# Carlos Alberto Lamas

List of Publications by Year
in descending order

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|---|---|---|---|
| 12 papers | 215 citations | 1307594<br>7 h-index | 1199594<br>12 g-index |
| 12 all docs | 12 docs citations | 12 times ranked | 217 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Quantum disordered phase on the frustrated honeycomb lattice. Physical Review B, 2011, 83, . | 3.2 | 77 |
| 2 | Exotic disordered phases in the quantum<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>model on the honeycomb lattice. Physical Review B, 2013, 87, . | 3.2 | 50 |
| 3 | Quantum phases in the frustrated Heisenberg model on the bilayer honeycomb lattice. Physical Review B, 2014, 89, . | 3.2 | 24 |
| 4 | Combined analytical and numerical approach to study magnetization plateaux in doped quasi-one-dimensional antiferromagnets. Physical Review B, 2011, 84, . | 3.2 | 15 |
| 5 | EVIDENCE OF A SPIN-LIQUID PHASE IN THE FRUSTRATED HONEYCOMB LATTICE. Modern Physics Letters B, 2011, 25, 891-900. | 1.9 | 14 |
| 6 | Path integral approach to order by disorder selection in partially polarized quantum spin systems. European Physical Journal B, 2015, 88, 1. | 1.5 | 8 |
| 7 | Magnon crystals and magnetic phases in a kagome-stripe antiferromagnet. Physical Review B, 2019, 100, . | 3.2 | 8 |
| 8 | Self consistent study of the quantum phases in a frustrated antiferromagnet on the bilayer honeycomb lattice. Journal of Physics: Conference Series, 2014, 568, 042019. | 0.4 | 6 |
| 9 | Magnetization process in a frustrated plaquette dimerized ladder. Physical Review B, 2017, 95, . | 3.2 | 5 |
| 10 | Nematic quantum phases in the bilayer honeycomb antiferromagnet. Physical Review B, 2018, 97, . | 3.2 | 3 |
| 11 | Current jumps in flat-band ladders with Dzyaloshinskii-Moriya interactions. Physical Review B, 2020, 102, . | 3.2 | 3 |
| 12 | Effective field theory approach for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:m bilayer honeycomb antiferromagnet. Physical Review B, 2021, 104, . | 3.2 | 2 |