

Alessandro Fantoni

List of Publications by Year in descending order

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159
papers

620
citations

686830

13
h-index

752256

20
g-index

165
all docs

165
docs citations

165
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of hydrogenated amorphous and microcrystalline silicon optoelectronic devices. Mathematics and Computers in Simulation, 1999, 49, 381-401.	2.4	52
2	Light-Activated Amplification in Si-C Tandem Devices: A Capacitive Active Filter Model. IEEE Sensors Journal, 2012, 12, 1755-1762.	2.4	40
3	Influence of the intrinsic layer characteristics on a-Si:H μ c-Si solar cell performance analysed by means of a computer simulation. Solar Energy Materials and Solar Cells, 2002, 73, 151-162.	3.0	32
4	Self-biasing effect in colour sensitive photodiodes based on double p-i-n a-SiC:H heterojunctions. Vacuum, 2008, 82, 1512-1516.	1.6	30
5	Image capture devices based on μ c-silicon carbides for biometric applications. Journal of Non-Crystalline Solids, 2002, 299-302, 1245-1249.	1.5	23
6	A two-dimensional numerical simulation of a non-uniformly illuminated amorphous silicon solar cell. Journal Physics D: Applied Physics, 1996, 29, 3154-3159.	1.3	21
7	Wide spectral response in μ c-Si:H photodiodes. Thin Solid Films, 1997, 296, 164-167.	0.8	17
8	Tailoring defects on amorphous silicon pin devices. Journal of Non-Crystalline Solids, 1993, 164-166, 671-674.	1.5	15
9	Stacked n-i-p-n-i-p Heterojunctions for Image Recognition. Materials Research Society Symposia Proceedings, 2003, 762, 18131.	0.1	15
10	Image and color sensitive detector based on double p-i-n/p-i-n a-SiC:H photodiode. Materials Research Society Symposia Proceedings, 2005, 862, 1341.	0.1	15
11	Optical multiplexer for short range communications. Physica E: Low-Dimensional Systems and Nanostructures, 2009, 41, 1082-1085.	1.3	15
12	Pinpi'n and Pinpii'n Multilayer Devices with Voltage Controlled Optical Readout. Journal of Nanoscience and Nanotechnology, 2009, 9, 4022-4027.	0.9	15
13	Bias sensitive multispectral structures for imaging applications. Thin Solid Films, 2007, 515, 7566-7570.	0.8	14
14	Plasmonic Metal Nanoparticles Hybridized with 2D Nanomaterials for SERS Detection: A Review. Biosensors, 2022, 12, 225.	2.3	14
15	A new CLSP Sensor for Image Recognition and Color Separation. Materials Research Society Symposia Proceedings, 2002, 715, 431.	0.1	13
16	SiC Multilayer Structures as Light Controlled Photonic Active Filters. Plasmonics, 2013, 8, 63-70.	1.8	12
17	Modelling Heteroface of P.I.N Solar Cells for Improving Stability. Materials Research Society Symposia Proceedings, 1994, 336, 711.	0.1	11
18	Influence of the band offset on the performance of photodevices based on the c-Si/a-Si:H heterostructure. Thin Solid Films, 2001, 383, 314-317.	0.8	11

