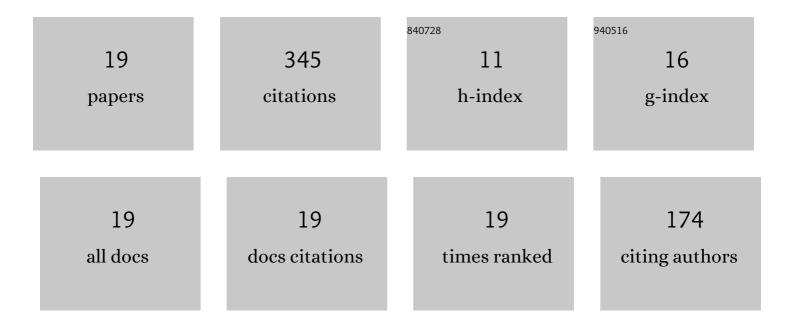
Marta Lewicka

List of Publications by Year in descending order

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MADTA LEWICKA

| # | 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 Clobal 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 |