operator Theory, 2020, 14, 1.	0.6	0
15	Susy for Non-Hermitian Hamiltonians, with a View to Coherent States. Mathematical Physics Analysis and Geometry, 2020, 23, 1.	1.0	2
16	Some remarks on few recent results on the damped quantum harmonic oscillator. Annals of Physics, 2020, 414, 168091.	2.8	6
17	Eigenvalues of nonâ€Hermitian matrices: A dynamical and an iterative approachâ€"Application to a truncated Swanson model. Mathematical Methods in the Applied Sciences, 2020, 43, 5758-5775.	2.3	2
18	Weak pseudo-bosons. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 135201.	2.1	11

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19	Generalized Riesz Systems and Quasi Bases in Hilbert Space. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	4
20	Generalized Riesz systems and orthonormal sequences in Krein spaces. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 085202.	2.1	3
21	Fourier transforms, fractional derivatives, and a little bit of quantum mechanics. Rocky Mountain Journal of Mathematics, 2020, 50, .	0.4	3
22	Tridiagonality, supersymmetry and non self-adjoint Hamiltonians. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 355203.	2.1	5
23	A no-go result for the quantum damped harmonic oscillator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2836-2838.	2.1	14
24	Why a Quantum Tool in Classical Contexts? (Part II). , 2019, , 1-4.		0
25	Some Preliminaries. , 2019, , 7-56.		0
26	Desertification. , 2019, , 113-140.		0
27	Escape Strategies. , 2019, , 141-167.		0
28	Closed Ecosystems. , 2019, , 168-193.		0
29	More on Biological Systems. , 2019, , 194-205.		0
30	Quantum Game of Life and Its (H, ρ)-Induced Dynamics. , 2019, , 206-216.		0
31	Prehistoric Data Mining. , 2019, , 217-233.		0
32	A Simple Model of Information in Stock Markets. , 2019, , 234-249.		0
33	Decision-Making Driven by the Environment. , 2019, , 250-266.		0
34	Compatible and Incompatible Questions. , 2019, , 267-286.		0
35	This Is Not the Endâ€¦. , 2019, , 287-289.		0
36	A dynamical approach to compatible and incompatible questions. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121282.	2.6	2

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37	On the presence of families of pseudo-bosons in nilpotent Lie algebras of arbitrary corank. Journal of Geometry and Physics, 2019, 137, 124-131.	1.4	3
38	Two-dimensional Noncommutative Swanson Model and Its Bicoherent States. Trends in Mathematics, 2019, , 9-19.	0.1	6
39	Quantum like modeling of decision making: Quantifying uncertainty with the aid of Heisenbergâ€"Robertson inequality. Journal of Mathematical Psychology, 2018, 84, 49-56.	1.8	31
40	Generalized Heisenberg algebra and (non linear) pseudo-bosons. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 155201.	2.1	11
41	A description of pseudo-bosons in terms of nilpotent LieÂalgebras. Journal of Geometry and Physics, 2018, 125, 1-11.	1.4	9
42	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml48" display="inline" overflow="scroll" altimg="si48.gif"><mml:mrow><mml:mo>(</mml:mo><mml:mi>H</mml:mi><mml:mo>,</mml:mo><mml:mi>Ï</mml:mi><mml:mo>)</mml:mo></mml:r dynamics and large time behaviors. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 355-373.	2.6	21
43	Quantum mechanical settings inspired by RLC circuits. Journal of Mathematical Physics, 2018, 59, 042112.	1.1	5
44	Biorthogonal vectors, sesquilinear forms, and some physical operators. Journal of Mathematical Physics, 2018, 59, 033506.	1.1	17
45	Quantum field inspired model of decision making: Asymptotic stabilization of belief state via interaction with surrounding mental environment. Journal of Mathematical Psychology, 2018, 82, 159-168.	1.8	32
46	Bi-squeezed states arising from pseudo-bosons. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 455204.	2.1	10
