

Jean-Marie Barbaroux

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Resolvent Convergence to Dirac Operators on Planar Domains. <i>Annales Henri Poincare</i> , 2019, 20, 1877-1891.	1.7	11
2	Gevrey Smoothing for Weak Solutions of the Fully Nonlinear Homogeneous Boltzmann and Kac Equations Without Cutoff for Maxwellian Molecules. <i>Archive for Rational Mechanics and Analysis</i> , 2017, 225, 601-661.	2.4	15
3	Spectral Gaps in Graphene Antidot Lattices. <i>Integral Equations and Operator Theory</i> , 2017, 89, 631-646.	0.8	4
4	Strong smoothing for the non-cutoff homogeneous Boltzmann equation for Maxwellian molecules with Debye-Yukawa type interaction. <i>Kinetic and Related Models</i> , 2017, 10, 901-924.	0.9	5
5	Quantitative estimates on the binding energy for hydrogen in non-relativistic QED, II: The spin case. <i>Reviews in Mathematical Physics</i> , 2014, 26, 1450016.	1.7	1
6	Spectral Theory for a Mathematical Model of the Weak Interaction: The Decay of the Intermediate Vector Bosons W^\pm , II. <i>Annales Henri Poincare</i> , 2011, 12, 1539-1570.	1.7	5
7	Quantitative Estimates on the Binding Energy for Hydrogen in Non-Relativistic QED. <i>Annales Henri Poincare</i> , 2010, 11, 1487-1544.	1.7	14
8	Limiting absorption principle at low energies for a mathematical model of weak interaction: The decay of a boson. <i>Comptes Rendus Mathematique</i> , 2009, 347, 1087-1092.	0.3	4
9	On the ground state energy of the translation invariant Pauli-Fierz model. <i>Proceedings of the American Mathematical Society</i> , 2008, 136, 1057-1064.	0.8	8
10	Exponential spatial decay of spin-spin correlations in translation invariant quasifree states. <i>Journal of Mathematical Physics</i> , 2007, 48, 113302.	1.1	5
11	Out of Equilibrium Correlations in the XY Chain. <i>Letters in Mathematical Physics</i> , 2006, 77, 11-20.	1.1	32
12	Remarks on the Mittleman max-min variational method for the electron-positron field. <i>Journal of Physics A</i> , 2006, 39, 85-98.	1.6	6
13	On the Hartree-Fock Equations of the Electron-Positron Field. <i>Communications in Mathematical Physics</i> , 2005, 255, 131-159.	2.2	21
14	Some Connections between Dirac-Fock and Electron-Positron Hartree-Fock. <i>Annales Henri Poincare</i> , 2005, 6, 85-102.	1.7	9
15	Quantitative estimates on the enhanced binding for the Pauli-Fierz operator. <i>Journal of Mathematical Physics</i> , 2005, 46, 122103.	1.1	5
16	QUANTUM ELECTRODYNAMICS OF RELATIVISTIC BOUND STATES WITH CUTOFFS. <i>Journal of Hyperbolic Differential Equations</i> , 2004, 01, 271-314.	0.5	21
17	Binding Conditions for Atomic N-electron Systems in Non-Relativistic QED. <i>Annales Henri Poincare</i> , 2003, 4, 1101-1136.	1.7	19
18	Generalized fractal dimensions: equivalences and basic properties. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2001, 80, 977-1012.	1.6	46

#	ARTICLE	IF	CITATIONS
19	Fractal dimensions and the phenomenon of intermittency in quantum dynamics. Duke Mathematical Journal, 2001, 110, 161.	1.5	29
20	Nonlinear variation of diffusion exponents in quantum dynamics. Comptes Rendus Mathematique, 2000, 330, 409-414.	0.5	4
21	On the Stability of the Relativistic Electron-Positron Field. Communications in Mathematical Physics, 1999, 201, 445-460.	2.2	49