#	ARTICLE	IF	CITATIONS
19	Controlling The Lateral Photoeffect In a-Si:H Heterojunction Structures: The Influence of The Band Offset Analysed Through A Numerical Simulation. Materials Research Society Symposia Proceedings, 2001, 664, 25111.	0.1	10
20	Image and color recognition using amorphous silicon p-i-n photodiodes. Sensors and Actuators A: Physical, 2005, 123-124, 326-330.	2.0	10
21	An amorphous SiC/Si image photodetector with voltage-selectable spectral response. Thin Solid Films, 2006, 511-512, 167-171.	0.8	10
22	Effect of Graphene vs. Reduced Graphene Oxide in Gold Nanoparticles for Optical Biosensors—A Comparative Study. Biosensors, 2022, 12, 163.	2.3	10
23	Inhomogeneous transport in microcrystalline p-i-n devices. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 755-764.	0.6	9
24	Optoelectronic characterization of a-SiC:H stacked devices. Journal of Non-Crystalline Solids, 2004, 338-340, 345-348.	1.5	9
25	On the a-Si:H film growth: the role of the powder formation. Journal of Non-Crystalline Solids, 1996, 198-200, 1207-1211.	1.5	8
26	Voltage Controlled Amorphous Si/SiC Phototransistors and Photodiodes as Wavelength Selective Devices: Theoretical and Electrical Approaches. Materials Research Society Symposia Proceedings, 2009, 1153, 1.	0.1	8
27	A Simulation Study of Surface Plasmons in Metallic Nanoparticles: Dependence on the Properties of an Embedding a-Si:H Matrix. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700487.	0.8	8
28	Analysis of metallic nanoparticles embedded in thin film semiconductors for optoelectronic applications. Optical and Quantum Electronics, 2018, 50, 1.	1.5	7
29	Large area double p-i-n heterostructure for signal multiplexing and demultiplexing in the visible range. Thin Solid Films, 2009, 517, 6435-6439.	0.8	6
30	Optical processing devices based on a-SiC:H multilayer architectures. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 1184-1187.	0.8	6
31	Dependence of the Lateral Photoeffect in a-Si:H P-I-N Structures on the Material Characteristics Studied by Means of a Numerical Simulation. Materials Research Society Symposia Proceedings, 2002, 715, 771.	0.1	6
32	Bidimensional Numerical Analysis of A $\frac{1}{4}$ c-Si:H P-I-N Photodiode under Local Illumination. Materials Research Society Symposia Proceedings, 1997, 467, 765.	0.1	5
33	LSP image sensors based on SiC heterostructures. Applied Surface Science, 2001, 184, 471-476.	3.1	5
34	Three Transducers Embedded into One Single SiC Photodetector: LSP Direct Image Sensor, Optical Amplifier and Demux Device. , 2011, , .		5
35	A model for the refractive index of amorphous silicon for FDTD simulation of photonics waveguides. , 2017, , .		5
36	Hybrid Nanocomposites of Plasmonic Metal Nanostructures and 2D Nanomaterials for Improved Colorimetric Detection. Chemosensors, 2022, 10, 237.	1.8	5

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37	Sensor element for a metal-insulator-semiconductor camera system (MISCam). Sensors and Actuators A: Physical, 2004, 115, 331-335.	2.0	4
38	Optically addressed read-write device based on tandem heterostructure. Journal of Non-Crystalline Solids, 2004, 338-340, 754-757.	1.5	4
39	A two terminal optical signal and image processing p-n/p-n image and colour sensor. Sensors and Actuators A: Physical, 2005, 123-124, 331-336.	2.0	4
40	Spectral response characterization of a-Si:H-based MIS-type photosensors. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3410-3413.	0.8	4
41	Multilayered a-SiC:H device for Wavelength-Division (de)Multiplexing applications in the visible spectrum. Materials Research Society Symposia Proceedings, 2008, 1066, 1.	0.1	4
42	Capacitive effects in pinpin photodiodes. Microelectronic Engineering, 2013, 108, 195-199.	1.1	4
43	FDTD simulation of amorphous silicon waveguides for microphotronics applications. Proceedings of SPIE, 2017, , .	0.8	4
44	Hydrogenated Amorphous Silicon Speed Sensor Based on the Flying Spot Technique. Materials Research Society Symposia Proceedings, 1995, 377, 839.	0.1	3
45	Transport properties in microcrystalline silicon solar cells under AM1.5 illumination analysed by two-dimensional numerical simulation. Solid-State Electronics, 1999, 43, 1709-1714.	0.8	3
46	Visible-infrared spectral response of microcrystalline hydrogenated silicon hetero-junctions. Vacuum, 1999, 52, 121-124.	1.6	3
47	VIS/NIR detector based on $\frac{1}{4}$ c-Si:H p-n structures. Thin Solid Films, 2000, 364, 204-208.	0.8	3
48	Optical confinement and colour separation in a double colour laser scanned photodiode (D/CLSP). Sensors and Actuators A: Physical, 2004, 114, 219-223.	2.0	3
49	a-SiC:H/a-Si:H tandem photodiodes: a numerical simulation. Sensors and Actuators A: Physical, 2004, 113, 324-328.	2.0	3
50	Semiconductor Device as Optical Demultiplexer for Short Range Optical Communications. Journal of Nanoscience and Nanotechnology, 2011, 11, 5318-5322.	0.9	3
51	Multilayer Architectures Based on a-SiC:H Material: Tunable Wavelength Filters in Optical Processing Devices. Journal of Nanoscience and Nanotechnology, 2011, 11, 5299-5304.	0.9	3
52	Visible range plasmonic effect produced by aluminium nanoparticles embedded in amorphous silicon. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1349-1354.	0.8	3
53	Plasmonic properties of gold nanospheres coupled to reduced graphene oxide for biosensing applications *. , 2019, , .		3
54	Lithographic Mask Defects Analysis on an MMI 3 dB Splitter. Photonics, 2019, 6, 118.	0.9	3

