

# Savvas Germanis

## List of Publications by Year in descending order

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14  
papers

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docs citations

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times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Redshifted biexciton and trion lines in strongly confined (211)B InAs/GaAs piezoelectric quantum dots. Journal of Applied Physics, 2022, 131, .	2.5	1
2	Unveiling the spin-singlet states of two electron-hole pair complexes using two-photon excitation in a GaAs/AlAs quantum dot. Physical Review B, 2022, 105, .	3.2	1
3	Emission properties and temporal coherence of the dark exciton confined in a $\text{GaAs}/\text{Al}_x\text{Ga}_{1-x}\text{As}$ quantum dot. Physical Review B, 2021, 104, .	3.2	3
4	Electrical control of optically pumped electron spin in a single GaAs/AlAs quantum dot fabricated by nanohole infilling. Physical Review B, 2020, 102, .	3.2	5
5	Spatially selective reversible charge carrier density tuning in $\text{WS}_2$ monolayers via photochlorination. 2D Materials, 2019, 6, 015003.	4.4	13
6	Dark-bright exciton coupling in asymmetric quantum dots. Physical Review B, 2018, 98, .	3.2	10
7	Room temperature observation of biexcitons in exfoliated $\text{WS}_2$ monolayers. Applied Physics Letters, 2017, 110, .	3.3	54
8	Structure, strain, and composition profiling of InAs/GaAs(211)B quantum dot superlattices. Journal of Applied Physics, 2016, 119, .	2.5	7
9	Enhanced Stark Tuning of Single InAs(211)B Quantum Dots due to Nonlinear Piezoelectric Effect in Zincblende Nanostructures. Physical Review Applied, 2016, 6, .	3.8	9
10	Strained GaAs/InGaAs Core-Shell Nanowires for Photovoltaic Applications. Nanoscale Research Letters, 2016, 11, 176.	5.7	19
11	Extraction of absorption coefficients from as-grown GaN nanowires on opaque substrates using all-optical method. Optics Express, 2014, 22, 19555.	3.4	15
12	Recombination dynamics in piezoelectric (211)B InAs quantum dots. Microelectronic Engineering, 2013, 112, 179-182.	2.4	3
13	Piezoelectric InAs/GaAs quantum dots with reduced fine-structure splitting for the generation of entangled photons. Physical Review B, 2012, 86, .	3.2	9
14	Polarization Resolved Single Dot Spectroscopy of (211)B InAs Quantum Dots. AIP Conference Proceedings, 2011, , .	0.4	0