

# Daniel Gammon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11310620/publications.pdf>

Version: 2024-02-01

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	Optically controlled locking of the nuclear field via coherent dark-state spectroscopy. Nature, 2009, 459, 1105-1109.	27.8	208
2	Ultrafast optical control of entanglement between two quantum-dot spins. Nature Physics, 2011, 7, 223-229.	16.7	200
3	Optical control of one and two hole spins in interacting quantum dots. Nature Photonics, 2011, 5, 702-708.	31.4	144
4	Quantum control of a spin qubit coupled to a photonic crystal cavity. Nature Photonics, 2013, 7, 329-334.	31.4	115
5	Optical Studies of Single Quantum Dots. Physics Today, 2002, 55, 36-41.	0.3	108
6	Optical Spin Initialization and Nondestructive Measurement in a Quantum Dot Molecule. Physical Review Letters, 2008, 101, 236804.	7.8	82
7	Cavity-stimulated Raman emission from a single quantum dot spin. Nature Photonics, 2014, 8, 442-447.	31.4	65
8	Scalable qubit architecture based on holes in quantum dot molecules. Physical Review B, 2012, 86, .	3.2	53
9	Spin-cavity interactions between a quantum dot molecule and a photonic crystal cavity. Nature Communications, 2015, 6, 7665.	12.8	51
10	Essential concepts in the optical properties of quantum dot molecules. Solid State Communications, 2009, 149, 1427-1435.	1.9	40
11	Optophonics with coupled quantum dots. Nature Communications, 2014, 5, 3299.	12.8	27
12	Leveraging Crystal Anisotropy for Deterministic Growth of InAs Quantum Dots with Narrow Optical Linewidths. Nano Letters, 2013, 13, 4870-4875.	9.1	25
13	Tunable exciton relaxation in vertically coupled semiconductor InAs quantum dots. Physical Review B, 2011, 84, .	3.2	20
14	Persistent Narrowing of Nuclear-Spin Fluctuations in InAs Quantum Dots Using Laser Excitation. Physical Review Letters, 2012, 108, 187401.	7.8	19
15	Nonlocal Nuclear Spin Quieting in Quantum Dot Molecules: Optically Induced Extended Two-Electron Spin Coherence Time. Physical Review Letters, 2016, 117, 077403.	7.8	16
16	Tunable Coupling of a Double Quantum Dot Spin System to a Mechanical Resonator. Nano Letters, 2019, 19, 6166-6172.	9.1	9
17	Coherent Population Trapping Combined with Cycling Transitions for Quantum Dot Hole Spins Using Triplet Trion States. Physical Review Letters, 2021, 126, 107401.	7.8	9
18	Entangled photon pair generation with quantum dot molecules. Journal of the Optical Society of America B: Optical Physics, 2012, 29, A82.	2.1	7

#	ARTICLE	IF	CITATIONS
19	Spin-dependent quantum optics in a quantum dot molecule. <i>Physical Review B</i> , 2019, 100, .	3.2	3
20	Direct excitation of a single quantum dot with cavity-SPDC photons. <i>Optics Express</i> , 2019, 27, 16308.	3.4	3
21	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
22	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