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55	Theory and FDTD simulations of an amorphous silicon planar waveguide structure suitable to be used as a surface plasmon resonance biosensor. <i>Optica Pura Y Aplicada</i> , 2020, 53, 1-8.	0.0	3
56	Simulation of a parallel waveguide array structure suitable for interrogation scheme in a plasmonic biosensor. , 2020, , .		3
57	Transport properties of $\frac{1}{4}$ -Si:H analyzed by means of numerical simulation. <i>Thin Solid Films</i> , 1999, 337, 109-112.	0.8	2
58	Anisotropic Transport in Microcrystalline P-I-N Devices. <i>Materials Research Society Symposia Proceedings</i> , 1999, 557, 549.	0.1	2
59	Bias controlled spectral sensitivity in a-SiC:H "i"n devices. <i>Thin Solid Films</i> , 2003, 427, 196-200.	0.8	2
60	Enhanced short wavelength response in laser-scanned-photodiode image sensor using an a-SiC:H/a-Si:H tandem structure. <i>Sensors and Actuators A: Physical</i> , 2005, 123-124, 343-348.	2.0	2
61	Spice model for a laser scanned photodiode tricolor image sensor. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1813-1817.	1.5	2
62	FDTD Simulation of Light Propagation Inside a-Si:H Structures. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1245, 1.	0.1	2
63	Novel device for implementation of WDM in the visible spectrum. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1438, 55.	0.1	2
64	SiC multilayer photonic structures with self optical bias amplification. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1426, 229-235.	0.1	2
65	DEMUX devices based on a-SiC:H. <i>Sensors and Actuators A: Physical</i> , 2012, 186, 143-147.	2.0	2
66	Integrated photonic filters based on SiC multilayer structures. <i>Applied Surface Science</i> , 2013, 275, 185-192.	3.1	2
67	SiC pinpin photonic filters for linking the visible spectrum to the telecom gap. <i>Microelectronic Engineering</i> , 2014, 126, 179-183.	1.1	2
68	Logic functions based on optical bias controlled SiC tandem devices. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2014, 11, 211-216.	0.8	2
69	Simulation of localized surface plasmon in metallic nanoparticles embedded in amorphous silicon. , 2017, , .		2
70	Fine-grained indoor localization: optical sensing and detection. , 2018, , .		2
71	Spatial microscopic/macroscopic control and modeling of the p.i.n devices stability. , 1995, 2397, 695.		1
72	<title>Numerical simulation of a/uc-Si:H p-i-n photodiode under nonuniform illumination: a 2D transport problem</title>. , 1997, , .		1

