Mansoor Kh Saburov

List of Publications by Year
in descending order

55 papers	580 citations	567281 15 h-index	713466 21 g-index
56 all docs	56 docs citations	56 times ranked	61 citing authors

#	Article	IF	Citations
1	ON QUANTUM MARKOV CHAINS ON CAYLEY TREE I: UNIQUENESS OF THE ASSOCIATED CHAIN WITH XY-MODEL ON THE CAYLEY TREE OF ORDER TWO. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2011, 14, 443-463.	0.5	28
2	On Quantum Markov Chains on Cayley Tree II: Phase Transitions for the Associated Chain with XY-Model on the Cayley Tree of Order Three. Annales Henri Poincare, 2011, 12, 1109.	1.7	27
3	On equation <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>x</mml:mi></mml:mrow><mml:mrow><mml:mi>q</mml:mi></mml:mrow></mml:msup></mml:math> xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="double-struck">O</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:msub></mml:math> Journal of Number Theory, 2013, 133, 55-58.	0.4	27
4	On cubic equations over p-adic fields. International Journal of Number Theory, 2014, 10, 1171-1190.	0.5	26
5	Reaching a nonlinear consensus: Polynomial stochastic operators. International Journal of Control, Automation and Systems, 2014, 12, 1276-1282.	2.7	24
6	On divergence of any order CesÃro mean of Lotka--Volterra operators. Annals of Functional Analysis, 2015, 6, 247-254.	0.8	24
7	Ergodicity of nonlinear Markov operators on the finite dimensional space. Nonlinear Analysis: Theory, Methods & Applications, 2016, 143, 105-119.	1.1	24
8	Mathematical models of nonlinear uniform consensus. ScienceAsia, 2014, 40, 306.	0.5	23
9	On<i>p</i>-adic Isingâ€"Vannimenus model on an arbitrary order Cayley tree. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05032.	2.3	22
10	Mendelian and Non-Mendelian Quadratic Operators. Applied Mathematics and Information Sciences, 2013, 7, 1721-1729.	0.5	20
11	Counterexamples to the conjecture on stationary probability vectors of the second-order Markov chains. Linear Algebra and Its Applications, 2016, 507, 153-157.	0.9	19
12	Reaching a consensus: a discrete nonlinear time-varying case. International Journal of Systems Science, 2016, 47, 2449-2457.	5.5	18
13	On Quantum Markov Chains on Cayley Tree III: Ising Model. Journal of Statistical Physics, 2014, 157, 303-329.	1.2	17
14	Stability and Monotonicity of Lotkaâ€"Volterra Type Operators. Qualitative Theory of Dynamical Systems, 2017, 16, 249-267.	1.7	17
15	The discreteâ€time Kolmogorov systems with historic behavior. Mathematical Methods in the Applied Sciences, 2021, 44, 813-819.	2.3	17
16	Solvability of cubic equations in p-ADIC integers (p > 3). Siberian Mathematical Journal, 2013, 54, 501-516.	0.6	16
17	On Descriptions of All Translation Invariant pâˆ'adic Gibbs Measures for the Potts Model on The Cayley Tree of Order Three. Mathematical Physics Analysis and Geometry, 2015, 18, 1.	1.0	13
18	On Regularity of Diagonally Positive Quadratic Doubly Stochastic Operators. Results in Mathematics, 2017, 72, 1907-1918.	0.8	13

