

Atilla Aydinli

List of Publications by Year in descending order

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24
papers

443
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759233

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794594

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g-index

24
all docs

24
docs citations

24
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning surface plasmon-exciton coupling via thickness dependent plasmon damping. Physical Review B, 2012, 86, .	3.2	63
2	Slowing Down Surface Plasmons on a Moiré Surface. Physical Review Letters, 2009, 102, 063901.	7.8	48
3	Atomic layer deposited Al ₂ O ₃ passivation of type II InAs/GaSb superlattice photodetectors. Journal of Applied Physics, 2012, 111, .	2.5	42
4	Structure for type-II superlattice photodetectors. Applied Physics Letters, 2012, 101, 073505.	3.3	42
5	Plasmonic band gap cavities on biharmonic gratings. Physical Review B, 2008, 77, .	3.2	35
6	Light harvesting with Ge quantum dots embedded in SiO ₂ or Si ₃ N ₄ . Journal of Applied Physics, 2014, 115, .	2.5	27
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	Coupled Plasmonic Cavities on Moire Surfaces. Plasmonics, 2010, 5, 429-436.	3.4	24
9	Femtosecond laser crystallization of amorphous Ge. Journal of Applied Physics, 2011, 109, .	2.5	24
10	A Comparative Passivation Study for InAs/GaSb Pin Superlattice Photodetectors. IEEE Journal of Quantum Electronics, 2013, 49, 661-666.	1.9	23
11	Slowing surface plasmon polaritons on plasmonic coupled cavities by tuning grating grooves. Applied Physics Letters, 2010, 97, 131103.	3.3	22
12	Localization of surface plasmon polaritons in hexagonal arrays of Moiré cavities. Applied Physics Letters, 2011, 98, 031101.	3.3	21
13	The Infrared and Raman Spectra of 4-Phenylpyridine and Its Hofmann Type Complexes.. Spectroscopy Letters, 1994, 27, 1083-1096.	1.0	12
14	Excited-state dynamics and nonlinear optical response of Ge nanocrystals embedded in silica matrix. Applied Physics Letters, 2006, 88, 181901.	3.3	12
15	Lasing in a Slow Plasmon Moiré Cavity. ACS Photonics, 2015, 2, 805-809.	6.6	10
16	Crystallization of Ge in SiO ₂ matrix by femtosecond laser processing. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2012, 30, .	1.2	7
17	Pulsed laser deposition of some II-VI compounds and alloys. Advanced Materials for Optics and Electronics, 1993, 2, 79-86.	0.4	2
18	Large Rabi splitting of mixed plasmon-exciton states in small plasmonic moiré cavities. Optics Letters, 2020, 45, 5824.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Elasto-Optical Properties of Thin Polymer Films by Prism Coupling Technique. AIP Conference Proceedings, 2004, , .	0.4	1
20	Integrated Optical Asymmetric Coupler Pressure Sensor. AIP Conference Proceedings, 2004, , .	0.4	0
21	Electric Field Dependence of Modulation in Multilayer InAs Quantum Dot Waveguides. , 2007, , .		0
22	Linear electro-optic coefficient in multilayer self-organized InAs quantum dot structures. , 2007, , .		0
23	Linear electro-optic coefficient in multilayer self-organized InAs quantum dot structures. , 2007, , .		0
24	An optical microcantilever with integrated grating coupler. , 2009, , .		0