

Michael Goldman

List of Publications by Year in descending order

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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	Existence and Stability for a Non-Local Isoperimetric Model of Charged Liquid Drops. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 217, 1-36.	2.4	23
2	New Bounds for the Inhomogenous Burgers and the Kuramoto-Sivashinsky Equations. <i>Communications in Partial Differential Equations</i> , 2015, 40, 2237-2265.	2.2	17
3	Scaling Law and Reduced Models for Epitaxially Strained Crystalline Films. <i>SIAM Journal on Mathematical Analysis</i> , 2014, 46, 1-24.	1.9	14
4	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
5	Nucleation barriers at corners for a cubic-to-tetragonal phase transformation. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2015, 145, 715-724.	1.2	13
6	Study of Island Formation in Epitaxially Strained Films on Unbounded Domains. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 218, 163-217.	2.4	12
7	Sharp interface limit for two components Bose-Einstein condensates. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2015, 21, 603-624.	1.3	9
8	Phase Segregation for Binary Mixtures of Bose-Einstein Condensates. <i>SIAM Journal on Mathematical Analysis</i> , 2017, 49, 1947-1981.	1.9	9
9	On the optimality of stripes in a variational model with non-local interactions. <i>Calculus of Variations and Partial Differential Equations</i> , 2019, 58, 1.	1.7	9
10	Plane-Like Minimizers and Differentiability of the Stable Norm. <i>Journal of Geometric Analysis</i> , 2014, 24, 1447-1489.	1.0	7
11	Fine properties of the subdifferential for a class of one-homogeneous functionals. <i>Advances in Calculus of Variations</i> , 2015, 8, 31-42.	1.2	7
12	On minimizers of an isoperimetric problem with long-range interactions under a convexity constraint. <i>Analysis and PDE</i> , 2018, 11, 1113-1142.	1.4	7
13	The Γ -limit for singularly perturbed functionals of Perona-Malik type in arbitrary dimension. <i>Mathematical Models and Methods in Applied Sciences</i> , 2014, 24, 1091-1113.	3.3	6
14	A branched transport limit of the Ginzburg-Landau functional. <i>Journal De L'Ecole Polytechnique - Mathematiques</i> , 0, 5, 317-375.	0.0	5
15	A Ginzburg-Landau model with topologically induced free discontinuities. <i>Annales De L'Institut Fourier</i> , 2020, 70, 2583-2675.	0.6	4
16	Representation, relaxation and convexity for variational problems in Wiener spaces. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2013, 99, 419-435.	1.6	3
17	Quantitative estimates for bending energies and applications to non-local variational problems. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020, 150, 131-169.	1.2	3
18	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

#	ARTICLE	IF	CITATIONS
19	Equilibrium shapes of charged droplets and related problems: (mostly) a review. Geometric Flows, 2017, 2, .	1.2	2
20	A gradient flow approach to relaxation rates for the multi-dimensional Cahn-Hilliard equation. Mathematische Annalen, 2019, 374, 2041-2081.	1.4	2
21	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