

Edgard P M Amorim

List of Publications by Year in descending order

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13
papers

227
citations

933447

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1125743

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13
all docs

13
docs citations

13
times ranked

168
citing authors

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