

Colloquium: The Einstein-Podolsky-Rosen paradox

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Asynchronous entanglement from coherently coupled nonlinear cavities. , 2009, , .		0
3	Visualizing electron delocalization, electron-proton correlations, and the Einstein-Podolsky-Rosen paradox during the photodissociation of a diatomic molecule using two ultrashort laser pulses. Physical Review A, 2010, 81, .	1.0	21
4	Spatial correlations in parametric down-conversion. Physics Reports, 2010, 495, 87-139.	10.3	273
5	Experimental EPR-steering using Bell-local states. Nature Physics, 2010, 6, 845-849.	6.5	344
6	Global effects of quantum states induced by locally invariant measurements. Europhysics Letters, 2010, 92, 20004.	0.7	38
7	Sub-Poissonian Number Differences in Four-Wave Mixing of Matter Waves. Physical Review Letters, 2010, 105, 190402.	2.9	67
8	Quantum Correlations in Optical Angleâ€œOrbital Angular Momentum Variables. Science, 2010, 329, 662-665.	6.0	508
9	Continuous variable entanglement enhancement and manipulation by a subthreshold Type II optical parametric amplifier. Optics Letters, 2010, 35, 853.	1.7	20
10	Bell inequalities for continuous-variable measurements. Physical Review A, 2010, 81, .	1.0	22
11	Revealing Hidden Einstein-Podolsky-Rosen Nonlocality. Physical Review Letters, 2011, 106, 130402.	2.9	234
12	Demonstrating hybrid quantum effects with two entangled laser beams. , 2011, , .		0
13	Demonstration of the angular uncertainty principle for single photons. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlock 16	1.0	16
14	Essential entanglement for atomic and molecular physics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 192001.	0.6	155
15	Einstein-Podolsky-Rosen Correlations of Ultracold Atomic Gases. Physical Review Letters, 2011, 106, 120404.	2.9	35
16	Unified criteria for multipartite quantum nonlocality. Physical Review A, 2011, 84, .	1.0	100
17	Proposal for a Quantum Delayed-Choice Experiment. Physical Review Letters, 2011, 107, 230406.	2.9	139
18	Entanglement, EPR steering, and Bell-nonlocality criteria for multipartite higher-spin systems. Physical Review A, 2011, 83, .	1.0	48
19	Einstein-Podolsky-Rosen Entanglement Strategies in Two-Well Bose-Einstein Condensates. Physical Review Letters, 2011, 106, 120405.	2.9	73

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22	Quantum memory for entangled continuous-variable states. Nature Physics, 2011, 7, 13-16.	6.5	130
23	Twin-atom beams. Nature Physics, 2011, 7, 608-611.	6.5	155
24	Mean field effects on the scattered atoms in condensate collisions. European Physical Journal D, 2011, 65, 19-24.	0.6	8
25	Demonstrating various quantum effects with two entangled laser beams. European Physical Journal D, 2011, 63, 457-461.	0.6	5
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27	Decoherence effects in Bose-Einstein condensate interferometry I. General theory. Annals of Physics, 2011, 326, 668-720.	1.0	6
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33	Planar quantum squeezing and atom interferometry. Physical Review A, 2011, 84, .	1.0	56
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40	One-way EPR steering and genuine multipartite EPR steering. , 2012, , .		0
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49	High-dimensional spatial entanglement observed with an electron multiplying CCD camera. , 2012, , .		0
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52	Einstein-Podolsky-Rosen entanglement and steering in two-well Bose-Einstein-condensate ground states. <i>Physical Review A</i> , 2012, 86, .	1.0	67
53	Continuous variable quantum key distribution with modulated entangled states. <i>Nature Communications</i> , 2012, 3, 1083.	5.8	169
54	The simplest demonstrations of quantum nonlocality. <i>New Journal of Physics</i> , 2012, 14, 113020.	1.2	15
55	Dynamical preparation of Einstein-Podolsky-Rosen entanglement in two-well Bose-Einstein condensates. <i>Physical Review A</i> , 2012, 86, .	1.0	29

