Jean V Bellissard

List of Publications by Year
in descending order

18 papers	607 citations	1040056 9 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	260 citing authors

#	Article	IF	Citations
1	K-theory of C*â€"Algebras in solid state physics. , 1986, , 99-156.		122
2	Spectral properties of a tight binding Hamiltonian with period doubling potential. Communications in Mathematical Physics, 1991, 135, 379-399.	2.2	122
3	Gap Labelling Theorems for SchrÃ¶dinger Operators. , 1992, , 538-630.		87
4	Spaces of Tilings, Finite Telescopic Approximations and Gap-Labeling. Communications in Mathematical Physics, 2006, 261, 1-41.	2.2	75
5	Correlation Estimates in the Anderson Model. Journal of Statistical Physics, 2007, 129, 649-662.	1.2	41
6	Tiling Groupoids and Bratteli Diagrams. Annales Henri Poincare, 2010, 11, 69-99.	1.7	30
7	SCATTERING THEORY FOR LATTICE OPERATORS IN DIMENSION d â‰¥ 3. Reviews in Mathematical Physics, 2012, 24, 1250020.	1.7	23
8	THE NONCOMMUTATIVE GEOMETRY OF APERIODIC SOLIDS. , 2003, , .		19
9	Spectral continuity for aperiodic quantum systems I. General theory. Journal of Functional Analysis, 2018, 275, 2917-2977.	1.4	18
10	A spectral sequence for theK-theory of tiling spaces. Ergodic Theory and Dynamical Systems, 2009, 29, 997-1031.	0.6	16
11	Continuity of the Spectrum of a Field of Self-Adjoint Operators. Annales Henri Poincare, 2016, 17, 3425-3442.	1.7	14
12	Mapping the currentâ€"current correlation function near a quantum critical point. Annals of Physics, 2016, 368, 1-15.	2.8	9
13	Dissipative Dynamics in Semiconductors at Low Temperature. Journal of Statistical Physics, 2012, 147, 448-486.	1.2	8
14	Random Matrix Theory and the Anderson Model. Journal of Statistical Physics, 2004, 116, 739-754.	1.2	6
15	Smoothness of Correlations in the Anderson Model at Strong Disorder. Annales Henri Poincare, 2007, 8, 1-26.	1.7	6
16	HÃ¶lder Continuity of the Spectra for Aperiodic Hamiltonians. Annales Henri Poincare, 2019, 20, 3603-3631.	1.7	5
17	Spectral continuity for aperiodic quantum systems: Applications of a folklore theorem. Journal of Mathematical Physics, 2020, 61, .	1.1	4
18	The Gap Labelling Theorem: the case of Automatic Sequences. , 1993, , 179-181.		1