Piotr SoÅ‚tan

List of Publications by Year
in descending order

38 papers	**410** citations	759233 **12** h-index	794594 **19** g-index
38 all docs	**38** docs citations	**38** times ranked	**62** citing authors

#	Article	IF	Citations
1	Closed quantum subgroups of locally compact quantum groups. Advances in Mathematics, 2012, 231, 3473-3501.	1.1	53
2	From multiplicative unitaries to quantum groups II. Journal of Functional Analysis, 2007, 252, 42-67.	1.4	35
3	Quantum families of maps and quantum semigroups on finite quantum spaces. Journal of Geometry and Physics, 2009, 59, 354-368.	1.4	32
4	Quantum Bohr compactification. Illinois Journal of Mathematics, 2005, 49, .	0.1	29
5	Property (T) and exotic quantum group norms. Journal of Noncommutative Geometry, 2012, 6, 773-800.	0.5	23
6	Quantum $\mathrm{SO}(3)$ groups and quantum group actions on M_2. Journal of Noncommutative Geometry, 2010, 4, 1-28.	0.5	22
7	Examples of non-compact quantum group actions. Journal of Mathematical Analysis and Applications, 2010, 372, 224-236.	1.0	19
8	Embeddable quantum homogeneous spaces. Journal of Mathematical Analysis and Applications, 2014, 411, 574-591.	1.0	19
9	A Remark on Manageable Multiplicative Unitaries. Letters in Mathematical Physics, 2001, 57, 239-252.	1.1	17
10	NEW QUANTUM "az+b" GROUPS. Reviews in Mathematical Physics, 2005, 17, 313-364.	1.7	14
11	Noncommutative homogeneous spaces: The matrix case. Journal of Geometry and Physics, 2012, 62, 1451-1466.	1.4	14
12	QUANTUM ISOMETRY GROUPS OF SYMMETRIC GROUPS. International Journal of Mathematics, 2012, 23, 1250074.	0.5	12
13	Quantum groups with projection on von Neumann algebra level. Journal of Mathematical Analysis and Applications, 2015, 427, 289-306.	1.0	11
14	Quantum actions on discrete quantum spaces and a generalization of Clifford's theory of representations. Israel Journal of Mathematics, 2018, 226, 475-503.	0.8	11
15	On actions of compact quantum groups. Illinois Journal of Mathematics, 2011, 55, .	0.1	11
16	Quantum Families of Invertible Maps and Related Problems. Canadian Journal of Mathematics, 2016, 68, 698-720.	0.6	11
17	ON QUANTUM SEMIGROUP ACTIONS ON FINITE QUANTUM SPACES. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2009, 12, 503-509.	0.5	9
18	Projective limits of quantum symmetry groups and the doubling construction for Hopf algebras. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2014, 17, 1450012.	0.5	8

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19	Quantum group of automorphisms of a finite quantum group. Journal of Algebra, 2015, 423, 514-537.	0.7	7
20	A Note on Amenability of Locally Compact Quantum Groups. Canadian Mathematical Bulletin, 2014, 57, 424-430.	0.5	6
21	Quantum automorphism groups of finite quantum groups are classical. Journal of Geometry and Physics, 2015, 89, 32-37.	1.4	6
22	Quantum spaces without group structure. Proceedings of the American Mathematical Society, 2010, 138, 2079-2086.	0.8	4
23	The canonical central exact sequence for locally compact quantum groups. Mathematische Nachrichten, 2017, 290, 1303-1316.	0.8	4
24	A Primer on Hilbert Space Operators. Compact Textbooks in Mathematics, 2018, , .	0.3	4
25	Induction for locally compact quantum groups revisited. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 1071-1093.	1.2	4
26	Quantum groups with projection and extensions of locally compact quantum groups. Journal of Noncommutative Geometry, 2020, 14, 105-123.	0.5	4
27	Lattice of Idempotent States on a Locally Compact Quantum Group. Publications of the Research Institute for Mathematical Sciences, 2020, 56, 33-53.	0.8	4
28	Compactifications of Discrete Quantum Groups. Algebras and Representation Theory, 2006, 9, 581-591.	0.7	3
29	Hopf images in locally compact quantum groups. Journal of Mathematical Analysis and Applications, 2017, 455, 141-166.	1.0	3
30	Quantum semigroups from synchronous games. Journal of Mathematical Physics, 2019, 60, .	1.1	3
31	Functional form of unitary representations of the quantum â€˜az + bâ€™ group. Reports on Mathematical Physics, 2003, 52, 309-319.	0.8	2
32	Integrable actions and quantum subgroups. International Mathematics Research Notices, 2017, , rnw317.	1.0	2
33	When is a quantum space not a group?. Banach Center Publications, 0, 91, 353-364.	0.1	2
34	PodleÅ› spheres for the braided quantum SU(2). Linear Algebra and Its Applications, 2020, 591, 169-204.	0.9	1
35	Introduction to compact and discrete quantum groups. Banach Center Publications, 0, 111, 9-31.	0.1	1
36	A remark on the spectrum of the analytic generator. Reports on Mathematical Physics, 2001, 48, 407-414.	0.8	0

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37	Kawada-Itô-Kelley theorem for quantum semigroups. Journal of Mathematical Analysis and Applications, 2020, 483, 123594.	1.0	0
38	Center of the algebra of functions on the quantum group (mathrm{SU}_q(2)) and related topics. Annales Societatis Mathematicae Polonae Seria 1, Commentationes Mathematicae, 2016, 56, .	0.1	0