

# Daniel Gammon

## List of Publications by Year in descending order

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22  
papers

1,207  
citations

567281

15  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1070  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent Population Trapping Combined with Cycling Transitions for Quantum Dot Hole Spins Using Triplet Trion States. <i>Physical Review Letters</i> , 2021, 126, 107401.	7.8	9
2	Direct high-resolution resonant Raman scattering measurements of dynamic nuclear spin polarization states of an InAs quantum dot. <i>Physical Review B</i> , 2020, 102, .	3.2	1
3	Tunable Coupling of a Double Quantum Dot Spin System to a Mechanical Resonator. <i>Nano Letters</i> , 2019, 19, 6166-6172.	9.1	9
4	Spin-dependent quantum optics in a quantum dot molecule. <i>Physical Review B</i> , 2019, 100, .	3.2	3
5	Direct excitation of a single quantum dot with cavity-SPDC photons. <i>Optics Express</i> , 2019, 27, 16308.	3.4	3
6	Nonlocal Nuclear Spin Quieting in Quantum Dot Molecules: Optically Induced Extended Two-Electron Spin Coherence Time. <i>Physical Review Letters</i> , 2016, 117, 077403.	7.8	16
7	Spin-cavity interactions between a quantum dot molecule and a photonic crystal cavity. <i>Nature Communications</i> , 2015, 6, 7665.	12.8	51
8	Optophonics with coupled quantum dots. <i>Nature Communications</i> , 2014, 5, 3299.	12.8	27
9	Cavity-stimulated Raman emission from a single quantum dot spin. <i>Nature Photonics</i> , 2014, 8, 442-447.	31.4	65
10	Leveraging Crystal Anisotropy for Deterministic Growth of InAs Quantum Dots with Narrow Optical Linewidths. <i>Nano Letters</i> , 2013, 13, 4870-4875.	9.1	25
11	Quantum control of a spin qubit coupled to a photonic crystal cavity. <i>Nature Photonics</i> , 2013, 7, 329-334.	31.4	115
12	Persistent optical nuclear spin narrowing in a singly charged InAs quantum dot. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, A119.	2.1	2
13	Entangled photon pair generation with quantum dot molecules. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, A82.	2.1	7
14	Scalable qubit architecture based on holes in quantum dot molecules. <i>Physical Review B</i> , 2012, 86, .	3.2	53
15	Persistent Narrowing of Nuclear-Spin Fluctuations in InAs Quantum Dots Using Laser Excitation. <i>Physical Review Letters</i> , 2012, 108, 187401.	7.8	19
16	Optical control of one and two hole spins in interacting quantum dots. <i>Nature Photonics</i> , 2011, 5, 702-708.	31.4	144
17	Tunable exciton relaxation in vertically coupled semiconductor InAs quantum dots. <i>Physical Review B</i> , 2011, 84, .	3.2	20
18	Ultrafast optical control of entanglement between two quantum-dot spins. <i>Nature Physics</i> , 2011, 7, 223-229.	16.7	200

#	ARTICLE	IF	CITATIONS
19	Optically controlled locking of the nuclear field via coherent dark-state spectroscopy. <i>Nature</i> , 2009, 459, 1105-1109.	27.8	208
20	Essential concepts in the optical properties of quantum dot molecules. <i>Solid State Communications</i> , 2009, 149, 1427-1435.	1.9	40
21	Optical Spin Initialization and Nondestructive Measurement in a Quantum Dot Molecule. <i>Physical Review Letters</i> , 2008, 101, 236804.	7.8	82
22	Optical Studies of Single Quantum Dots. <i>Physics Today</i> , 2002, 55, 36-41.	0.3	108