Gershon Wolansky

List of Publications by Year
in descending order

19	249	1307594 7	1058476 14
papers	citations	h-index	g-index

19	19	19	138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fast Entropic Regularized Optimal Transport Using Semidiscrete Cost Approximation. SIAM Journal of Scientific Computing, 2018, 40, A3400-A3422.	2.8	5
2	On optimal partitions, individual values and cooperative games: Does a wiser agent always produce a higher value?. Mathematics and Financial Economics, 2017, 11, 85-109.	1.7	0
3	Chemotactic systems in the presence of conflicts: A new functional inequality. Journal of Differential Equations, 2016, 261, 5119-5143.	2.2	3
4	On Semi-discrete Mongeâ€“Kantorovich and Generalized Partitions. Journal of Optimization Theory and Applications, 2015, 165, 359-384.	1.5	4
5	Sticky particles on the line under harmonic interactions. Reports on Mathematical Physics, 2010, 65, 189-202.	0.8	0
6	Combinatorial Ricci Curvature and Laplacians for Image Processing. , 2009, , .		14
7	Geometric Approach to Measure-Based Metric in Image Segmentation. Journal of Mathematical Imaging and Vision, 2009, 33, 360-378.	1.3	1
8	On Time Reversible Description of the Process of Coagulation and Fragmentation. Archive for Rational Mechanics and Analysis, 2009, 193, 57-115.	2.4	5
9	Spectral properties of SchrÃ¶dinger operators on radial N-dimensional infinite trees. Israel Journal of Mathematics, 2008, 165, 281-328.	0.8	0
10	A diffractive optical element for shaping arbitrary beams. Optical Review, 2008, 15, 140-142.	2.0	4
11	Dynamics of a system of sticking particles of finite size on the line. Nonlinearity, 2007, 20, 2175-2189.	1.4	7
12	Intensity control with a free-form lens. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 463.	1.5	64
13	Elliptic problems on networks with constrictions. Calculus of Variations and Partial Differential Equations, 2006, 26, 459-487.	1.7	4
14	The logarithmic HLS inequality for systems on compact manifolds. Journal of Functional Analysis, 2005, 227, 200-226.	1.4	21
15	A weighted least action principle for dispersive waves. Annals of Physics, 2005, 316, 271-284.	2.8	13
16	Rotation nombers for measure-valued circle maps. Journal D'Analyse Mathematique, 2005, 97, 169-201.	0.8	0
17	Multi-components chemotactic system in the absence of conflicts. European Journal of Applied Mathematics, 2002, 13, 641-661.	2.9	70
18	Static Solutions of the Vlasov-Einstein System. Archive for Rational Mechanics and Analysis, 2001, 156, 205-230.	2.4	22

#	Article	IF	Citations
19	Moserâ€“Trudinger type inequalities for systems in two dimensions. Comptes Rendus Mathematique, 2001, 333, 439-443.	0.5	12