Srinivasan Anand

List of Publications by Year
in descending order

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169	2,570	218381	243296
papers	citations	26 h-index	44 g-index

170	170	170	2328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Negative Refraction at Infrared Wavelengths in a Two-Dimensional Photonic Crystal. Physical Review Letters, 2004, 93, 073902.	2.9	316
2	Deep level transient spectroscopy of InP quantum dots. Applied Physics Letters, 1995, 67, 3016-3018.	1.5	91
3	Surface Second-Harmonic Generation from Vertical GaP Nanopillars. Nano Letters, 2012, 12, 820-826.	4.5	83
4	Photonic crystal optical filter based on contra-directional waveguide coupling. Applied Physics Letters, 2003, 83, 5121-5123.	1.5	81
5	Temperature tuning of the optical properties of planar photonic crystal microcavities. Applied Physics Letters, 2004, 84, 846-848.	1.5	78
6	Photonic Crystalsâ€"A Step towards Integrated Circuits for Photonics. ChemPhysChem, 2004, 5, 1268-1283.	1.0	72
7	Optical study of two-dimensional InP-based photonic crystals by internal light source technique. IEEE Journal of Quantum Electronics, 2002, 38, 786-799.	1.0	68
8	Band filling at low optical power density in semiconductor dots. Applied Physics Letters, 1995, 67, 1905-1907.	1.5	60
9	Electrical characterization of InP/GaInP quantum dots by space charge spectroscopy. Journal of Applied Physics, 1998, 84, 3747-3755.	1.1	58
10	Modal Engineering of Second-Harmonic Generation in Single GaP Nanopillars. Nano Letters, 2014, 14, 5376-5381.	4.5	57
11	Contact mode atomic force microscopy imaging of nanometerâ€sized particles. Applied Physics Letters, 1995, 66, 3295-3297.	1.5	48
12	Compound cavity measurement of transmission and reflection of a tapered single-line photonic-crystal waveguide. Applied Physics Letters, 2003, 82, 2577-2579.	1.5	47
13	Semiconductor photonic crystals for optoelectronics. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 21, 802-808.	1.3	47
14	Planar photonic crystals infiltrated with liquid crystals: optical characterization of molecule orientation. Optics Letters, 2006, 31, 1238.	1.7	42
15	Nanofabrication of two-dimensional photonic crystal mirrors for 1.5 Î¼m short cavity lasers. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 2775.	1.6	38
16	Low-loss InP-based photonic-crystal waveguides etched with Ar/Cl[sub 2] chemically assisted ion beam etching. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2003, 21, 900.	1.6	37
17	Fabrication of two-dimensional InP-based photonic crystals by chlorine based chemically assisted ion beam etching. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 707.	1.6	36
18	Liquid crystal infiltration of InP-based planar photonic crystals. Journal of Applied Physics, 2006, 99, 103105.	1.1	36