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66	Delayed-choice quantum control of light-matter interaction. <i>Europhysics Letters</i> , 2012, 99, 24003.	0.7	10
67	Towards the evidence of a purely spatial Einstein-Podolsky-Rosen paradox in images: measurement scheme and first experimental results. <i>European Physical Journal D</i> , 2012, 66, 1.	0.6	14
68	Observation of entanglement witnesses for orbital angular momentum states. <i>European Physical Journal D</i> , 2012, 66, 1.	0.6	14
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70	Generating Entangled Microwave Radiation Over Two Transmission Lines. <i>Physical Review Letters</i> , 2012, 109, 183901.	2.9	211
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72	Cascaded entanglement enhancement. <i>Physical Review A</i> , 2012, 85, .	1.0	36
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78	Multimode theory of pulsed-twin-beam generation using a high-gain fiber-optical parametric amplifier. <i>Physical Review A</i> , 2013, 88, .	1.0	12
79	Monogamy inequalities for the Einstein-Podolsky-Rosen paradox and quantum steering. <i>Physical Review A</i> , 2013, 88, .	1.0	98
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91	Entangling two defects via a surrounding crystal. <i>Physical Review A</i> , 2013, 87, .	1.0	14

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103	Generic model for Cooper pair splitting. <i>International Journal of Modern Physics B</i> , 2014, 28, 1450137.	1.0	3
104	Asymmetric EPR entanglement in continuous variable systems. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 225502.	0.6	5
105	Bogoliubov theory for atom scattering into separate regions. <i>New Journal of Physics</i> , 2014, 16, 013041.	1.2	14
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107	Generation of frequency degenerate twin photons in pulse pumped fiber optical parametric amplifiers: Influence of background noise. <i>Optics Express</i> , 2014, 22, 2553.	1.7	7
108	Quantum frequency down-conversion of bright amplitude-squeezed states. <i>Optics Express</i> , 2014, 22, 24192.	1.7	6
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147	QuantenverschrÄnkung verhilft zur sicheren Datenvernetzung. <i>Physik in Unserer Zeit</i> , 2015, 46, 113-114.	0.0	0
148	Complete temporal mode analysis in pulse-pumped fiber-optical parametric amplifier for continuous variable entanglement generation. <i>Optics Express</i> , 2015, 23, 29369.	1.7	28
149	Nonlinear Entanglement and its Application to Generating Cat States. <i>Physical Review Letters</i> , 2015, 114, 100403.	2.9	26
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155	Test of Einstein-Podolsky-Rosen Steering Based on the All-Versus-Nothing Proof. <i>Scientific Reports</i> , 2014, 4, 4291.	1.6	18
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157	Quantification of Gaussian Quantum Steering. <i>Physical Review Letters</i> , 2015, 114, 060403.	2.9	264
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159	Classifying Directional Gaussian Entanglement, Einstein-Podolsky-Rosen Steering, and Discord. <i>Physical Review Letters</i> , 2015, 114, 060402.	2.9	111
160	Detection of quantum steering in multipartite continuous-variable Greenberger-Horne-Zeilingerâ€like states. <i>Physical Review A</i> , 2015, 91, .	1.0	20
161	<i>Colloquium</i> : Time-reversal violation with quantum-entangled mesons. <i>Reviews of Modern Physics</i> , 2015, 87, 165-182.	16.4	15
162	Generation of tripartite quantum correlation among amplitude-squeezed beams by frequency doubling in a singly resonant cavity. <i>Physical Review A</i> , 2015, 91, .	1.0	4
163	Quantum steering of multimode Gaussian states by Gaussian measurements: monogamy relations and the Peres conjecture. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 135301.	0.7	39

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165	Local Hidden Variable Models for Entangled Quantum States Using Finite Shared Randomness. <i>Physical Review Letters</i> , 2015, 114, 120401.	2.9	25
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174	Entanglement manifestation in spin resolved electronâ€“electron scattering. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 205, 66-73.	0.8	7
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181	Signifying the nonlocality of NOON states using Einstein-Podolsky-Rosen steering inequalities. <i>Physical Review A</i> , 2016, 94, .	1.0	13

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