# Radu Purice

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10782917/publications.pdf

Version: 2024-02-01

| 25 | 296 | 1163117 | 888059 |
|---|---|---|---|
| papers | citations | 8 | 17 |
| | | h-index | g-index |

| 25 | 25 | 25 | 71 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The magnetic Weyl calculus. Journal of Mathematical Physics, 2004, 45, 1394-1417. | 1.1 | 67 |
| 2 | Magnetic Pseudodifferential Operators. Publications of the Research Institute for Mathematical Sciences, 2007, 43, 585-623. | 0.8 | 51 |
| 3 | Spectral and propagation results for magnetic SchrÃ¶dinger operators; A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>C</mml:mi><mml:mo>â^—</mml:mo></mml:msup></mml:math>-algebraic framework. Journal of Functional Analysis, 2007, 250, 42-67. | 1.4 | 41 |
| 4 | Some Propagation Properties of the Iwatsuka Model. Communications in Mathematical Physics, 1997, 188, 691-708. | 2.2 | 28 |
| 5 | Commutator Criteria for Magnetic Pseudodifferential Operators. Communications in Partial Differential Equations, 2010, 35, 1058-1094. | 2.2 | 25 |
| 6 | Strict deformation quantization for a particle in a magnetic field. Journal of Mathematical Physics, 2005, 46, 052105. | 1.1 | 19 |
| 7 | On the continuity of spectra for families of magnetic pseudodifferential operators. Journal of Mathematical Physics, 2010, 51, 083517. | 1.1 | 14 |
| 8 | The modulation mapping for magnetic symbols and operators. Proceedings of the American Mathematical Society, 2010, 138, 2839-2839. | 0.8 | 8 |
| 9 | The Mathematical Formalism of a Particle in a Magnetic Field. Lecture Notes in Physics, 2006, , 417-434. | 0.7 | 7 |
| 10 | Spectral edge regularity of magnetic Hamiltonians. Journal of the London Mathematical Society, 2015, 92, 89-104. | 1.0 | 6 |
| 11 | On the Regularity of the Hausdorff Distance Between Spectra of Perturbed Magnetic Hamiltonians. , 2012, , 55-66. | | 6 |
| 12 | Low lying spectral gaps induced by slowly varying magnetic fields. Journal of Functional Analysis, 2017, 273, 206-282. | 1.4 | 5 |
| 13 | Unicity of the Integrated Density of States for Relativistic SchrÃ¶dinger Operators with Regular Magnetic Fields and Singular Electric Potentials. Integral Equations and Operator Theory, 2010, 67, 215-246. | 0.8 | 4 |
| 14 | Magnetic Fourier integral operators. Journal of Pseudo-Differential Operators and Applications, 2011, 2, 141-218. | 0.7 | 3 |
| 15 | COHERENT STATES AND PURE STATE QUANTIZATION IN THE PRESENCE OF A VARIABLE MAGNETIC FIELD. International Journal of Geometric Methods in Modern Physics, 2011, 08, 187-202. | 2.0 | 3 |
| 16 | A Beals criterion for magnetic pseudo-differential operators proved with magnetic Gabor frames. Communications in Partial Differential Equations, 2018, 43, 1196-1204. | 2.2 | 3 |
| 17 | Eigenfunctions decay for magnetic pseudodifferential operators. Journal of Mathematical Physics, 2011, 52, 093709. | 1.1 | 2 |
| 18 | One dimensional periodic Dirac Hamiltonians: Semiclassical and highâ€energy asymptotics for gaps. Journal of Mathematical Physics, 1996, 37, 3153-3167. | 1.1 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | On the essential spectrum of magnetic pseudodifferential operators. Comptes Rendus Mathematique, 2007, 344, 11-14. | 0.3 | 1 |
| 20 | Abstract composition laws and their modulation spaces. Journal of Pseudo-Differential Operators and Applications, 2012, 3, 283-307. | 0.7 | 1 |
| 21 | Peierlsâ€™ substitution via minimal coupling and magnetic pseudo-differential calculus. Reviews in Mathematical Physics, 2019, 31, 1950008. | 1.7 | 1 |
| 22 | Positive quantization in the presence of a variable magnetic field. Journal of Mathematical Physics, 2011, 52, . | 1.1 | 0 |
| 23 | A Schattenâ€“von Neumann class criterion for the magnetic Weyl calculus. Communications in Partial Differential Equations, 2018, 43, 733-749. | 2.2 | 0 |
| 24 | Spectral analysis near a Dirac type crossing in a weak non-constant magnetic field. Transactions of the American Mathematical Society, 0, , . | 0.9 | 0 |
| 25 | Quantization in a Magnetic Field. , 2013, , 137-144. | | 0 |