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19	Design of a Polarization Insensitive Triplexer Using Directional Couplers Based on Submicron Silicon Rib Waveguides. Journal of Lightwave Technology, 2009, 27, 1443-1447.	2.7	36
20	High Optical Quality InP-Based Nanopillars Fabricated by a Top-Down Approach. Nano Letters, 2011, 11, 4805-4811.	4.5	36
21	Optical tuning of planar photonic crystals infiltrated with organic molecules. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 2165.	0.9	35
22	GaAs nanopillar arrays with suppressed broadband reflectance and high optical quality for photovoltaic applications. Optical Materials Express, 2012, 2, 1671.	1.6	35
23	Single-mode operation of coupled-cavity lasers based on two-dimensional photonic crystals. Applied Physics Letters, 2001, 79, 4091-4093.	1.5	32
24	Transparent TiO2 and ZnO Thin Films on Glass for UV Protection of PV Modules. Frontiers in Materials, 2019, 6, .	1.2	32
25	Silicon nanopillar arrays with SiO_2 overlayer for biosensing application. Optical Materials Express, 2014, 4, 1345.	1.6	28
26	Evaluation of different oxidation methods for silicon for scanning capacitance microscopy. Materials Science in Semiconductor Processing, 2001, 4, 81-84.	1.9	27
27	Electrical characterization of InGaAs/InP quantum wells by scanning capacitance microscopy. Applied Physics Letters, 2003, 83, 4205-4207.	1.5	26
28	Silicon micro-structure and ZnO nanowire hierarchical assortments for light management. Optical Materials Express, 2013, 3, 1039.	1.6	26
29	Electron transport at Au/InP interface with nanoscopic exclusions. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 2794.	1.6	25
30	A Polarization-Insensitive 1310/1550-nm Demultiplexer Based on Sandwiched Multimode Interference Waveguides. IEEE Photonics Technology Letters, 2007, 19, 1789-1791.	1.3	25
31	Dry Etching of Photonic Crystals in InP Based Materials. Physica Scripta, 2002, T101, 106.	1.2	24
32	Probing carriers in two-dimensional systems with high spatial resolution by scanning spreading resistance microscopy. Applied Physics Letters, 2003, 83, 2184-2186.	1.5	24
33	Honeycomb type ZnO nanostructures for sensitive and selective CO detection. Sensors and Actuators B: Chemical, 2017, 252, 764-772.	4.0	24
34	Polarization-dependent optical properties of planar photonic crystals infiltrated with liquid crystals. Applied Physics Letters, 2005, 87, 121105.	1.5	23
35	Aluminum-Induced Photoluminescence Red Shifts in Coreâ€“Shell GaAs/Al_xGa_{1â€“x}As Nanowires. Nano Letters, 2013, 13, 3581-3588.	4.5	23
36	Experimental quantification of surface optical nonlinearity in GaP nanopillar waveguides. Optics Express, 2015, 23, 756.	1.7	23

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37	Another dimension in device characterization. IEEE Circuits and Devices: the Magazine of Electronic and Photonic Systems, 2000, 16, 12-18.	0.8	22
38	In-plane resonant cavities with photonic crystal boundaries etched in InP-based heterostructure. Applied Physics Letters, 2003, 83, 1095-1097.	1.5	21
39	Characterization of the feature-size dependence in Arâˆ•Cl[sub 2] chemically assisted ion beam etching of InP-based photonic crystal devices. Journal of Vacuum Science & Technology B, 2007, 25, 1.	1.3	21
40	Carrier transport through a dry-etched InP-based two-dimensional photonic crystal. Journal of Applied Physics, 2007, 101, 123101.	1.1	21
41	Fabrication of Periodic Nanostructure Assemblies by Interfacial Energy Driven Colloidal Lithography. Advanced Functional Materials, 2014, 24, 4577-4583.	7.8	21
42	Topography dependent doping distribution in selectively regrown InP studied by scanning capacitance microscopy. Applied Physics Letters, 1998, 72, 815-817.	1.5	20
43	Low energy ion beam etching of InP using methane chemistry. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 1018.	1.6	19
44	Carrier profiling of Al-doped 4H-SiC by scanning spreading resistance microscopy. Applied Physics Letters, 2002, 81, 3004-3006.	1.5	18
45	Minimization of out-of-plane losses in planar photonic crystals by optimizing the vertical waveguide. Applied Physics Letters, 2004, 85, 3998-4000.	1.5	18
46	Embossed Mie resonator arrays composed of compacted TiO2 nanoparticles for broadband anti-reflection in solar cells. Scientific Reports, 2020, 10, 12527.	1.6	18
47	Nanofabrication of high quality photonic crystals for integrated optics circuits. Nanotechnology, 2002, 13, 341-345.	1.3	17
48	High-bandwidth transmission of an efficient photonic-crystal mode converter. Optics Letters, 2004, 29, 1745.	1.7	17
49	Room-temperature polarized spin-photon interface based on a semiconductor nanodisk-in-nanopillar structure driven by few defects. Nature Communications, 2018, 9, 3575.	5.8	16
50	Optical properties and fabrication of dielectric metasurfaces based on amorphous silicon nanodisk arrays. Optics Express, 2019, 27, 5353.	1.7	16
51	High external efficiency in a monomode full-photonic-crystal laserunder continuous wave electrical injection. Applied Physics Letters, 2004, 85, 1913-1915.	1.5	15
52	Topâ€Down Fabrication of High Quality IIIâ€“V Nanostructures by Monolayer Controlled Sculpting and Simultaneous Passivation. Advanced Functional Materials, 2013, 23, 1620-1627.	7.8	15
53	Crystallographic orientation dependence of impurity incorporation during epitaxial lateral overgrowth of InP. Journal of Crystal Growth, 2002, 237-239, 1418-1422.	0.7	14
54	Characterization of quantum wells by cross-sectional Kelvin probe force microscopy. Applied Physics Letters, 2004, 85, 5245-5247.	1.5	14