47	Finite-dimensional pseudo-bosons: A non-Hermitian version of the truncated harmonic oscillator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2526-2532.	2.1	7
48	Non-Hermitian Operator Modelling of Basic Cancer Cell Dynamics. Entropy, 2018, 20, 270.	2.2	27
49	Projector operators in clustering. Mathematical Methods in the Applied Sciences, 2017, 40, 49-59.	2.3	4
50	(H, Ï)-induced dynamics and the quantum game of life. Applied Mathematical Modelling, 2017, 43, 15-32.	4.2	42
51	Modeling interactions between political parties and electors. Physica A: Statistical Mechanics and Its Applications, 2017, 481, 243-264.	2.6	27
52	Deformed quons and bi-coherent states. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170049.	2.1	23
53	kq-Representation for pseudo-bosons, and completeness of bi-coherent states. Journal of Mathematical Analysis and Applications, 2017, 450, 631-646.	1.0	11
54	Hamiltonians defined by biorthogonal sets. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 145203.	2.1	15

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55	A model of adaptive decision-making from representation of information environment by quantum fields. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170162.	3.4	28
56	Coordinate representation for non-Hermitian position and momentum operators. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170434.	2.1	11
57	A concise review of pseudobosons, pseudofermions, and their relatives. Theoretical and Mathematical Physics(Russian Federation), 2017, 193, 1680-1693.	0.9	9
58	Large-scale effects of migration and conflict in pre-agricultural groups: Insights from a dynamic model. PLoS ONE, 2017, 12, e0172262.	2.5	24
59	Intertwining operators for non-self-adjoint Hamiltonians and bicoherent states. Journal of Mathematical Physics, 2016, 57, 103501.	1.1	14
60	Appearances of pseudo-bosons from Black-Scholes equation. Journal of Mathematical Physics, 2016, 57, .	1.1	8
61	Exceptional Points in a Non-Hermitian Extension of the Jaynes-Cummings Hamiltonian. Springer Proceedings in Physics, 2016, , 83-95.	0.2	0
62	$\mathscr{D}\{-\}$ D - Deformed and SUSY-Deformed Graphene: First Results. Springer Proceedings in Physics, 2016, , 97-122.	0.2	2
63	An Operatorial Description of Desertification. SIAM Journal on Applied Mathematics, 2016, 76, 479-499.	1.8	30
64	Gibbs states defined by biorthogonal sequences. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 405202.	2.1	5
65	PT-symmetric graphene under a magnetic field. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20160365.	2.1	7
66	Non-self-adjoint Hamiltonians with complex eigenvalues. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 215304.	2.1	7
67	An improved model of alliances between political parties. Ricerche Di Matematica, 2016, 65, 399-412.	1.0	19
68	First results on applying a non-linear effect formalism to alliances between political parties and buy and sell dynamics. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 403-414.	2.6	16
69	Recent Results on Operator Techniques in the Description of Macroscopic Systems. , 2016, , 283-314.		0
70	Generalized Bogoliubov transformations versus D-pseudo-bosons. Journal of Mathematical Physics, 2015, 56, .	1.1	6
71	? $\mathcal{D}$ -Deformed Harmonic Oscillators. International Journal of Theoretical Physics, 2015, 54, 4110-4123.	1.2	12
72	Non-Hermitian Hamiltonian for a modulated Jaynes-Cummings model withPTsymmetry. Physical Review A, 2015, 91, .	2.5	29

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73	A phenomenological operator description of dynamics of crowds: Escape strategies. Applied Mathematical Modelling, 2015, 39, 2276-2294.	4.2	45
74	Some results on the dynamics and transition probabilities for non self-adjoint hamiltonians. Annals of Physics, 2015, 356, 171-184.	2.8	17
