

# Multipartite Einstein–Podolsky–Rosen steering and optical networks

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Certifying single-system steering for quantum-information processing. <i>Physical Review A</i> , 2015, 92, .	1.0	38
2	Hybrid Einstein-Podolsky-Rosen steering in an atom-optomechanical system. <i>Physical Review A</i> , 2015, 92, .	1.0	18
3	Secure Continuous Variable Teleportation and Einstein-Podolsky-Rosen Steering. <i>Physical Review Letters</i> , 2015, 115, 180502.	2.9	237
4	Hierarchy of Steering Criteria Based on Moments for All Bipartite Quantum Systems. <i>Physical Review Letters</i> , 2015, 115, 210401.	2.9	96
5	Systematic construction of genuine-multipartite-entanglement criteria in continuous-variable systems using uncertainty relations. <i>Physical Review A</i> , 2015, 92, .	1.0	17
6	Efficient Scheme for Perfect Collective Einstein-Podolsky-Rosen Steering. <i>Scientific Reports</i> , 2015, 5, 12346.	1.6	11
7	Optimal randomness certification in the quantum steering and prepare-and-measure scenarios. <i>New Journal of Physics</i> , 2015, 17, 113010.	1.2	78
8	Einstein-Podolsky-Rosen steering measure for two-mode continuous variable states. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, A27.	0.9	29
9	Detection of genuine tripartite entanglement and steering in hybrid optomechanics. <i>Optics Express</i> , 2015, 23, 30104.	1.7	14
10	Entanglement dynamics for three nitrogen-vacancy centers coupled to a whispering-gallery-mode microcavity. <i>Optics Express</i> , 2015, 23, 13734.	1.7	12
11	Decoherence of Einstein-Podolsky-Rosen steering. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, A82.	0.9	49
12	Entanglement and Einstein-Podolsky-Rosen steering between a nanomechanical resonator and a cavity coupled with two quantum dots. <i>Optics Express</i> , 2015, 23, 21306.	1.7	6
13	Detection of entanglement in asymmetric quantum networks and multipartite quantum steering. <i>Nature Communications</i> , 2015, 6, 7941.	5.8	137
14	Self-testing through EPR-steering. <i>New Journal of Physics</i> , 2016, 18, 075006.	1.2	48
15	Temporal steering in four dimensions with applications to coupled qubits and magnetoreception. <i>Physical Review A</i> , 2016, 94, .	1.0	23
16	Accessible quantification of multiparticle entanglement. <i>Npj Quantum Information</i> , 2016, 2, .	2.8	5
17	Quantum correlations in Gaussian states via Gaussian channels: steering, entanglement, and discord. <i>Quantum Information Processing</i> , 2016, 15, 2441-2453.	1.0	5
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20	Detecting genuine multipartite entanglement in steering scenarios. Physical Review A, 2016, 93, .	1.0	16
21	Experimental Quantification of Asymmetric Einstein-Podolsky-Rosen Steering. Physical Review Letters, 2016, 116, 160404.	2.9	155
22	Entanglement dynamics of Nitrogen-vacancy centers spin ensembles coupled to a superconducting resonator. Scientific Reports, 2016, 6, 21775.	1.6	17
23	One-way steering of optical fields via dissipation of an atomic reservoir. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 225502.	0.6	9
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43	Building mechanical Greenberger-Horne-Zeilinger and cluster states by harnessing optomechanical quantum steerable correlations. <i>Physical Review A</i> , 2017, 96, .	1.0	8
44	Continuous-variable entanglement of two bright coherent states that never interacted. <i>Physical Review A</i> , 2017, 96, .	1.0	18
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47	Spatio-Temporal Steering for Testing Nonclassical Correlations in Quantum Networks. <i>Scientific Reports</i> , 2017, 7, 3728.	1.6	28
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74	Characterization of the quantumness of unsteerable tripartite correlations. <i>Annals of Physics</i> , 2018, 398, 55-79.	1.0	3
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97	One-way steering of the optical fields with respect to the low-Q cavity via the thermal noise. <i>Laser Physics Letters</i> , 2019, 16, 125205.	0.6	2
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100	Measurement-device-independent and arbitrarily loss-tolerant verification of quantum steering. <i>Physical Review A</i> , 2019, 99, .	1.0	7
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#	ARTICLE	IF	CITATIONS
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182	Probing Genuine Multipartite Einstein-Podolsky-Rosen Steering and Entanglement Under an Open Tripartite System. Frontiers in Physics, 0, 10, .	1.0	2

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186	Quantum Steering: Practical Challenges and Future Directions. <i>PRX Quantum</i> , 2022, 3, .	3.5	24
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