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55	Ultracompact directional couplers realized in InP by utilizing feature size dependent etching. Optics Letters, 2008, 33, 1927.	1.7	14
56	Nanostructuring of GaAs with tailored topologies using colloidal lithography and dry etching. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2014, 32, 021801.	0.6	14
57	Modal behavior of single-line photonic crystal guiding structures on InP substrate. Photonics and Nanostructures - Fundamentals and Applications, 2004, 2, 1-10.	1.0	13
58	Junction-type photonic crystal waveguides for notch- and pass-band filtering. Optics Express, 2011, 19, 21074.	1.7	13
59	Wafer-scale self-organized InP nanopillars with controlled orientation for photovoltaic devices. Nanotechnology, 2015, 26, 415304.	1.3	13
60	Thermal conductivity of epitaxially grown InP: experiment and simulation. CrystEngComm, 2017, 19, 1879-1887.	1.3	13
61	Ultrasharp ministop-band edge for subnanometer tuning resolution. Applied Physics Letters, 2011, 98, 081112.	1.5	12
62	Scanning capacitance microscopy investigations of SiC structures. Materials Science in Semiconductor Processing, 2001, 4, 209-211.	1.9	11
63	Characterization of GaAs/AlGaAs laser mesas regrown with semi-insulating GaInP by scanning capacitance microscopy. Applied Physics Letters, 2002, 81, 960-962.	1.5	10
64	Determination of spatial resolution in atomic-force-microscopy-based electrical characterization techniques using quantum well structures. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 61.	1.6	10
65	Alloy broadening of the emission barrier of theDXcenter in aluminum gallium arsenide. Applied Physics Letters, 1989, 54, 145-147.	1.5	9
66	Use of lowâ€frequency capacitance in deep level transient spectroscopy measurements to reduce series resistance effects. Journal of Applied Physics, 1992, 72, 3535-3538.	1.1	9
67	Scanning capacitance microscopy investigations of buried heterostructure laser structures. Applied Surface Science, 1999, 144-145, 137-140.	3.1	9
68	Fabryâ€“PÃ©rot cavities based on two-dimensional photonic crystals fabricated in InP membranes. Journal of Applied Physics, 2004, 95, 5928-5930.	1.1	9
69	Novel postetch process to realize high quality photonic crystals in InP. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2011, 29, .	0.6	9
70	Mini-stop bands in single heterojunction photonic crystal waveguides. AIP Advances, 2013, 3, 032136.	0.6	9
71	Surface second harmonic generation from silicon pillar arrays with strong geometrical dependence. Optics Letters, 2015, 40, 2072.	1.7	9
72	Refractive index sensing in the visible/NIR spectrum using silicon nanopillar arrays. Optics Express, 2017, 25, 12171.	1.7	9

