

Marta Lewicka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9873151/publications.pdf>

Version: 2024-02-01

19
papers

345
citations

840728

11
h-index

940516

16
g-index

19
all docs

19
docs citations

19
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimension reduction for thin films prestrained by shallow curvature. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, .	2.1	0
2	Random walks and random tug of war in the Heisenberg group. Mathematische Annalen, 2020, 377, 797-846.	1.4	12
3	Which domains have two-sided supporting unit spheres at every boundary point?. , 2020, 38, 548-558.		3
4	Dimension Reduction for Thin Films with Transversally Varying Prestrain: Oscillatory and Nonoscillatory Cases. Communications on Pure and Applied Mathematics, 2020, 73, 1880-1932.	3.1	10
5	Quantitative Immersability of Riemann Metrics and the Infinite Hierarchy of Prestrained Shell Models. Archive for Rational Mechanics and Analysis, 2020, 236, 1677-1707.	2.4	8
6	A Model of Controlled Growth. Archive for Rational Mechanics and Analysis, 2018, 227, 1223-1266.	2.4	5
7	The obstacle problem for the p-laplacian via optimal stopping of tug-of-war games. Probability Theory and Related Fields, 2017, 167, 349-378.	1.8	20
8	Convex integration for the Monge-Ampère equation in two dimensions. Analysis and PDE, 2017, 10, 695-727.	1.4	19
9	Plates with incompatible prestrain of high order. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2017, 34, 1883-1912.	1.4	22
10	Plates with Incompatible Prestrain. Archive for Rational Mechanics and Analysis, 2016, 221, 143-181.	2.4	39
11	A Local and Global Well-Posedness Results for the General Stress-Assisted Diffusion Systems. Journal of Elasticity, 2016, 123, 19-41.	1.9	6
12	Game theoretical methods in PDEs. Bolletino Dell Unione Matematica Italiana, 2014, 7, 211-216.	1.0	14
13	Models for elastic shells with incompatible strains. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130604.	2.1	28
14	The Föppl-von Kármán equations for plates with incompatible strains. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 402-426.	2.1	77
15	Existence and Stability of Viscoelastic Shock Profiles. Archive for Rational Mechanics and Analysis, 2011, 200, 491-532.	2.4	14
16	The Matching Property of Infinitesimal Isometries on Elliptic Surfaces and Elasticity of Thin Shells. Archive for Rational Mechanics and Analysis, 2011, 200, 1023-1050.	2.4	41
17	On the Existence of Traveling Waves in the 3D Boussinesq System. Communications in Mathematical Physics, 2009, 292, 417-429.	2.2	12
18	A nonlinear theory for shells with slowly varying thickness. Comptes Rendus Mathematique, 2009, 347, 211-216.	0.3	15

#	ARTICLE	IF	CITATIONS
19	SPECTRAL STABILITY CONDITIONS FOR SHOCK WAVE PATTERNS. Journal of Hyperbolic Differential Equations, 2007, 04, 181-196.	0.5	0