

Pavel B Zatitskiy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8622128/publications.pdf>

Version: 2024-02-01

31
papers

203
citations

1040056

9
h-index

1125743

13
g-index

34
all docs

34
docs citations

34
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Bellman function for extremal problems in BMO. Transactions of the American Mathematical Society, 2015, 368, 3415-3468.	0.9	20
2	On Bellman function for extremal problems in BMO. Comptes Rendus Mathematique, 2012, 350, 561-564.	0.3	17
3	Correction of metrics. Journal of Mathematical Sciences, 2012, 181, 867-870.	0.4	14
4	Geometry and dynamics of admissible metrics in measure spaces. Open Mathematics, 2013, 11, .	1.0	14
5	Theory of locally concave functions and its applications to sharp estimates of integral functionals. Advances in Mathematics, 2016, 291, 228-273.	1.1	13
6	Bellman VS. Beurling: sharp estimates of uniform convexity for L^p spaces. St Petersburg Mathematical Journal, 2016, 27, 333-343.	0.4	13
7	The Tamarkin equiconvergence theorem and a first-order trace formula for regular differential operators revisited. Journal of Spectral Theory, 2014, 4, 365-389.	0.8	12
8	Weak integral conditions for BMO. Proceedings of the American Mathematical Society, 2015, 143, 2913-2926.	0.8	12
9	Virtual continuity of measurable functions of several variables and embedding theorems. Functional Analysis and Its Applications, 2013, 47, 165-173.	0.4	11
10	Virtual continuity of measurable functions and its applications. Russian Mathematical Surveys, 2014, 69, 1031-1063.	0.6	9
11	Scaling Entropy Sequence: Invariance and Examples. Journal of Mathematical Sciences, 2015, 209, 890-909.	0.4	7
12	Sharp estimates of integral functionals on classes of functions with small mean oscillation. Comptes Rendus Mathematique, 2015, 353, 1081-1085.	0.3	7
13	On a scaling entropy sequence of a dynamical system. Functional Analysis and Its Applications, 2014, 48, 291-294.	0.4	6
14	On the Subadditivity of a Scaling Entropy Sequence. Journal of Mathematical Sciences, 2016, 215, 734-737.	0.4	6
15	Universal adic approximation, invariant measures and scaled entropy. Izvestiya Mathematics, 2017, 81, 734-770.	0.6	4
16	Combinatorial Invariants of Metric Filtrations and Automorphisms; the Universal Adic Graph. Functional Analysis and Its Applications, 2018, 52, 258-269.	0.4	4
17	Shape evolution of cometary nuclei via anisotropic mass loss. Astronomy and Astrophysics, 2019, 622, L5.	5.1	4
18	On the coincidence of the canonical embeddings of a metric space into a Banach space. Journal of Mathematical Sciences, 2009, 158, 853-857.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Sharpening Hölder's inequality. Journal of Functional Analysis, 2018, 275, 1280-1319.	1.4	2
20	Bellman Function for Extremal Problems in BMO II: Evolution. Memoirs of the American Mathematical Society, 2018, 255, 0-0.	0.9	2
21	Monotonic rearrangements of functions with small mean oscillation. Studia Mathematica, 0, , 1-11.	0.7	2
22	Integration of virtually continuous functions over bistochastic measures and the trace formula for nuclear operators. St Petersburg Mathematical Journal, 2016, 27, 393-398.	0.4	1
23	Distribution of martingales with bounded square functions. Comptes Rendus Mathematique, 2019, 357, 671-675.	0.3	1
24	Sharp multiplicative inequalities with BMO I. Journal of Mathematical Analysis and Applications, 2020, 492, 124479.	1.0	1
25	Sharp transference principle for BMO and A. Journal of Functional Analysis, 2021, 281, 109085.	1.4	1
26	Sharp moment estimates for martingales with uniformly bounded square functions. Mathematische Zeitschrift, 0, , .	0.9	1
27	ON EMBEDDINGS OF FINITE METRIC SPACES IN. Mathematika, 2010, 56, 135-139.	0.5	0
28	Canonical embeddings of compact metric spaces. Journal of Mathematical Sciences, 2011, 174, 19-22.	0.4	0
29	Formula of regularized traces. Doklady Mathematics, 2012, 85, 29-32.	0.6	0
30	Forms of higher degree over certain fields. Journal of Mathematical Sciences, 2013, 188, 591-595.	0.4	0
31	Sharp multiplicative inequalities with BMO II. Journal of Mathematical Analysis and Applications, 2022, 515, 126430.	1.0	0