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73	Color generation from self-organized metalo-dielectric nanopillar arrays. Nanophotonics, 2019, 8, 1771-1781.	2.9	9
74	MOVPE growth of and heterostructures for electronic transport applications. Journal of Crystal Growth, 1997, 170, 127-131.	0.7	8
75	Photonic crystal waveguides with propagation losses in the 1â€‚dBâˆ•mm range. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 3356.	1.6	8
76	Large dispersion in photonic crystal waveguide resonator. Electronics Letters, 2005, 41, 414.	0.5	8
77	Tuning the optical properties of planar photonic crystals by liquid crystal infiltration. , 2005, 5926, 592601.		8
78	Highly dispersive photonic crystal-based coupled-cavity structures. Applied Physics Letters, 2006, 88, 201106.	1.5	8
79	Fabrication of Submicrometer InP Pillars by Colloidal Lithography and Dry Etching. Journal of the Electrochemical Society, 2010, 157, H896.	1.3	8
80	Techniques for Depth Profiling of Dopants in 4H-SiC. Materials Science Forum, 2001, 353-356, 559-562.	0.3	7
81	Generation of substrate-free IIIâ€“V nanodisks from user-defined multilayer nanopillar arrays for integration on Si. Nanotechnology, 2013, 24, 225301.	1.3	7
82	Focused ion beam milling of gallium phosphide nanostructures for photonic applications. Optical Materials Express, 2016, 6, 587.	1.6	7
83	Modal phase matching in nanostructured zinc-blende semiconductors for second-order nonlinear optical interactions. Physical Review B, 2017, 96, .	1.1	7
84	Optical properties of strained InP quantum dots inGa0.5In0.5P studied by space-charge techniques. Physical Review B, 1996, 53, R10497-R10500.	1.1	6
85	Doping landscapes in the nanometer range by scanning capacitance microscopy. Applied Surface Science, 1999, 144-145, 525-529.	3.1	6
86	Polytype homogeneity and doping distribution in homoepitaxial 4H SiC grown on nonplanar substrates. Applied Physics Letters, 2002, 80, 1755-1757.	1.5	6
87	The Surfaces of the Ceratonia siliqua L. (Carob) Leaflet: Insights from Physics and Chemistry. Langmuir, 2021, 37, 2011-2028.	1.6	6
88	Low temperature liquid phase epitaxial growth and characterization of AlxGa1â^'xAs. Thin Solid Films, 1988, 163, 443-446.	0.8	5
89	Evidence for the neutral charge state model of the DX center in aluminium gallium arsenide. Solid State Communications, 1990, 76, 609-612.	0.9	5
90	Extremely smooth surface morphologies in N2/H2/CH4 based low energy chemically assisted ion beam etching of InP/GaInAsP. Thin Solid Films, 1999, 343-344, 374-377.	0.8	5

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91	Scanning probe microscopy characterisation of masked low energy implanted nanometer structures. Nuclear Instruments & Methods in Physics Research B, 2001, 173, 447-454.	0.6	5
92	Scanning spreading resistance microscopy of aluminum implanted 4Hâ€“SiC. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 102, 128-131.	1.7	5
93	Longitudinal mode selection in constricted photonic crystal guides and electrically injected lasers. Journal of Lightwave Technology, 2005, 23, 1363-1368.	2.7	5
94	Bloch mode excitation in two-dimensional photonic crystals imaged by Fourier optics. Physical Review B, 2009, 79, .	1.1	5
95	Strong light extraction enhancement using TiO2 nanoparticles-based microcone arrays embossed on III-Nitride light emitting diodes. Applied Physics Letters, 2018, 112, 231101.	1.5	5
96	Scanning Capacitance Microscopy for Two-Dimensional Doping Profiling in Si- and InP-Based Device Structures. Physica Scripta, 1999, T79, 163.	1.2	5
97	Characterization of damage in InP dry etched using nitrogen containing chemistries. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 1905.	1.6	4
98	Optical add/drop filters using two-dimensional photonic crystals. , 2004, 5279, 286.		4
99	Low-loss photonic crystal and monolithic InP integration: bands, bends, lasers, and filters. , 2004, 5360, 119.		4
100	Negative refraction in two-dimensional photonic crystals. Applied Physics A: Materials Science and Processing, 2005, 80, 1231-1236.	1.1	4
101	Impact of feature-size dependent etching on the optical properties of photonic crystal devices. Journal of Applied Physics, 2008, 103, 096106.	1.1	4
102	Accumulated sidewall damage in dry etched photonic crystals. Journal of Vacuum Science & Technology B, 2009, 27, 1969-1975.	1.3	4
103	Spatially resolved characterization of InGaAs/GaAs quantum dot structures by scanning spreading resistance microscopy. Applied Physics Letters, 2010, 97, 041106.	1.5	4
104	Carrier dynamics in InP nanopillar arrays fabricated by low-damage etching. Applied Physics Letters, 2013, 102, .	1.5	4
105	High quality InP nanopyramidal frusta on Si. CrystEngComm, 2014, 16, 4624-4632.	1.3	4
106	Investigations of Sol-Gel ZnO Films Nanostructured by Reactive Ion Beam Etching for Broadband Anti-Reflection. ECS Journal of Solid State Science and Technology, 2017, 6, P653-P659.	0.9	4
107	Rapid thermal annealing treated spinâ€“on doped antireflective radial junction Si nanopillar solar cell. Optics Express, 2017, 25, A200.	1.7	4
108	ZnO nanowire-enabled light funneling effect for antireflection and light convergence applications. Optics Letters, 2017, 42, 45.	1.7	4

