

Petteri Harjulehto

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,384
citations

516215

16
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Lebesgue and Sobolev Spaces with Variable Exponents. Lecture Notes in Mathematics, 2011, , .	0.1	1,232
2	Overview of differential equations with non-standard growth. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 4551-4574.	0.6	260
3	Orlicz Spaces and Generalized Orlicz Spaces. Lecture Notes in Mathematics, 2019, , .	0.1	175
4	The Dirichlet Energy Integral and Variable Exponent Sobolev Spaces with Zero Boundary Values. Potential Analysis, 2006, 25, 205-222.	0.4	111
5	Hölder regularity of quasiminimizers under generalized growth conditions. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	0.9	87
6	Generalized Orlicz spaces and related PDE. Nonlinear Analysis: Theory, Methods & Applications, 2016, 143, 155-173.	0.6	72
7	A new class of double phase variable exponent problems: Existence and uniqueness. Journal of Differential Equations, 2022, 323, 182-228.	1.1	69
8	Sobolev embeddings in metric measure spaces with variable dimension. Mathematische Zeitschrift, 2006, 254, 591-609.	0.4	44
9	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
10	Unbounded Supersolutions of Nonlinear Equations with Nonstandard Growth. Boundary Value Problems, 2007, 2007, 1-20.	0.3	28
11	Harnack's inequality for quasiminimizers with nonstandard growth conditions. Journal of Mathematical Analysis and Applications, 2008, 344, 504-520.	0.5	27
12	Boundary Regularity under Generalized Growth Conditions. Zeitschrift Fur Analysis Und Ihre Anwendung, 2019, 38, 73-96.	0.8	26
13	Harnack's inequality for p -quasiminimizers with nonstandard growth conditions. Journal of Mathematical Analysis and Applications, 2009, 352, 345-359.	0.5	25
14	The Riesz potential in generalized Orlicz spaces. Forum Mathematicum, 2017, 29, 229-244.	0.3	24
15	Global regularity and stability of solutions to obstacle problems with nonstandard growth. Revista Matematica Complutense, 2013, 26, 147-181.	0.7	22
16	The weak Harnack inequality for unbounded supersolutions of equations with generalized Orlicz growth. Journal of Differential Equations, 2021, 275, 790-814.	1.1	19
17	Double phase image restoration. Journal of Mathematical Analysis and Applications, 2021, 501, 123832.	0.5	17
18	Global regularity and stability of solutions to elliptic equations with nonstandard growth. Complex Variables and Elliptic Equations, 2011, 56, 599-622.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Capacities in Generalized Orlicz Spaces. <i>Journal of Function Spaces</i> , 2018, 2018, 1-10.	0.4	8
20	On the $(1,p)$ -Poincaré inequality. <i>Illinois Journal of Mathematics</i> , 2012, 56, .	0.1	7
21	A variant of the Geman-McClure model for image restoration. <i>Journal of Mathematical Analysis and Applications</i> , 2013, 399, 676-681.	0.5	6
22	VARIABLE EXPONENT SPACES ON METRIC MEASURE SPACES. , 2009, , .		6
23	An Embedding into an Orlicz Space for Irregular John Domains. <i>Computational Methods and Function Theory</i> , 2014, 14, 257-277.	0.8	5
24	Special Cases. <i>Lecture Notes in Mathematics</i> , 2019, , 145-157.	0.1	5
25	Embeddings into Orlicz Spaces for Functions from Unbounded Irregular Domains. <i>Complex Analysis and Operator Theory</i> , 2019, 13, 2967-2992.	0.3	4
26	Iterated maximal functions in variable exponent Lebesgue spaces. <i>Manuscripta Mathematica</i> , 2011, 135, 381-399.	0.3	3
27	Pointwise estimates to the modified Riesz potential. <i>Manuscripta Mathematica</i> , 2018, 156, 521-543.	0.3	2
28	The Kellogg property under generalized growth conditions. <i>Mathematische Nachrichten</i> , 2022, 295, 345-362.	0.4	1