

Peter HÃ¸stÃ¸

List of Publications by Year in descending order

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papers

2,614
citations

361045

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41
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41
docs citations

41
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	Regularity Theory for Non-autonomous Partial Differential Equations Without Uhlenbeck Structure. Archive for Rational Mechanics and Analysis, 2022, 245, 1401-1436.	1.1	12
2	Characterization of generalized Orlicz spaces. Communications in Contemporary Mathematics, 2020, 22, 1850079.	0.6	7
3	Boundary Regularity under Generalized Growth Conditions. Zeitschrift Fur Analysis Und Ihre Anwendung, 2019, 38, 73-96.	0.8	26
4	Local higher integrability of the gradient of a quasiminimizer under generalized Orlicz growth conditions. Nonlinear Analysis: Theory, Methods & Applications, 2018, 177, 543-552.	0.6	29
5	Homogeneous variable exponent Besov and Triebel-Lizorkin spaces. Mathematische Nachrichten, 2018, 291, 1177-1190.	0.4	5
6	Capacities in Generalized Orlicz Spaces. Journal of Function Spaces, 2018, 2018, 1-10.	0.4	8
7	Extrapolation and interpolation in generalized Orlicz spaces. Transactions of the American Mathematical Society, 2018, 370, 4323-4349.	0.5	38
8	Uniform convexity and associate spaces. , 2018, 68, 1011-1020.		6
9	Characterization of the variable exponent Sobolev norm without derivatives. Communications in Contemporary Mathematics, 2017, 19, 1650022.	0.6	6
10	Hölder regularity of quasiminimizers under generalized growth conditions. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	0.9	87
11	The Riesz potential in generalized Orlicz spaces. Forum Mathematicum, 2017, 29, 229-244.	0.3	24
12	Generalized Orlicz spaces and related PDE. Nonlinear Analysis: Theory, Methods & Applications, 2016, 143, 155-173.	0.6	72
13	Solution of Two Conjectures of Klén, Lindqvist, Vuorinen and Wang. Computational Methods and Function Theory, 2016, 16, 283-286.	0.8	0
14	Maximal Operator in Variable Exponent Lebesgue Spaces on Unbounded Quasimetric Measure Spaces. Mathematica Scandinavica, 2015, 116, 5.	0.1	36
15	Interpolation in variable exponent spaces. Revista Matematica Complutense, 2014, 27, 657-676.	0.7	11
16	Gromov hyperbolicity of Denjoy domains with hyperbolic and quasihyperbolic metrics. Journal of the Mathematical Society of Japan, 2012, 64, .	0.3	16
17	Gromov hyperbolicity of Denjoy domains through fundamental domains. Publicationes Mathematicae, 2012, 80, 295-310.	0.1	1
18	Lebesgue and Sobolev Spaces with Variable Exponents. Lecture Notes in Mathematics, 2011, , .	0.1	1,232

#	ARTICLE	IF	CITATIONS
19	The maximal operator on weighted variable Lebesgue spaces. <i>Fractional Calculus and Applied Analysis</i> , 2011, 14, 361-374.	1.2	87
20	Uniformly Separated Sets and Gromov Hyperbolicity of Domains with the Quasihyperbolic Metric. <i>Mediterranean Journal of Mathematics</i> , 2011, 8, 49-67.	0.4	13
21	Iterated maximal functions in variable exponent Lebesgue spaces. <i>Manuscripta Mathematica</i> , 2011, 135, 381-399.	0.3	3
22	Harnack's inequality and the strong p -Harnack inequality for p -quasihyperbolic metrics. <i>Journal of Functional Analysis</i> , 2010, 258, 1631-1649.	0.7	151
23	Besov spaces with variable smoothness and integrability. <i>Journal of Functional Analysis</i> , 2010, 258, 1628-1655.	0.7	151
24	Overview of differential equations with non-standard growth. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010, 72, 4551-4574.	0.6	260
25	Packing sets of patterns. <i>European Journal of Combinatorics</i> , 2010, 31, 241-253.	0.5	5
26	SOBOLEV INEQUALITIES FOR ORLICZ SPACES OF TWO VARIABLE EXPONENTS. <i>Glasgow Mathematical Journal</i> , 2010, 52, 227-240.	0.2	16
27	Gromov hyperbolic equivalence of the hyperbolic and quasihyperbolic metrics in Denjoy domains. <i>Bulletin of the London Mathematical Society</i> , 2010, 42, 282-294.	0.4	23
28	Comparative Gromov hyperbolicity results for the hyperbolic and quasihyperbolic metrics. <i>Complex Variables and Elliptic Equations</i> , 2010, 55, 127-135.	0.4	7
29	Starlikeness of the Gaussian hypergeometric functions. <i>Complex Variables and Elliptic Equations</i> , 2010, 55, 173-184.	0.4	19
30	Harnack's inequality for p -quasihyperbolic metrics. <i>Journal of Functional Analysis</i> , 2009, 252, 1631-1649.	0.4	19
31	Minimizers of the variable exponent, non-uniformly convex Dirichlet energy. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2008, 89, 174-197.	0.8	75
32	On the density of continuous functions in variable exponent Sobolev space. <i>Revista Matematica Iberoamericana</i> , 2007, 23, 213-234.	0.4	11
33	Isometries of the quasihyperbolic metric. <i>Pacific Journal of Mathematics</i> , 2007, 230, 315-326.	0.2	9
34	Variable exponent trace spaces. <i>Studia Mathematica</i> , 2007, 183, 127-141.	0.4	24
35	Variable exponent Sobolev spaces on metric measure spaces. <i>Functiones Et Approximatio, Commentarii Mathematici</i> , 2006, 36, 79.	0.1	29
36	Some inequalities related to the analysis of electricity auctions. <i>Applied Mathematics Letters</i> , 2006, 19, 814-819.	1.5	13

#	ARTICLE	IF	CITATIONS
37	Statistical manifold as an affine space: A functional equation approach. Journal of Mathematical Psychology, 2006, 50, 60-65.	1.0	17
38	The Dirichlet Energy Integral and Variable Exponent Sobolev Spaces with Zero Boundary Values. Potential Analysis, 2006, 25, 205-222.	0.4	111
39	Sobolev embeddings in metric measure spaces with variable dimension. Mathematische Zeitschrift, 2006, 254, 591-609.	0.4	44
40	The Dirichlet Energy Integral on Intervals in Variable Exponent Sobolev Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2003, 22, 911-923.	0.8	10