

Caterina Ida Zeppieri

List of Publications by Year in descending order

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12
papers

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1478505

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times ranked

43
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A global method for deterministic and stochastic homogenisation in BV. <i>Annals of PDE</i> , 2022, 8, 8. | 1.8 | 2 |
| 2 | Phase-Field Approximation of Functionals Defined on Piecewise-Rigid Maps. <i>Journal of Nonlinear Science</i> , 2021, 31, 1. | 2.1 | 1 |
| 3 | Quantitative analysis of finite-difference approximations of free-discontinuity problems. <i>Interfaces and Free Boundaries</i> , 2020, 22, 317-381. | 0.8 | 9 |
| 4 | Homogenisation of high-contrast brittle materials. <i>Mathematics in Engineering</i> , 2020, 2, 174-202. | 0.9 | 3 |
| 5 | $\tilde{\Gamma}$ -convergence of free-discontinuity problems. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2019, 36, 1035-1079. | 1.4 | 16 |
| 6 | Stochastic Homogenisation of Free-Discontinuity Problems. <i>Archive for Rational Mechanics and Analysis</i> , 2019, 233, 935-974. | 2.4 | 20 |
| 7 | Homogenization of High-contrast Mumford–Shah Energies. <i>SIAM Journal on Mathematical Analysis</i> , 2019, 51, 1696-1729. | 1.9 | 7 |
| 8 | A Bridging Mechanism in the Homogenization of Brittle Composites with Soft Inclusions. <i>SIAM Journal on Mathematical Analysis</i> , 2016, 48, 1178-1209. | 1.9 | 19 |
| 9 | Stochastic homogenisation of singularly perturbed integral functionals. <i>Annali Di Matematica Pura Ed Applicata</i> , 2016, 195, 2183-2208. | 1.0 | 3 |
| 10 | A simple sufficient condition for the quasiconvexity of elastic stored-energy functions in spaces which allow for cavitation. <i>Calculus of Variations and Partial Differential Equations</i> , 2016, 55, 1. | 1.7 | 0 |
| 11 | Homogenization of fiber reinforced brittle materials: the intermediate case. <i>Advances in Calculus of Variations</i> , 2010, 3, . | 1.2 | 2 |
| 12 | Multiscale analysis of a prototypical model for the interaction between microstructure and surface energy. <i>Interfaces and Free Boundaries</i> , 2009, 11, 61-118. | 0.8 | 15 |