

Anatol Odziejewicz

List of Publications by Year in descending order

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papers

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66
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Integrable Hamiltonian Systems on the Symplectic Realizations of $\mathfrak{e}(3)^*$. Russian Journal of Mathematical Physics, 2022, 29, 91-114.	1.5	1
2	An integrable (classical and quantum) four-wave mixing Hamiltonian system. Journal of Mathematical Physics, 2020, 61, 073503.	1.1	3
3	Standard Groupoids of von Neumann Algebras. Trends in Mathematics, 2020, , 31-39.	0.1	0
4	A Family of Integrable Perturbed Kepler Systems. Russian Journal of Mathematical Physics, 2019, 26, 368-383.	1.5	2
5	Fiber-wise linear Poisson structures related to $\langle \mathbb{W} \rangle$. Journal of Geometry and Physics, 2018, 123, 385-423.	1.4	3
6	Integrability and correspondence of classical and quantum non-linear three-mode systems. Journal of Mathematical Physics, 2018, 59, .	1.1	2
7	Coherent State Maps for Kummer Shapes. Springer Proceedings in Physics, 2018, , 119-133.	0.2	0
8	Classical and quantum Kummer shape algebras. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 265202.	2.1	6
9	Banach-Lie groupoids associated to W^* -algebras. Journal of Symplectic Geometry, 2016, 14, 687-736.	0.5	4
10	Banach-Lie algebroids associated to the groupoid of partially invertible elements of a $\langle \mathbb{W} \rangle$. Journal of Geometry and Physics, 2015, 95, 108-126.	1.4	6
11	Positive kernels and quantization. Journal of Geometry and Physics, 2013, 63, 80-98.	1.4	11
12	Hierarchy of integrable Hamiltonians describing the nonlinear n -wave interaction. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 045204.	2.1	7
13	Integrable relativistic systems given by Hamiltonians with momentum-spin-orbit coupling. Regular and Chaotic Dynamics, 2012, 17, 492-505.	0.8	3
14	Integrable Hamiltonian systems related to the Hilbert-Schmidt ideal. Journal of Geometry and Physics, 2011, 61, 1426-1445.	1.4	13
15	Towards the Geometry of Reproducing Kernels. , 2010, , .		0
16	Hierarchy of Hamilton equations on Banach Lie-Poisson spaces related to restricted Grassmannian. Journal of Functional Analysis, 2010, 258, 3266-3294.	1.4	6
17	Some Integrable Systems on the Banach Lie-Poisson Space $\mathfrak{u}[\text{sub res}][\text{sup 1}]$. , 2009, , .		0
18	Quantum ball as an example of quantum Kähler manifold. Journal of Geometry and Physics, 2009, 59, 279-294.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Quantum Ball. , 2009, , .		0
20	Induced and coinduced Banach Lie-Poisson spaces and integrability. Journal of Functional Analysis, 2008, 255, 1225-1272.	1.4	5
21	Induction for weak symplectic Banach manifolds. Journal of Geometry and Physics, 2008, 58, 701-719.	1.4	3
22	Solutions of the q-deformed Schrödinger equation for special potentials. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 2023-2036.	2.1	27
23	Integrability of one-mode bosonic systems with $sl(2, \mathbb{R})$ symmetry. AIP Conference Proceedings, 2007, , .	0.4	0
24	Example of the two-mode bosonic system integrable by the dual Hahn polynomials. AIP Conference Proceedings, 2007, , .	0.4	0
25	Explicitly solvable models of a two-mode coupler in Kerr media. Physical Review A, 2007, 75, .	2.5	6
26	$sl(2, \mathbb{R})$ symmetry and solvable multiboson systems. Journal of Mathematical Physics, 2007, 48, 023508.	1.1	9
27	Noncommutative Kähler-like structures in quantization. Journal of Geometry and Physics, 2007, 57, 1259-1278.	1.4	5
28	Coherent state maps related to the bounded positive operators. Journal of Mathematical Physics, 2007, 48, 123514.	1.1	2
29	Second order q-difference equations solvable by factorization method. Journal of Computational and Applied Mathematics, 2006, 193, 319-346.	2.0	76
30	Integrable fermion systems with fourth-order nonlinearity. European Physical Journal D, 2006, 56, 1161-1165.	0.4	0
31	Quantum complex Minkowski space. Journal of Geometry and Physics, 2006, 56, 1576-1599.	1.4	9
32	COHERENT STATE MAP AND DEFORMATIONS OF MOYAL PRODUCT. , 2006, , .		0
33	Complex Minkowski Space as a Conformal Phase Space. AIP Conference Proceedings, 2005, , .	0.4	1
34	Factorization method for second order functional equations. Journal of Computational and Applied Mathematics, 2005, 176, 331-355.	2.0	12
35	Banach Lie-Poisson Spaces. World Scientific Monograph Series in Mathematics, 2005, , 113-127.	0.1	0
36	Coherent State Method in Geometric Quantization. World Scientific Monograph Series in Mathematics, 2005, , 47-78.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Extensions of C^* -algebras by partial isometries. Sbornik Mathematics, 2004, 195, 951-982.	0.6	12
38	Change of Variables in Factorization Method for Second-order Functional Equations. European Physical Journal D, 2004, 54, 1257-1263.	0.4	3
39	Extensions of Banach Lie-Poisson spaces. Journal of Functional Analysis, 2004, 217, 103-125.	1.4	15
40	Systems with intensity-dependent conversion integrable by finite orthogonal polynomials. Journal of Physics A, 2004, 37, 6115-6128.	1.6	8
41	The Exact Solution of the Eigenvalue Problem for the Parametric Down Conversion Process in the Kerr Medium. European Physical Journal D, 2003, 53, 1015-1020.	0.4	1
42	Banach Lie-Poisson Spaces and Reduction. Communications in Mathematical Physics, 2003, 243, 1-54.	2.2	53
43	Some integrable systems in nonlinear quantum optics. Journal of Mathematical Physics, 2003, 44, 480.	1.1	22
44	The Darboux-like transform and some integrable cases of the q-Riccati equation. Journal of Physics A, 2002, 35, 747-757.	1.6	6
45	General difference calculus and its application to functional equations of the second order. European Physical Journal D, 2002, 52, 1219-1224.	0.4	5
46	Operator algebras related to quantum optical systems and integrations. European Physical Journal D, 2002, 52, 1231-1237.	0.4	1
47	Integrable multi-boson systems and orthogonal polynomials. Journal of Physics A, 2001, 34, 4353-4376.	1.6	28
48	Para-Grassmann Star Product Calculation. Letters in Mathematical Physics, 1998, 43, 199-209.	1.1	3
49	{Quantum Algebras and q-Special Functions Related to Coherent States Maps of the Disc. Communications in Mathematical Physics, 1998, 192, 183-215.	2.2	60
50	Coherent states for deformed Jaynes-Cummings model. Reports on Mathematical Physics, 1997, 40, 277-283.	0.8	1
51	Coherent states map for MIC-Kepler system. Journal of Mathematical Physics, 1997, 38, 5010-5030.	1.1	15
52	The q -deformation of quantum mechanics of one degree of freedom. Journal of Mathematical Physics, 1995, 36, 1681-1690.	1.1	13
53	The q -Deformed Quantum Mechanics in the Coherent States Map Approach. , 1995, , 225-231.		0
54	Covariant and Contravariant Berezin Symbols of Bounded Operators. , 1994, , 99-108.		1

