

# Anu Venugopalan

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

278  
citations

1040056

9  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Integrated Hierarchical Dynamic Quantum Secret Sharing Protocol. International Journal of Theoretical Physics, 2015, 54, 3143-3154.	1.2	37
2	Decoherence and the quantum Zeno effect. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 204, 11-15.	2.1	33
3	Superrevivals in the quantum dynamics of a particle confined in a finite square-well potential. Physical Review A, 1999, 59, 1413-1422.	2.5	33
4	Pointer states via decoherence in a quantum measurement. Physical Review A, 1999, 61, .	2.5	30
5	Decoherence and visibility enhancement in multipath interference. Physical Review A, 2019, 100, .	2.5	26
6	Environment-induced decoherence I. The Stern-Gerlach measurement. Physica A: Statistical Mechanics and Its Applications, 1995, 220, 563-575.	2.6	24
7	Preferred basis in a measurement process. Physical Review A, 1994, 50, 2742-2745.	2.5	21
8	Decoherence and Schrödinger-cat states in a Stern-Gerlach-type experiment. Physical Review A, 1997, 56, 4307-4310.	2.5	18
9	Monitoring decoherence via measurement of quantum coherence. Physica A: Statistical Mechanics and Its Applications, 2019, 516, 308-316.	2.6	13
10	Comparing coherence measures for X states: Can quantum states be ordered based on quantum coherence?. Quantum Information Processing, 2019, 18, 1.	2.2	9
11	The quantum Zeno effect "watched pots in the quantum world. Resonance, 2007, 12, 52-68.	0.3	8
12	Wigner-function description of quantum-mechanical nonlocality. Physical Review A, 1991, 44, 6109-6114.	2.5	7
13	DECOHERENCE AND MATTER WAVE INTERFEROMETRY. International Journal of Modern Physics B, 2008, 22, 981-990.	2.0	7
14	Environment-induced decoherence II. Effect of decoherence on Bell's inequality for an EPR pair. Physica A: Statistical Mechanics and Its Applications, 1995, 220, 576-584.	2.6	5
15	Energy basis via decoherence. Pramana - Journal of Physics, 1998, 51, 625-631.	1.8	2
16	Controlling wave function localization in a multiple quantum well structure. Journal of Applied Physics, 2013, 113, 054310.	2.5	2
17	The coming of a classical world. Resonance, 2004, 9, 10-28.	0.3	1
18	Quantum interference of molecules. Resonance, 2010, 15, 16-31.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Probing entanglement dynamics via quantum coherence for two strongly interacting particles in a double-well. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 455303.	2.1	1
20	Preferred states of the apparatus. <i>Pramana - Journal of Physics</i> , 2012, 78, 175-186.	1.8	0