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109	Colloidal lithography nanostructured Pd/PdOxcoreâ€“shell sensor for ppb level H2S detection. Nanotechnology, 2018, 29, 255502.	1.3	4
110	Evidence for the alloy broadening of the emission and capture rates of theDXcenter from the frequency dependence of capacitance of Schottky barriers on AlxGa1â^'xAs: Si. Journal of Applied Physics, 1990, 67, 1121-1123.	1.1	3
111	Sharp line injection luminescence from InP quantum dots buried in GaInP. Journal of Applied Physics, 1996, 80, 1251-1253.	1.1	3
112	Band-filling in InP dots: Single dot spectroscopy and carrier dynamics. Solid-State Electronics, 1996, 40, 357-361.	0.8	3
113	Trimethylamine: Novel source for low damage reactive ion beam etching of InP. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 2660.	1.6	3
114	Photonic crystal waveguides in InP-based heterostructures. , 2002, , .		3
115	Evidence of Bloch wave propagation within photonic crystal waveguides. Applied Physics B: Lasers and Optics, 2006, 82, 9-12.	1.1	3
116	Gallium indium phosphide microstructures with suppressed photoluminescence for applications in nonlinear optics. Optics Letters, 2019, 44, 5117.	1.7	3
117	Charge state of theDXcenter in aluminum gallium arsenide from photo-Hall measurements. Physical Review B, 1993, 48, 8757-8760.	1.1	2
118	Imaging of ultrafine particles with the atomic force microscope. Journal of Aerosol Science, 1996, 27, S173-S174.	1.8	2
119	Scanning capacitance microscopy investigations of InGaAs/InP quantum wells. Thin Solid Films, 2004, 459, 67-70.	0.8	2
120	Electrical conduction through a 2D InP-based photonic crystal. , 2006, , .		2
121	Enhanced Absorption in InP Nanodisk Arrays on Ultra-Thin-Film Silicon for Solar Cell Applications. Photonics, 2022, 9, 157.	0.9	2
122	Design and Modelling of Metal-Oxide Nanodisk Arrays for Structural Colors and UV-Blocking Functions in Solar Cell Glass Covers. Photonics, 2022, 9, 273.	0.9	2
123	DX Centers in AlGaAs and Pressurised GaAs. Materials Research Society Symposia Proceedings, 1993, 300, 489.	0.1	1
124	Transport and Schottky properties of GaInP capped GaInAs/InP quantum wells with extremely high electron mobilities. , 0, , .		1
125	Process damage in chemically assisted ion beam etching of InP/GaInAsP. , 0, , .		1
126	Characterization of buried heterostructure lasers by scanning capacitance microscopy. , 0, , .		1

