

# Malek Bagheri Harouni

## List of Publications by Year in descending order

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21  
papers

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citations

1163117

8  
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21  
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docs citations

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times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of spherical anisotropy on optical mass sensing in plasmonic-molecular optomechanics. <i>Physical Review A</i> , 2022, 105, .	2.5	0
2	Single-quadrature quantum magnetometry in cavity electromagnonics. <i>Physical Review A</i> , 2021, 103, .	2.5	22
3	Generation of entanglement between quantum dot molecule with the presence of phonon effects in a voltage-controlled junction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 409, 127525.	2.1	1
4	Robust entanglement of an asymmetric quantum dot molecular system in a Josephson junction. <i>Heliyon</i> , 2020, 6, e04484.	3.2	4
5	Quantum speed limit in the thermal spin-boson system with and without tunneling term. <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	5
6	Entanglement between distant atoms mediated by a hybrid quantum system consisting of superconducting flux qubit and resonators. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 145502.	1.5	1
7	Photon antibunching control in a quantum dot and metallic nanoparticle hybrid system with non-Markovian dynamics. <i>Scientific Reports</i> , 2018, 8, 12435.	3.3	9
8	Photon Statistics of a Hybrid Quantum Dot-Metal Nanoparticle Cluster. <i>Plasmonics</i> , 2017, 12, 1-8.	3.4	38
9	Highly entangled photon pairs generated from the biexciton cascade transition in a quantum-dot-metal nanoparticle hybrid system. <i>Physical Review A</i> , 2017, 96, .	2.5	4
10	Energy transfer and quantum correlation dynamics in FMO light-harvesting complex. <i>Molecular Physics</i> , 2016, 114, 2123-2131.	1.7	6
11	Coherent states for the Kepler-Coulomb problem on a sphere. <i>Annals of Physics</i> , 2015, 355, 21-34.	2.8	2
12	Decoherence speed limit in the spin-deformed boson model. <i>Physical Review A</i> , 2015, 91, .	2.5	31
13	Entanglement sudden death in the presence of quantum decoherence in non-inertial frames: beyond the single-mode approximation. <i>Quantum Information Processing</i> , 2014, 13, 1483-1499.	2.2	3
14	Quantum decoherence of Dirac fields in non-inertial frames beyond the single-mode approximation. <i>Quantum Information Processing</i> , 2014, 13, 527-545.	2.2	6
15	Decoherence of quantum Brownian motion in noncommutative space. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 952-956.	2.1	10
16	Decoherence of spin-deformed bosonic model. <i>Annals of Physics</i> , 2013, 334, 321-333.	2.8	6
17	GENERALIZED COHERENT STATES APPROACH TO DEFORMATION QUANTIZATION. <i>International Journal of Modern Physics A</i> , 2012, 27, 1250095.	1.5	1
18	Influence of electron-phonon interaction on the optical spectrum and quantum statistics in a quantum-dot-cavity system: Master-equation approach. <i>Physical Review A</i> , 2012, 86, .	2.5	17

#	ARTICLE	IF	CITATIONS
19	A single trapped ion in a finite range trap. Annals of Physics, 2011, 326, 968-978.	2.8	6
20	Formation dynamics of an entangled photon pair: A temperature-dependent analysis. Physical Review B, 2010, 81, .	3.2	32
21	Influence of phonons on exciton-photon interaction and photon statistics of a quantum dot. Physical Review B, 2009, 79, .	3.2	14