

# Atilla Aydinli

## List of Publications by Year in descending order

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24  
papers

443  
citations

759233

12  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Rabi splitting of mixed plasmon-exciton states in small plasmonic moiré cavities. Optics Letters, 2020, 45, 5824.	3.3	2
2	Lasing in a Slow Plasmon Moiré Cavity. ACS Photonics, 2015, 2, 805-809.	6.6	10
3	Light harvesting with Ge quantum dots embedded in SiO2 or Si3N4. Journal of Applied Physics, 2014, 115, .	2.5	27
4	A Comparative Passivation Study for InAs/GaSb Pin Superlattice Photodetectors. IEEE Journal of Quantum Electronics, 2013, 49, 661-666.	1.9	23
5	Crystallization of Ge in SiO2 matrix by femtosecond laser processing. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2012, 30, .	1.2	7
6	Tuning surface plasmon-exciton coupling via thickness dependent plasmon damping. Physical Review B, 2012, 86, .	3.2	63
7	Effect of the Passivation Layer on the Noise Characteristics of Mid-Wave-Infrared InAs/GaSb Superlattice Photodiodes. IEEE Photonics Technology Letters, 2012, 24, 790-792.	2.5	26
8	Atomic layer deposited Al2O3 passivation of type II InAs/GaSb superlattice photodetectors. Journal of Applied Physics, 2012, 111, .	2.5	42
9	Structure for type-II superlattice photodetectors. Applied Physics Letters, 2012, 101, 073505.	3.3	42
10	Femtosecond laser crystallization of amorphous Ge. Journal of Applied Physics, 2011, 109, .	2.5	24
11	Localization of surface plasmon polaritons in hexagonal arrays of Moiré cavities. Applied Physics Letters, 2011, 98, 031101.	3.3	21
12	Coupled Plasmonic Cavities on Moire Surfaces. Plasmonics, 2010, 5, 429-436.	3.4	24
13	Slowing surface plasmon polaritons on plasmonic coupled cavities by tuning grating grooves. Applied Physics Letters, 2010, 97, 131103.	3.3	22
14	Slowing Down Surface Plasmons on a Moiré Surface. Physical Review Letters, 2009, 102, 063901.	7.8	48
15	An optical microcantilever with integrated grating coupler. , 2009, , .		0
16	Plasmonic band gap cavities on biharmonic gratings. Physical Review B, 2008, 77, .	3.2	35
17	Electric Field Dependence of Modulation in Multilayer InAs Quantum Dot Waveguides. , 2007, , .		0
18	Linear electro-optic coefficient in multilayer self-organized InAs quantum dot structures. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
19	Linear electro-optic coefficient in multilayer self-organized InAs quantum dot structures. , 2007, , .		0
20	Excited-state dynamics and nonlinear optical response of Ge nanocrystals embedded in silica matrix. Applied Physics Letters, 2006, 88, 181901.	3.3	12
21	Elasto-Optical Properties of Thin Polymer Films by Prism Coupling Technique. AIP Conference Proceedings, 2004, , .	0.4	1
22	Integrated Optical Asymmetric Coupler Pressure Sensor. AIP Conference Proceedings, 2004, , .	0.4	0
23	The Infrared and Raman Spectra of 4-Phenylpyridine and Its Hofmann Type Complexes.. Spectroscopy Letters, 1994, 27, 1083-1096.	1.0	12
24	Pulsed laser deposition of some II-VI compounds and alloys. Advanced Materials for Optics and Electronics, 1993, 2, 79-86.	0.4	2