# Ines de Vega

List of Publications by Year
in descending order

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|---|---|---|---|
| 12 papers | 977 citations | 1307594<br>7 h-index | 1199594<br>12 g-index |
| 12 all docs | 12 docs citations | 12 times ranked | 936 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Dynamics of non-Markovian open quantum systems. Reviews of Modern Physics, 2017, 89, . | 45.6 | 745 |
| 2 | Matter-Wave Emission in Optical Lattices: Single Particle and Collective Effects. Physical Review Letters, 2008, 101, 260404. | 7.8 | 69 |
| 3 | Thermofield-based chain-mapping approach for open quantum systems. Physical Review A, 2015, 92, . | 2.5 | 59 |
| 4 | How to discretize a quantum bath for real-time evolution. Physical Review B, 2015, 92, . | 3.2 | 50 |
| 5 | Non-Markovian stochastic Schrödinger description of transport in quantum networks. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 245501. | 1.5 | 10 |
| 6 | Weak-coupling master equation for arbitrary initial conditions. Physical Review A, 2017, 95, . | 2.5 | 10 |
| 7 | Thermalization in the quantum Ising model—approximations, limits, and beyond. Quantum Science and Technology, 2019, 4, 034002. | 5.8 | 10 |
| 8 | Dephasing dynamics of an impurity coupled to an anharmonic environment. Physical Review A, 2020, 101, . | 2.5 | 8 |
| 9 | Neural-network-based qubit-environment characterization. Physical Review A, 2022, 105, . | 2.5 | 7 |
| 10 | Impurity dephasing in a Bose–Hubbard model. New Journal of Physics, 2021, 23, 033018. | 2.9 | 6 |
| 11 | Open quantum systems in thermal nonergodic environments. Physical Review A, 2021, 103, . | 2.5 | 2 |
| 12 | Prethermalization of quantum systems interacting with non-equilibrium environments. New Journal of Physics, 2020, 22, 083067. | 2.9 | 1 |