

Lorenzo Zanelli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	GEOMETRIC APPROACH TO THE HAMILTON-JACOBI EQUATION AND GLOBAL PARAMETRICES FOR THE SCHRÖDINGER PROPAGATOR. <i>Reviews in Mathematical Physics</i> , 2011, 23, 969-1008.	1.7	8
2	On the Dynamics of WKB Wave Functions Whose Phase are Weak KAM Solutions of H-J Equation. <i>Journal of Fourier Analysis and Applications</i> , 2014, 20, 1291-1327.	1.0	8
3	Wigner measures supported on weak KAM tori. <i>Journal D'Analyse Mathématique</i> , 2014, 123, 107-137.	0.8	8
4	The Geometry of the Semiclassical Wave Front Set for Schrödinger Eigenfunctions on the Torus. <i>Mathematical Physics Analysis and Geometry</i> , 2017, 20, 1.	1.0	8
5	Schrödinger spectra and the effective Hamiltonian of weak KAM theory on the flat torus. <i>Journal of Mathematical Physics</i> , 2016, 57, 081507.	1.1	6
6	Mather Measures Associated with a Class of Bloch Wave Functions. <i>Annales Henri Poincaré</i> , 2012, 13, 1807-1839.	1.7	3
7	On the Optimal Transport of Semiclassical Measures. <i>Applied Mathematics and Optimization</i> , 2016, 74, 325-342.	1.6	2
8	Integral representations of the schrödinger propagator. <i>Reports on Mathematical Physics</i> , 2008, 62, 19-56.	0.8	1
9	A PDE Approach to Finite Time Indicators in Ergodic Theory. <i>Journal of Nonlinear Mathematical Physics</i> , 2009, 16, 195.	1.3	1
10	Global parametrices for the Schrödinger propagator and geometric approach to the Hamilton-Jacobi equation. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2011, 22, 17-28.	0.6	1
11	An Exact Version of the Egorov Theorem for Schrödinger Operators in $L^2(\mathbb{T})$. <i>Journal of Mathematical Physics</i> , 2010, 51, 043501.	1.0	1
12	Hamilton-Jacobi Homogenization and the Isospectral Problem. <i>Symmetry</i> , 2021, 13, 1196.	2.2	0
13	Schrödinger dynamics and optimal transport of measures. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2016, 15, 2150016.	0.5	0
14	Periodic Coherent States Decomposition and Quantum Dynamics on the Flat Torus. <i>Operator Theory: Advances and Applications</i> , 2021, 271, 647-657.	0.2	0
15	Mechanical properties variation and constitutive modelling of biomedical polymers after sterilization. <i>Acta of Bioengineering and Biomechanics</i> , 2017, 19, 3-9.	0.4	0