75	An Operator View on Alliances in Politics. SIAM Journal on Applied Mathematics, 2015, 75, 564-584.	1.8	47
76	A Quantum-Like View to a Generalized Two Players Game. International Journal of Theoretical Physics, 2015, 54, 3612-3627.	1.2	29
77	Toward a formalization of a two traders market with information exchange. Physica Scripta, 2015, 90, 015203.	2.5	32
78	Transition probabilities for non self-adjoint Hamiltonians in infinite dimensional Hilbert spaces. Annals of Physics, 2015, 362, 424-435.	2.8	14
79	Model pseudofermionic systems: Connections with exceptional points. Physical Review A, 2014, 89, .	2.5	21
80	Non-self-adjoint hamiltonians defined by Riesz bases. Journal of Mathematical Physics, 2014, 55, .	1.1	29
81	Some invariant biorthogonal sets with an application to coherent states. Journal of Mathematical Analysis and Applications, 2014, 415, 462-476.	1.0	2
82	Matrix Computations for the Dynamics of Fermionic Systems. International Journal of Theoretical Physics, 2014, 53, 555-565.	1.2	1
83	Dynamics of closed ecosystems described by operators. Ecological Modelling, 2014, 275, 89-99.	2.5	35
84	Quantum Ideas for Classical Systems. Acta Applicandae Mathematicae, 2014, 132, 27-39.	1.0	0
85	The role of information in a two-traders market. Physica A: Statistical Mechanics and Its Applications, 2014, 404, 224-233.	2.6	30
86	Extended pseudo-fermions from non commutative bosons. Journal of Mathematical Physics, 2013, 54, .	1.1	5
87	Pseudo-fermions in an Electronic Loss-Gain Circuit. International Journal of Theoretical Physics, 2013, 52, 4507-4518.	1.2	5
88	More mathematics for pseudo-bosons. Journal of Mathematical Physics, 2013, 54, 063512.	1.1	32
89	Damping and pseudo-fermions. Journal of Mathematical Physics, 2013, 54, .	1.1	10
90	pseudo-bosons in quantum models. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 3199-3204.	2.1	10

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91	Pseudo-bosons for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow>< type quantum Calogero model. Journal of Mathematical Analysis and Applications, 2013, 407, 90-96.	1.0	1
92	Non-self-adjoint model of a two-dimensional noncommutative space with an unbound metric. Physical Review A, 2013, 88, .	2.5	21
93	From self-adjoint to non-self-adjoint harmonic oscillators: Physical consequences and mathematical pitfalls. Physical Review A, 2013, 88, .	2.5	30
94	A PHENOMENOLOGICAL OPERATOR DESCRIPTION OF INTERACTIONS BETWEEN POPULATIONS WITH APPLICATIONS TO MIGRATION. Mathematical Models and Methods in Applied Sciences, 2013, 23, 471-492.	3.3	58
95	Nonlinear pseudo-bosons versus hidden Hermiticity: II. The case of unbounded operators. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 115311.	2.1	18
96	Quantizations from reproducing kernel spaces. Annals of Physics, 2012, 332, 127-142.	2.8	8
97	Linear pseudo-fermions. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 444002.	2.1	38
98	Weak commutation relations of unbounded operators: Nonlinear extensions. Journal of Mathematical Physics, 2012, 53, .	1.1	8
99	Coherent states: a contemporary panorama. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 240301.	2.1	8
100	Few Simple Rules to Fix the Dynamics of Classical Systems Using Operators. International Journal of Theoretical Physics, 2012, 51, 2077-2085.	1.2	5
101	Dissipation evidence for the quantum damped harmonic oscillator via pseudo-bosons. Theoretical and Mathematical Physics(Russian Federation), 2012, 171, 497-504.	0.9	3
102	Induced and reduced unbounded operator algebras. Annali Di Matematica Pura Ed Applicata, 2012, 191, 285-292.	1.0	0
103	Representable Linear Functionals on Partial *-Algebras. Mediterranean Journal of Mathematics, 2012, 9, 153-163.	0.8	3