#	ARTICLE	IF	CITATIONS
55	COHERENT STATES FOR REDUCED PHASE SPACES. , 1993, , .		0
56	Coherent states and geometric quantization. Communications in Mathematical Physics, 1992, 150, 385-413.	2.2	65
57	On reproducing kernels and quantization of states. Communications in Mathematical Physics, 1988, 114, 577-597.	2.2	67
58	Two-twistor conformal Hamiltonian spaces. Reports on Mathematical Physics, 1986, 24, 65-80.	0.8	6
59	Classical and quantum mechanics on the unit ball in C^n . Reports on Mathematical Physics, 1986, 24, 351-363.	0.8	3
60	A conformal holomorphic field theory. Communications in Mathematical Physics, 1986, 107, 561-575.	2.2	11
61	A holomorphic field theory. Letters in Mathematical Physics, 1984, 8, 329-335.	1.1	1
62	Twistor flag spaces as phase spaces of conformal particles. Letters in Mathematical Physics, 1979, 3, 325-334.	1.1	5
63	Conformal invariant symplectic structures (semisimple case). Reports on Mathematical Physics, 1977, 12, 407-421.	0.8	2
64	A model of conformal kinematics. International Journal of Theoretical Physics, 1976, 15, 575-593.	1.2	6
65	Some Aspects of Positive Kernel Method of Quantization. Communications in Mathematical Physics, 0, , 1.	2.2	0
66	Poisson Geometry Related to Atiyah Sequences. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	1