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19	Uniformly historic behaviour in compact dynamical systems. Journal of Difference Equations and Applications, 2021, 27, 1006-1023.	1.1	13
20	On<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msup><mml:mi>¾</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (stretchy="false">)</mml:mo Stochastic Operators on Two-Dimensional Simplex and Their Behavior. Abstract and Applied Analysis, 2013, 2013, 1-12.	0.7	12
21	Dichotomy of Iterated Means for Nonlinear Operators. Functional Analysis and Its Applications, 2018, 52, 74-76.	0.4	12
22	Ergodicity of pâˇmajorizing nonlinear Markov operators on the finite dimensional space. Linear Algebra and Its Applications, 2019, 578, 53-74.	0.9	12
23	Periodic p-adic Gibbs Measures of q-State Potts Model on Cayley Trees I: The Chaos Implies the Vastness of the Set of p-Adic Gibbs Measures. Journal of Statistical Physics, 2018, 171, 1000-1034.	1.2	11
24	Quadratic equations over p-adic fields and their applications in statistical mechanics. ScienceAsia, 2015, 41, 209.	0.5	11
25	" The structure of the fixed point set of quadratic operators on the simplex". Fixed Point Theory, 2018, 19, 383-396.	0.7	11
26	Strong convergence of an explicit iteration process for a totally asymptotically <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>I</mml:mi></mml:math>-nonexpansive mapping in Banach spaces. Applied Mathematics Letters, 2010, 23, 1473-1478.	2.7	10
27	Mutation and Chaos in Nonlinear Models of Heredity. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	9
28	Mathematical Models of Nonlinear Uniform Consensus II. Journal of Applied Nonlinear Dynamics, 2018, 7, 95-104.	0.3	9
29	ON DYNAMICS OF Î¾S QUADRATIC STOCHASTIC OPERATORS. International Journal of Modern Physics Conference Series, 2012, 09, 299-307.	0.7	8
30	Solvability of Cubic Equations over Q3. Sains Malaysiana, 2015, 44, 635-641.	0.5	8
31	The Number of Solutions of Cubic Equations over Q3. Sains Malaysiana, 2015, 44, 765-769.	0.5	8
32	Iterated Means Dichotomy for Discrete Dynamical Systems. Qualitative Theory of Dynamical Systems, 2020, 19, 1.	1.7	7
33	Solvability criteria for cubic equations over Z2*. AIP Conference Proceedings, 2014, , .	0.4	6
34	On Discrete-Time Replicator Equations with Nonlinear Payoff Functions. Dynamic Games and Applications, 2022, 12, 643-661.	1.9	5
35	Reaching Consensus via Polynomial Stochastic Operators: A General Study. Springer Proceedings in Mathematics and Statistics, 2017, , 219-230.	0.2	5
36	Weak and Strong Convergence of an Implicit Iteration Process for an Asymptotically Quasi-I-Nonexpansive Mapping in Banach Space. Fixed Point Theory and Applications, 2010, 2010, 1-14.	1.1	4

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37	Schur monotone decreasing sequences. , 2013, , .		4
38	Quadratic Stochastic Sarymsakov Operators. Journal of Physics: Conference Series, 2016, 697, 012015.	0.4	4
39	On Quadratic Stochastic Operators Having Three Fixed Points. Journal of Physics: Conference Series, 2016, 697, 012012.	0.4	4
40	Elliptic Quadratic Operator Equations. Acta Applicandae Mathematicae, 2019, 159, 29-74.	1.0	4
41	The study on general cubic equations over p-adic fields. Filomat, 2021, 35, 1115-1131.	0.5	4
42	Phase transitions for XY-model on the Cayley tree of order three in quantum Markov chain scheme. Comptes Rendus Mathematique, 2011, 349, 425-428.	0.3	3
43	On Unification of the Strong Convergence Theorems for a Finite Family of Total Asymptotically Nonexpansive Mappings in Banach Spaces. Journal of Applied Mathematics, 2012, 2012, 1-21.	0.9	2
44	Quadratic Plus Linear Operators which Preserve Pure States of Quantum Systems: Small Dimensions. Journal of Physics: Conference Series, 2014, 553, 012003.	0.4	2
45	Local Descriptions of Roots of Cubic Equations over P-adic Fields. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 41, 965.	0.9	2
46	On Square Root Function over $\mathbb{Z}_p$ and its Application. Journal of Physics: Conference Series, 2017, 819, 012028.	0.4	2
47	The Dynamics of The Potts-Bethe Mapping over $\mathbb{Q}_p$: The Case $p \equiv 2 \pmod 3$. Journal of Physics: Conference Series, 2017, 819, 012017.	0.4	2
48	Reaching Nonlinear Consensus via Non-Autonomous Polynomial Stochastic Operators. Journal of Physics: Conference Series, 2017, 819, 012009.	0.4	2
49	WEAK CONVERGENCE OF AN IMPLICIT ITERATIVE PROCESS WITH ERRORS FOR AN ASYMPTOTICALLY QUASI I-NONEXPANSIVE MAPPING IN BANACH SPACES. Asian-European Journal of Mathematics, 2011, 04, 309-319.	0.5	1
50	Classification of $\xi^{(s)}$-Quadratic Stochastic Operators on 2D simplex. Journal of Physics: Conference Series, 2013, 435, 012003.	0.4	1
51	Dynamics of Double Stochastic Operators. Journal of Physics: Conference Series, 2016, 697, 012014.	0.4	1
52	Ergodicity of non-homogeneous $$\mathbf{p}$$-majorizing quadratic stochastic operators. Positivity, 2020, 24, 1191-1209.	0.7	1
53	The Ganikhodjaev Model of ABO Blood Groups. Journal of Physics: Conference Series, 2017, 819, 012008.	0.4	0
54	Dynamics of Potts–Bethe mapping of degree four on $\mathbb{Q}_5$. AIP Conference Proceedings, 2019, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	On the solvability of general cubic equations over $\mathbb{Z}_p^*$. ScienceAsia, 2017, 43S, 1.	0.5	0