104	The Dynamical Problem for a Non Self-adjoint Hamiltonian. , 2012, , 109-119.		0
105	Pseudo-Bosons, So Far. Reports on Mathematical Physics, 2011, 68, 175-210.	0.8	20
106	Nonlinear pseudo-bosons. Journal of Mathematical Physics, 2011, 52, .	1.1	15
107	(Regular) pseudo-bosons versus bosons. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 015205.	2.1	19
108	Representable states on quasilocal quasi *-algebras. Journal of Mathematical Physics, 2011, 52, .	1.1	12

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109	Nonlinear pseudo-bosons versus hidden Hermiticity. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 415305.	2.1	15
110	Non-isospectral Hamiltonians, intertwining operators and hidden hermiticity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 376, 70-74.	2.1	3
111	Two-Parameters Pseudo-Bosons. International Journal of Theoretical Physics, 2011, 50, 1060-1065.	1.2	3
112	A Note on the Pais-Uhlenbeck Model and Its Coherent States. International Journal of Theoretical Physics, 2011, 50, 3241-3250.	1.2	6
113	Damping in quantum love affairs. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2803-2811.	2.6	29
114	Weak commutation relations of unbounded operators and applications. Journal of Mathematical Physics, 2011, 52, 113508.	1.1	7
115	Locally convex quasi C^{*}-normed algebras. Journal of Mathematical Analysis and Applications, 2010, 366, 593-606.	1.0	10
116	Examples of pseudo-bosons in quantum mechanics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3823-3827.	2.1	44
117	Modular structures on trace class operators and applications to Landau levels. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 105202.	2.1	30
118	An Operator-Like Description of Love Affairs. SIAM Journal on Applied Mathematics, 2010, 70, 3235-3251.	1.8	26
119	Modified Landau levels, damped harmonic oscillator, and two-dimensional pseudo-bosons. Journal of Mathematical Physics, 2010, 51, 123502.	1.1	21
120	Pseudobosons, Riesz bases, and coherent states. Journal of Mathematical Physics, 2010, 51, .	1.1	54
121	Construction of pseudobosons systems. Journal of Mathematical Physics, 2010, 51, .	1.1	14
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123	Pseudo-Bosons from Landau Levels. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	2
124	Intertwining operators between different Hilbert spaces: Connection with frames. Journal of Mathematical Physics, 2009, 50, 043509.	1.1	16
125	Vector coherent states and intertwining operators. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 075302.	2.1	20
126	A quantum statistical approach to simplified stock markets. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4397-4406.	2.6	28

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127	Quons, coherent states and intertwining operators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2637-2642.	2.1	28
128	Representations and derivations of quasi âˆ—-algebras induced by local modifications of states. Journal of Mathematical Analysis and Applications, 2009, 356, 615-623.	1.0	4
129	Simplified stock markets described by number operators. Reports on Mathematical Physics, 2009, 63, 381-398.	0.8	15
130	Bicommutants of reduced unbounded operator algebras. Proceedings of the American Mathematical Society, 2009, 137, 3709-3709.	0.8	2
131	Extended SUSY quantum mechanics, intertwining operators and coherent states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6226-6231.	2.1	22
132	Multiplication of distributions in any dimension: Applications to Î´-function and its derivatives. Journal of Mathematical Analysis and Applications, 2008, 337, 1337-1344.	1.0	5
133	Gabor-like systems in {{mathcal L}}^2 ({b R}{}^d) and extensions to wavelets. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 335208.	2.1	1