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127	Fabrication and characterization of two-dimensional photonic crystal waveguides etched in InP-based heterostructure. , 0, , .		1
128	Structural, electrical, and optical analysis of ion implanted semi-insulating InP. Journal of Applied Physics, 2004, 95, 477-482.	1.1	1
129	Temperature tuning of the optical properties of planar photonic crystal microcavities. , 2004, 5450, 311.		1
130	High-aspect-ratio etching and characterization of 2D photonic crystals in InP/InGaAsP/InP heterostructures. , 2004, , .		1
131	Heteroepitaxy and Selective Epitaxy for Discrete and Integrated Devices. , 2006, , .		1
132	Photonic Crystal Based Active Optoelectronic Devices. , 2006, , 329-346.		1
133	Impact of dry-etching induced damage in InP-based photonic crystals. Proceedings of SPIE, 2008, , .	0.8	1
134	Ion bombardment induced formation of self-organized wafer-scale GaInP nanopillar assemblies. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2020, 38, 012801.	0.6	1
135	Top-Down Fabrication of High Quality Gallium Indium Phosphide Nanopillar/disk Array Structures. , 2019, , .		1
136	GaInP nanowire arrays for color conversion applications. Scientific Reports, 2020, 10, 22368.	1.6	1
137	Strain Effects in InP Dots in between Barriers of GaInP. Materials Research Society Symposia Proceedings, 1995, 417, 233.	0.1	0
138	Correlation between morphology and island formation on InP surfaces. , 0, , .		0
139	A novel in-line characterization method with nanoscale lateral resolution for evaluating dry etching of InP. , 0, , .		0
140	Optical add/drop filter by contra-directional coupling between photonic crystal waveguides. , 0, , .		0
141	Technology and properties of photonic-crystal-based active and passive optoelectronic devices. , 2004, , .		0
142	Negative refraction in semiconductor photonic crystals. , 2005, , .		0
143	Applications of wavelength dispersion in 1D and 2D photonic crystals. , 2005, 5950, 78.		0
144	Low-loss InP-based photonic crystal waveguides and resonators. , 2005, , .		0

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145	Evidence of the photonic gap contribution to the guiding mechanism for strongly confined modes in the refractivelike domain. Optics Letters, 2006, 31, 2139.	1.7	0
146	Feature size effects in chemically assisted ion beam etching of InP-based photonic crystals. , 2006, , .		0
147	Photonic crystal waveguide-based dispersion compensators. , 2006, , .		0
148	Optical and local tuning of planar photonic crystals infiltrated with organic molecules. , 2007, , .		0
149	Optical and Local Tuning of Planar Photonic Crystals Infiltrated with Organic Molecules. , 2007, , .		0
150	An Ultra-Compact Polarization Insensitive Directional Coupler. , 2008, , .		0
151	InP-based two dimensional photonic crystals - A material and processing perspective. , 2008, , .		0
152	InP-based photonic crystal waveguide filters. , 2010, , .		0
153	InP-Based photonic crystal waveguide technology for filtering and sensing applications. , 2011, , .		0
154	Second harmonic generation in GaP nanopillars. , 2011, , .		0
155	Engineering mode-gaps in photonic crystal waveguides for filtering applications. , 2011, , .		0
156	Surface Optical Nonlinearity in GaP Nanopillar Waveguides. , 2012, , .		0
157	Effect of hole shapes on the reliability of deeplyâ€etched InPâ€based photonic crystal devices. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1670-1673.	0.8	0
158	Investigation of second order optical nonlinearity at the surface of GaP nanowaveguides. , 2013, , .		0
159	Optical coatings and films based on photonic semiconductor nanostructure assemblies. , 2017, , .		0
160	Polarization dependent structural colors from tilted metalo-dielectric nanopillars. Materials Research Express, 2021, 8, 046202.	0.8	0
161	Enhanced Second-Harmonic Generation in GaP Nanopillars Arrays by Modal Engineering. , 2014, , .		0
162	Focused Ion Beam Milling of Gallium Phosphide Nanowaveguides for Non-linear Optical Applications. , 2016, , .		0

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163	Modal Phase Matching in Nanostructured Zincblende Semiconductors for Second-Harmonic Generation. , 2017, , .		0
164	Gallium Indium Phosphide Nanostructures with Suppressed Photoluminescence for Applications in Nonlinear Optics. , 2018, , .		0
165	Scanning capacitance microscopy as an in-line evaluation tool for dry etching of semiconductors: a case study with InP. , 2018, , 523-526.		0
166	Characterization of GaAs/AlGaAs buried-heterostructure lasers by scanning capacitance microscopy. , 2018, , 535-538.		0
167	Nanoparticle-based microstructures for light extraction enhancement in nitride-based LEDs. , 2018, , .		0
168	Fabrication of self-organized InP nanopillars by ion-bombardment for optoelectronic applications. , 2019, , .		0
169	Electrical Characterisation of IIIâ€“V Buried Heterostructure Lasers by Scanning Capacitance Microscopy. , 2005, , 413-424.		0