

Edgard P M Amorim

List of Publications by Year in descending order

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13
papers

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citations

933447

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13
docs citations

13
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization in Quantum Walks with a Single Lattice Defect: A Comparative Study. Brazilian Journal of Physics, 2021, 51, 911-918.	1.4	1
2	Quantum corralling. Physical Review A, 2021, 104, .	2.5	1
3	Weak Disorder Enhancing the Production of Entanglement in Quantum Walks. Brazilian Journal of Physics, 2019, 49, 595-604.	1.4	11
4	Trojan Quantum Walks. Brazilian Journal of Physics, 2019, 49, 168-172.	1.4	10
5	Connecting velocity and entanglement in quantum walks. Physical Review A, 2019, 99, .	2.5	10
6	Asymptotic entanglement in quantum walks from delocalized initial states. Quantum Information Processing, 2017, 16, 1.	2.2	17
7	NiAl(110) Surface as a Template for Growing Transition Metal Linear Atomic Chains: A DFT Investigation. Journal of Physical Chemistry C, 2015, 119, 2456-2461.	3.1	5
8	Entangling power of disordered quantum walks. Physical Review A, 2014, 89, .	2.5	39
9	Adsorption of Pd, Pt, Cu, Ag, and Au Monomers on NiAl(110) Surface: A Comparative Study from DFT Calculations. Journal of Physical Chemistry A, 2014, 118, 5748-5755.	2.5	11
10	Dynamically Disordered Quantum Walk as a Maximal Entanglement Generator. Physical Review Letters, 2013, 111, 180503.	7.8	56
11	Helical [110] Gold Nanowires Make Longer Linear Atomic Chains. Physical Review Letters, 2008, 101, 125502.	7.8	22
12	Computer Simulations of Copper and Gold Nanowires and Single-wall Nanowires. Journal of Physical Chemistry C, 2008, 112, 15241-15246.	3.1	11
13	Short linear atomic chains in copper nanowires. Nanotechnology, 2007, 18, 145701.	2.6	33