134	Oâ€ -algebras and quantum dynamics: Some existence results. Journal of Mathematical Physics, 2008, 49, 053522.	1.1	0
135	Supersymmetric associated vector coherent states and generalized Landau levels arising from two-dimensional supersymmetry. Journal of Mathematical Physics, 2008, 49, 032110.	1.1	19
136	Structure of locally convex quasi C * -algebras. Journal of the Mathematical Society of Japan, 2008, 60, .	0.4	10
137	Invariant analytic orthonormalization procedure with an application to coherent states. Journal of Mathematical Physics, 2007, 48, 043505.	1.1	4
138	Bounded version of bosonic creation and annihilation operators and their related quasicoherent states. Journal of Mathematical Physics, 2007, 48, 013511.	1.1	1
139	ALGEBRAS OF UNBOUNDED OPERATORS AND PHYSICAL APPLICATIONS: A SURVEY. Reviews in Mathematical Physics, 2007, 19, 231-271.	1.7	44
140	Stock markets and quantum dynamics: A second quantized description. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 283-302.	2.6	32
141	An invariant analytic orthonormalization procedure with applications. Journal of Mathematical Physics, 2007, 48, 103513.	1.1	2
142	The Heisenberg picture in the analysis of stock markets and in other sociological contexts. Quality and Quantity, 2007, 41, 533-544.	3.7	4
143	Physical Applications of Algebras of Unbounded Operators. , 2007, , 93-121.		0
144	A note on faithful traces on a von Neumann algebra. Rendiconti Del Circolo Matematico Di Palermo, 2006, 55, 21-28.	1.3	2

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145	An operatorial approach to stock markets. Journal of Physics A, 2006, 39, 6823-6840.	1.6	44
146	Quasi *-algebras of measurable operators. Studia Mathematica, 2006, 172, 289-305.	0.7	22
147	A Non-Commutative Approach to Ordinary Differential Equations. International Journal of Theoretical Physics, 2005, 44, 1193-1216.	1.2	0
148	The Role of a Second Reservoir in an Open BCS Model. Open Systems and Information Dynamics, 2005, 12, 401-420.	1.2	2
149	Exponentiating derivations of quasiâ€”-algebras: possible approaches and applications. International Journal of Mathematics and Mathematical Sciences, 2005, 2005, 2805-2820.	0.7	16
150	Relations between multiresolution analysis and quantum mechanics. Journal of Mathematical Physics, 2005, 46, 053506.	1.1	3
151	Some physical appearances of vector coherent states and coherent states related to degenerate Hamiltonians. Journal of Mathematical Physics, 2005, 46, 053518.	1.1	26
152	THE OPEN BCS MODEL, ITS STOCHASTIC LIMIT AND SOME GENERALIZATIONS. Fluctuation and Noise Letters, 2005, 05, L343-L348.	1.5	0
153	Many-body applications of the stochastic limit: A review. Reports on Mathematical Physics, 2005, 56, 117-152.	0.8	3
154	Derivations of quasi*-algebras. International Journal of Mathematics and Mathematical Sciences, 2004, 2004, 1077-1096.	0.7	19
155	The stochastic limit in the analysis of the open BCS model. Journal of Physics A, 2004, 37, 2537-2548.	1.6	3
156	Generation of Frames. International Journal of Theoretical Physics, 2004, 43, 529-544.	1.2	1
157	A Noncommutative Approach to Ordinary Differential Equations. International Journal of Theoretical Physics, 2004, 43, 2371-2394.	1.2	0
158	The Stochastic Limit of the FrÃ¶hlich Hamiltonian: Relations with the Quantum Hall Effect. International Journal of Theoretical Physics, 2003, 42, 2515-2530.	1.2	4
159	Localization Properties and Wavelet-Like Orthonormal Bases for the Lowest Landau Level. , 2003, , 223-258.		9
160	Multiresolution analysis generated by a seed function. Journal of Mathematical Physics, 2003, 44, 1519-1534.	1.1	3
161	Multi-resolution analysis and fractional quantum Hall effect: more results. Journal of Physics A, 2003, 36, 123-138.	1.6	7