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73	<title>Wide-spectral response photodetectors based on microcrystalline hydrogenated silicon thin films</title>., 1997, , .		1
74	Modelling a $\frac{1}{4}$ c-Si:H p-i-n device under non-uniform illumination. Thin Solid Films, 1997, 296, 110-113.	0.8	1
75	Photocurrent in Microcrystalline Hydrogenated Silicon P-I-N Devices. Materials Research Society Symposia Proceedings, 1998, 507, 193.	0.1	1
76	Stacked a-SiC:H Optical Transducers: the Influence of the Sensing Material. Materials Science Forum, 2004, 455-456, 81-85.	0.3	1
77	Tuning the spectral distribution of p α “iâ€“n a-SiC:H devices for colour detection. Sensors and Actuators A: Physical, 2005, 120, 88-93.	2.0	1
78	Spectral Sensitivity and Color Selectivity in Multilayer Stacked Devices. Materials Research Society Symposia Proceedings, 2005, 862, 921.	0.1	1
79	Light filtering in a-SiC:H multilayers stacked devices using the LSP technique. Journal of Non-Crystalline Solids, 2006, 352, 1809-1812.	1.5	1
80	Colour filtering in a-SiC:H based p-i-n-p-i-n cells: A trade-off between bias polarity and absorption regions. Sensors and Actuators A: Physical, 2006, 132, 218-223.	2.0	1
81	Preliminary Results on Large Area X-ray a-SiC:H Multilayer Detectors with Optically Addressed Readout. Materials Research Society Symposia Proceedings, 2007, 989, 2.	0.1	1
82	Photocurrent Profile in a-SiC:H Monolithic Tandem Pinpin and Pinip Photodiodes. Materials Research Society Symposia Proceedings, 2007, 989, 12.	0.1	1
83	Analysis and simulation of a-Si:H/a-SiC:H PINIP structures for color image detection. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2069-2074.	0.8	1
84	Modeling a-SiC:H Tandem Pinpin and Pinip Photodiodes for Color Sensor Application. Journal of Nanoscience and Nanotechnology, 2009, 9, 4028-4033.	0.9	1
85	Photo α €sensing devices using a α €Si based materials. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1079-1082.	0.8	1
86	Reconfigurable SiC Embedded Photonic Structures with Self Optical Bias Control. Plasmonics, 2013, 8, 45-51.	1.8	1
87	Local Surface Plasmon Resonance of metallic nanoparticles embedded in amorphous silicon. Ci \tilde ancia & Tecnologia Dos Materiais, 2017, 29, e146-e150.	0.5	1
88	Characterization of Plasmonic Effects in AuNP+rGO Composite as a Sensing Layer for a Low-cost Lab-on-chip Biosensor. , 2019, , .		1
89	Analysis of the Bias Dependent Spectral Response of a-SiC:H p-i-n Photodiode. Materials Research Society Symposia Proceedings, 2002, 715, 731.	0.1	1
90	Measurement of Photo Capacitance in Amorphous Silicon Photodiodes. IFIP Advances in Information and Communication Technology, 2013, , 547-554.	0.5	1

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91	Optical properties of metal nanoparticles embedded in amorphous silicon analysed using discrete dipole approximation. , 2018, , .		1
92	Indoor positioning and intuitive advertising using visible light communication. , 2019, , .		1
93	Bi-directional VLC LED-assisted navigation system for large indoor environments. , 2019, , .		1
94	Simulation analysis of a thin film semiconductor MMI 3dB splitter operating in the visible range. , 2019, , .		1
95	A simulation analysis for dimensioning of an amorphous silicon planar waveguide structure suitable to be used as a surface plasmon resonance biosensor. , 2019, , .		1
96	Computer simulation study about the dependence of amorphous silicon photonic waveguides efficiency on the material quality. EPJ Applied Physics, 2020, 90, 30502.	0.3	1
97	Comparison of diffusion length measurements from the flying spot technique and the photocarrier grating method in amorphous thin films. , 0, , .		0
98	AD-Layer for Spatial Control of Light Induced Degradation on Pin Devices. Materials Research Society Symposia Proceedings, 1994, 336, 741.	0.1	0
99	a-Si:H optical speed detector based on the flying spot technique. , 0, , .		0
100	Hydrogenated amorphous silicon speed sensor based on the flying spot technique. , 1995, , .		0
101	Amorphous and microcrystalline silicon p-i-n optical speed sensors based on the flying spot technique. Journal of Non-Crystalline Solids, 1996, 198-200, 1193-1197.	1.5	0
102	Influence of the Grain Boundary Band Offset on Charge Transport Mechanism in Microcrystalline Silicon Analysed by Numerical Simulation. Materials Research Society Symposia Proceedings, 2000, 609, 2721.	0.1	0
103	A 3-phase model for VIS/NIR $\frac{1}{4}$ C-Si:H p-i-n detectors. Sensors and Actuators A: Physical, 2000, 85, 175-180.	2.0	0
104	Inhomogeneous transport in microcrystalline p-i-n devices. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 755-764.	0.6	0
105	A three-path model for visible/near infrared $\frac{1}{4}$ C-Si:H p-i-n detectors. Journal of Non-Crystalline Solids, 2000, 266-269, 1223-1227.	1.5	0
106	Photocarrier response time scanner. Journal of Non-Crystalline Solids, 2002, 299-302, 1261-1266.	1.5	0
107	Biometric system based on one single large area a-SiC:H p-i-n photodiode. Materials Research Society Symposia Proceedings, 2002, 722, 1061.	0.1	0
108	Biometric system based on one single large area a-SiC:H p-i-n photodiode. , 0, , .		0

