

Jean Bellissard

List of Publications by Year in descending order

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16
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1040056

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1125743

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docs citations

16
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	K-theory of C^* -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 ONE DIMENSIONAL DISCRETE SCHRÖDINGER OPERATORS. Reviews in Mathematical Physics, 1992, 04, 1-37.	1.7	95
4	Gap Labelling Theorems for Schrödinger Operators. , 1992, , 538-630.		87
5	Spaces of Tilings, Finite Telescopic Approximations and Gap-Labeling. Communications in Mathematical Physics, 2006, 261, 1-41.	2.2	75
6	Noncommutative Riemannian geometry and diffusion on ultrametric Cantor sets. Journal of Noncommutative Geometry, 2009, 3, 447-480.	0.5	34
7	Tiling Groupoids and Bratteli Diagrams. Annales Henri Poincare, 2010, 11, 69-99.	1.7	30
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	Gap-labelling for three-dimensional aperiodic solids. Comptes Rendus Mathematique, 2001, 332, 521-525.	0.5	17
11	A spectral sequence for the K-theory of tiling spaces. Ergodic Theory and Dynamical Systems, 2009, 29, 997-1031.	0.6	16
12	Continuity of the Spectrum of a Field of Self-Adjoint Operators. Annales Henri Poincare, 2016, 17, 3425-3442.	1.7	14
13	K-théorie des quasi-cristaux, image par la trace : le cas du réseau octogonal. Comptes Rendus Mathematique, 1998, 326, 197-200.	0.5	9
14	Discrete Schrödinger Operators with Potentials Generated by Substitutions. Mathematics in Science and Engineering, 1993, 192, 13-23.	0.1	6
15	Spectrum and diffusion for a class of tight-binding models on hypercubes. Journal of Physics A, 1999, 32, 2361-2367.	1.6	5
16	Spectral continuity for aperiodic quantum systems: Applications of a folklore theorem. Journal of Mathematical Physics, 2020, 61, .	1.1	4