162	Algebraic dynamics inO*-algebras: A perturbative approach. Journal of Mathematical Physics, 2002, 43, 3280-3292.	1.1	13

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163	Multiplications of Distributions in One Dimension and a First Application to Quantum Field Theory. Journal of Mathematical Analysis and Applications, 2002, 266, 298-320.	1.0	21
164	Relations between the Hepp-Lieb and the Alli-Sewell Laser Models. Annales Henri Poincare, 2002, 3, 983-1002.	1.7	6
165	Some classes of topological quasi $*$-algebras. Proceedings of the American Mathematical Society, 2001, 129, 2973-2980.	0.8	34
166	Multi-resolution analysis and fractional quantum Hall effect: An equivalence result. Journal of Mathematical Physics, 2001, 42, 5116-5129.	1.1	9
167	Fixed points in topological ast-algebras of unbounded operators. Publications of the Research Institute for Mathematical Sciences, 2001, 37, 397-418.	0.8	9
168	Morphisms of Certain Banach C*-Modules. Publications of the Research Institute for Mathematical Sciences, 2000, 36, 681-705.	0.8	24
169	Locally Convex *-Algebras and the Thermodynamical Limit of Quantum Models. International Society for Analysis, Applications and Computation, 2000, , 651-659.	0.1	0
170	TOPOLOGICAL PARTIAL *-ALGEBRAS: BASIC PROPERTIES AND EXAMPLES. Reviews in Mathematical Physics, 1999, 11, 267-302.	1.7	11
171	New structures in the theory of the laser model. II. Microscopic dynamics and a nonequilibrium entropy principle. Journal of Mathematical Physics, 1998, 39, 2730-2747.	1.1	25
172	Applications of topological*-algebras of unbounded operators. Journal of Mathematical Physics, 1998, 39, 6091-6105.	1.1	21
173	The Heisenberg dynamics of spin systems: A quasi*â€algebras approach. Journal of Mathematical Physics, 1996, 37, 4219-4234.	1.1	30
174	Applications of wavelets to quantum mechanics: a pedagogical example. Journal of Physics A, 1996, 29, 565-576.	1.6	8
175	CQ*-Algebras: Structure Properties. Publications of the Research Institute for Mathematical Sciences, 1996, 32, 85-116.	0.8	43
176	Lp-Spaces as Quasi *-Algebras. Journal of Mathematical Analysis and Applications, 1996, 197, 810-824.	1.0	35
177	Multiplication of Distributions in One Dimension: Possible Approaches and Applications to Î´-Function and Its Derivatives. Journal of Mathematical Analysis and Applications, 1995, 196, 885-901.	1.0	27
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179	Wavelet-like orthonormal bases for the lowest Landau level. Journal of Physics A, 1994, 27, 2471-2481.	1.6	9
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181	A Note on the algebraic approach to the «almost» mean-field Heisenberg model. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1993, 108, 779-784.	0.2	14
182	Quantum corrections to the Wigner crystal: A Hartree-Fock expansion. Physical Review B, 1993, 48, 5306-5314.	3.2	14
183	Dynamics of mean-field spin models from basic results in abstract differential equations. Journal of Statistical Physics, 1992, 66, 849-866.	1.2	50
184	?Almost? mean-field ising model: An algebraic approach. Journal of Statistical Physics, 1991, 65, 469-482.	1.2	17
185	Transitions in Presence of Short Laser Pulses. Journal of Modern Optics, 1990, 37, 217-226.	1.3	2
186	Three-state quantum systems: A procedure for the solution. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1989, 11, 405-418.	0.4	3
187	Nonstandard analysis in classical physics and quantum formal scattering. International Journal of Theoretical Physics, 1988, 27, 557-566.	1.2	7
188	Abstract ladder operators and their applications. Journal of Physics A: Mathematical and Theoretical, 0, , .	2.1	3
189	D-Pseudo-Bosons, Complex Hermite Polynomials, and Integral Quantization. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	5