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109	Optical confinement and colour separation in a Double Colour Laser Scanned Photodiode (D/CLSP). , 0, , .		0
110	A real-time optical signal and image processing p-i-n/p-i-n device. Materials Research Society Symposia Proceedings, 2004, 808, 257.	0.1	0
111	High Sensitive Image Sensors Based on a Tandem Laser Scanned Photodiode. Materials Science Forum, 2004, 455-456, 91-95.	0.3	0
112	Large area single and stacked p-i-n photodiodes as a color image sensors. Materials Research Society Symposia Proceedings, 2004, 815, 100.	0.1	0
113	Two terminal large area single and double p-i-n devices for image and color recognition. Materials Research Society Symposia Proceedings, 2004, 808, 251.	0.1	0
114	A non-pixel image reader for continuous image detection based on tandem heterostructures. Sensors and Actuators A: Physical, 2004, 115, 191-195.	2.0	0
115	Fine-Tuning of the Spectral Collection Efficiency in a Multilayer Junction Through the LSP Technique. Materials Research Society Symposia Proceedings, 2005, 872, 1.	0.1	0
116	a-SiC:H/a-Si:H tandem structure analysis for RGB color recognition in LSP devices. Journal of Non-Crystalline Solids, 2006, 352, 1805-1808.	1.5	0
117	Bias sensitive spectral sensitivity in double -SiC:H pin structures. Superlattices and Microstructures, 2006, 40, 619-625.	1.4	0
118	Fine-tuning of the spectral collection efficiency in multilayer junctions. Thin Solid Films, 2006, 511-512, 84-88.	0.8	0
119	Light Filtering Properties in a-SiC:H Multilayer Structures: A SPICE model. Materials Research Society Symposia Proceedings, 2006, 910, 1.	0.1	0
120	Band Gap Engineering and Electrical Field Tailoring for Voltage Controlled Spectral Sensitivity. Materials Research Society Symposia Proceedings, 2006, 910, 2.	0.1	0
121	Multispectral Structures for Imaging Applications. , 2007, , .		0
122	Non-selective optical wavelength-division multiplexing devices based on a-SiC:H multilayer heterostructures. Materials Research Society Symposia Proceedings, 2008, 1076, 1.	0.1	0
123	Improvement in pinpin Device Architectures for Imaging Applications. Materials Research Society Symposia Proceedings, 2008, 1066, 1.	0.1	0
124	New stacked photodevices for signal multiplexing and demultiplexing applications in the visible spectrum. , 2009, , .		0
125	Fine Tuning of the Spectral Sensitivity in a-SiC:H Stacked p-i-n Graded Cells. Materials Research Society Symposia Proceedings, 2009, 1153, 1.	0.1	0
126	Optical Processing Devices for Optical Communications: Multilayered a-SiC:H Architectures. Materials Research Society Symposia Proceedings, 2009, 1153, 1.	0.1	0

