

Michael Goldman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6952462/publications.pdf>

Version: 2024-02-01

21
papers

169
citations

1163117

8
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative estimates for bending energies and applications to non-local variational problems. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 131-169.	1.2	3
2	A Ginzburg–Landau model with topologically induced free discontinuities. Annales De L'Institut Fourier, 2020, 70, 2583-2675.	0.6	4
3	On the optimality of stripes in a variational model with non-local interactions. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	9
4	A gradient flow approach to relaxation rates for the multi-dimensional Cahn–Hilliard equation. Mathematische Annalen, 2019, 374, 2041-2081.	1.4	2
5	On minimizers of an isoperimetric problem with long-range interactions under a convexity constraint. Analysis and PDE, 2018, 11, 1113-1142.	1.4	7
6	Phase Segregation for Binary Mixtures of Bose–Einstein Condensates. SIAM Journal on Mathematical Analysis, 2017, 49, 1947-1981.	1.9	9
7	Equilibrium shapes of charged droplets and related problems: (mostly) a review. Geometric Flows, 2017, 2, .	1.2	2
8	Nucleation barriers at corners for a cubic-to-tetragonal phase transformation. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2015, 145, 715-724.	1.2	13
9	New Bounds for the Inhomogenous Burgers and the Kuramoto-Sivashinsky Equations. Communications in Partial Differential Equations, 2015, 40, 2237-2265.	2.2	17
10	Fine properties of the subdifferential for a class of one-homogeneous functionals. Advances in Calculus of Variations, 2015, 8, 31-42.	1.2	7
11	Sharp interface limit for two components Bose–Einstein condensates. ESAIM - Control, Optimisation and Calculus of Variations, 2015, 21, 603-624.	1.3	9
12	Study of Island Formation in Epitaxially Strained Films on Unbounded Domains. Archive for Rational Mechanics and Analysis, 2015, 218, 163-217.	2.4	12
13	Existence and Stability for a Non-Local Isoperimetric Model of Charged Liquid Drops. Archive for Rational Mechanics and Analysis, 2015, 217, 1-36.	2.4	23
14	The Γ -limit for singularly perturbed functionals of Perona–Malik type in arbitrary dimension. Mathematical Models and Methods in Applied Sciences, 2014, 24, 1091-1113.	3.3	6
15	Scaling Law and Reduced Models for Epitaxially Strained Crystalline Films. SIAM Journal on Mathematical Analysis, 2014, 46, 1-24.	1.9	14
16	Plane-Like Minimizers and Differentiability of the Stable Norm. Journal of Geometric Analysis, 2014, 24, 1447-1489.	1.0	7
17	Representation, relaxation and convexity for variational problems in Wiener spaces. Journal Des Mathematiques Pures Et Appliquees, 2013, 99, 419-435.	1.6	3
18	A Geometric Approach for Convexity in Some Variational Problem in the Gauss Space. Rendiconti Del Seminario Matematico Dell 'Universita' Di Padova/Mathematical Journal of the University of Padova, 2013, 129, 79-91.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Volume-constrained minimizers for the prescribed curvature problem in periodic media. <i>Calculus of Variations and Partial Differential Equations</i> , 2012, 44, 297-318.	1.7	13
20	A branched transport limit of the Ginzburg-Landau functional. <i>Journal De L'Ecole Polytechnique - Mathematiques</i> , 0, 5, 317-375.	0.0	5
21	Existence and stability results for an isoperimetric problem with a non-local interaction of Wasserstein type. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 0, , .	1.3	3