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127	a-Si:H "i"n structures with extreme i-layer thickness. Thin Solid Films, 2009, 517, 6426-6429.	0.8	0
128	Stacked pin devices for imaging applications. , 2009, , .		0
129	Photocurrent and Spectral Response Analysis of a-SiC:H Pinip and Pinpin Photodiodes. Journal of Nanoscience and Nanotechnology, 2009, 9, 4254-4258.	0.9	0
130	Reviewing Photo-sensing Devices Using a-SiC Based Materials. Materials Research Society Symposia Proceedings, 2010, 1245, 1.	0.1	0
131	a-SiC:H Based Devices as Optical Demultiplexers. Materials Research Society Symposia Proceedings, 2010, 1246, 1.	0.1	0
132	Light-triggered Silicon-carbon Pi'npin Devices for Optical Communications: Theoretical and Electrical Approaches. Materials Research Society Symposia Proceedings, 2010, 1245, 1.	0.1	0
133	Stacked Photo-Sensing Devices Based on SiC Alloys: A Non-pixelled Architecture for Imagers and Demultiplexing Devices. , 2010, , .		0
134	Detection of Change in Fluorescence Between Reactive Cyan and the Yellow Fluorophores Using a-SiC:H Multilayer Transducers. Journal of Nanoscience and Nanotechnology, 2011, 11, 8657-8662.	0.9	0
135	Light-triggered silicon-carbon pi'npin devices with self amplification. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1083-1086.	0.8	0
136	Optical bias controlled amplification in tandem Si-C pinpin devices. Materials Research Society Symposia Proceedings, 2011, 1321, 417.	0.1	0
137	Add/drop filters based on SiC technology for optical interconnects. IOP Conference Series: Materials Science and Engineering, 2014, 56, 012008.	0.3	0
138	VIS/NIR wavelength selector based on a multilayer pi'n/pin a-SiC:H optical filter. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1387-1392.	0.8	0
139	Numerical simulation of plasmonic effects in amorphous silicon induced by embedded aluminium nanoparticles. , 2015, , .		0
140	Switching characteristic and capacitance analysis of a-Si:H pinpin photodiodes for visible range telecommunications. , 2016, , .		0
141	Characterization of AuNPs+rGO as a functionalized layer for LSPR sensors. Materials Letters: X, 2020, 5, 100032.	0.3	0
142	Wavelength Selective a-SiC:H p-i-n/p-i-n Heterostructure for Fluorescent Proteins Detection. Sensor Letters, 2010, 8, 413-418.	0.4	0
143	Simulation in Amorphous Silicon and Amorphous Silicon Carbide Pin Diodes. IFIP Advances in Information and Communication Technology, 2014, , 602-609.	0.5	0
144	Visible light communication and indoor positioning using a-SiCH device as receiver. , 2017, , .		0

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145	Electromagnetic simulation of amorphous silicon waveguides. , 2017, , .		0
146	FDTD analysis of Aluminum/a-Si:H surface plasmon waveguides. , 2018, , .		0
147	Visible light communication technology for fine-grained indoor localization. , 2018, , .		0
148	Finite-difference time-domain analysis of hydrogenated amorphous silicon and aluminum surface plasmon waveguides. Optical Engineering, 2018, 57, 1.	0.5	0
149	Indoor wayfinding using visible light communication. , 2020, , .		0
150	Thin Film Refractive Index and Thickness. IFIP Advances in Information and Communication Technology, 2020, , 179-188.	0.5	0
151	An indium-oxide electrode with discontinuous Au layers for plasmonic devices. , 2020, , .		0
152	Wayfinding in complex buildings using visible light communication. , 2020, , .		0
153	Surface plasmon resonance sensing structure. , 2020, , .		0
154	Optimisation of a plasmonic parallel waveguide sensor based on amorphous silicon compounds. , 2020, , .		0
155	Silicon nitride based devices: lithographic mask roughness mitigation. , 2020, , .		0
156	Multichannel detector system for surface plasmon resonance biosensors. , 2022, , .		0
157	Navigation, routing and geolocation through visible light communication. , 2022, , .		0
158	Cooperative self-localization and wayfinding services through visible light communication. , 2022, , .		0
159	Multi-micron dimensioning of amorphous silicon rib waveguides. , 2022, , .		0