

Jean Jacques Delaunay

List of Publications by Year in descending order

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142
papers

3,804
citations

147801

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h-index

144013

57
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all docs

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docs citations

142
times ranked

5872
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering graphene and TMDs based van der Waals heterostructures for photovoltaic and photoelectrochemical solar energy conversion. <i>Chemical Society Reviews</i> , 2018, 47, 4981-5037.	38.1	344
2	Efficient Assembly of Bridged Ga_2O_3 Nanowires for Solar-Blind Photodetection. <i>Advanced Functional Materials</i> , 2010, 20, 3972-3978.	14.9	292
3	Competitive surface effects of oxygen and water on UV photoresponse of ZnO nanowires. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	218
4	Positive onset potential and stability of Cu_2O -based photocathodes in water splitting by atomic layer deposition of a Ga_2O_3 buffer layer. <i>Energy and Environmental Science</i> , 2015, 8, 1493-1500.	30.8	196
5	High-performance UV detector made of ultra-long ZnO bridging nanowires. <i>Nanotechnology</i> , 2009, 20, 045501.	2.6	192
6	Plasma-Induced Oxygen Vacancies in Ultrathin Hematite Nanoflakes Promoting Photoelectrochemical Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22355-22363.	8.0	162
7	Earth-abundant Cu-based metal oxide photocathodes for photoelectrochemical water splitting. <i>Energy and Environmental Science</i> , 2020, 13, 3269-3306.	30.8	141
8	Defect-Rich NiCeO_x Electrocatalyst with Ultrahigh Stability and Low Overpotential for Water Oxidation. <i>ACS Catalysis</i> , 2019, 9, 1605-1611.	11.2	113
9	A Novel Method to Synthesize Highly Photoactive Cu_2O Microcrystalline Films for Use in Photoelectrochemical Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 480-486.	8.0	107
10	ZnO - ZnGa_2O_4 core-shell nanowire array for stable photoelectrochemical water splitting. <i>Nanoscale</i> , 2012, 4, 1509-1514.	5.6	77
11	A conductive ZnO - ZnGaON nanowire-array-on-a-film photoanode for stable and efficient sunlight water splitting. <i>Energy and Environmental Science</i> , 2014, 7, 1693.	30.8	75
12	Narrowband Thermal Emission Realized through the Coupling of Cavity and Tamm Plasmon Resonances. <i>ACS Photonics</i> , 2018, 5, 2446-2452.	6.6	74
13	Solution-processed CuSbS_2 thin film: A promising earth-abundant photocathode for efficient visible-light-driven hydrogen evolution. <i>Nano Energy</i> , 2016, 28, 135-142.	16.0	70
14	Oxygen-deficient WO_3 @ TiO_2 core-shell nanosheets for efficient photoelectrochemical oxidation of neutral water solutions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14697-14706.	10.3	68
15	Wearable Eating Habit Sensing System Using Internal Body Sound. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2010, 4, 158-166.	0.7	54
16	CuO nanowire/microflower/nanowire modified Cu electrode with enhanced electrochemical performance for non-enzymatic glucose sensing. <i>Nanotechnology</i> , 2015, 26, 305503.	2.6	50
17	Mid-Infrared Plasmonic Resonances in 2D VO_2 Nanosquare Arrays. <i>Advanced Optical Materials</i> , 2015, 3, 1759-1767.	7.3	48
18	Ultranarrow and Wavelength-Tunable Thermal Emission in a Hybrid Metal-Optical Tamm State Structure. <i>ACS Photonics</i> , 2020, 7, 1569-1576.	6.6	47

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19	Fabrication of three-dimensional network of ZnO tetrapods and its response to ethanol. <i>Materials Chemistry and Physics</i> , 2007, 104, 141-145.	4.0	46
20	Insights into the efficiency and stability of Cu-based nanowires for electrocatalytic oxygen evolution. <i>Nano Research</i> , 2018, 11, 4323-4332.	10.4	44
21	Multifunctional Effect of <i>p</i> -Doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotube-Based Silicon Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 1902389.	19.5	40
22	Bascule nanobridges self-assembled with ZnO nanowires as double Schottky barrier UV switches. <i>Nanotechnology</i> , 2010, 21, 295502.	2.6	38
23	Gold nanoparticles decorated Ag(Cl,Br) micro-necklaces for efficient and stable SERS detection and visible-light photocatalytic degradation of Sudan I. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 607-616.	20.2	35
24	Kinetics of Water Vapor Adsorption and Desorption in MIL-101 Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2019, 123, 387-398.	3.1	35
25	Micro-fabricated semi-packed column for gas chromatography by using functionalized parylene as a stationary phase. <i>Journal of Micromechanics and Microengineering</i> , 2009, 19, 065032.	2.6	34
26	Pulsed electrophoretic deposition of nanographitic flake-nanostructured Co ₃ O ₄ layers for efficient lithium-ion-battery anode. <i>Journal of Alloys and Compounds</i> , 2019, 805, 924-933.	5.5	34
27	Simultaneous enhancement of photovoltage and charge transfer in Cu ₂ O-based photocathode using buffer and protective layers. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	33
28	Electrical tuning of metal-insulator-metal metasurface with electro-optic polymer. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	33
29	Hot-electron photodetector with wavelength selectivity in near-infrared <i>via</i> Tamm plasmon. <i>Nanoscale</i> , 2019, 11, 17407-17414.	5.6	33
30	Nanoporous CuO layer modified Cu electrode for high performance enzymatic and non-enzymatic glucose sensing. <i>Nanotechnology</i> , 2015, 26, 015503.	2.6	32
31	Oxygen-vacancy-induced photoelectrochemical water oxidation by platelike tungsten oxide photoanodes prepared under acid-mediated hydrothermal treatment conditions. <i>RSC Advances</i> , 2017, 7, 26992-27000.	3.6	32
32	Effect of Pt decoration on the gas response of ZnO nanoparticles. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1297-1300.	0.8	29
33	Single-Step Electrophoretic Deposition of Non-noble Metal Catalyst Layer with Low Onset Voltage for Ethanol Electro-oxidation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15975-15984.	8.0	29
34	Continuous Blood Pressure Monitoring in Daily Life. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2010, 4, 179-186.	0.7	28
35	Optical hydrogen detection with periodic subwavelength palladium hole arrays. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	26
36	High resolution reflection tomographic diffractive microscopy. <i>Journal of Modern Optics</i> , 2010, 57, 740-745.	1.3	25

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37	ZnO dense nanowire array on a film structure in a single crystal domain texture for optical and photoelectrochemical applications. <i>Nanotechnology</i> , 2012, 23, 495602.	2.6	25
38	Improvement of the solar cell efficiency by the ZnO nanoparticle layer via the down-shifting effect. <i>Microelectronic Engineering</i> , 2014, 127, 51-56.	2.4	25
39	Efficient photoelectrochemical water oxidation enabled by an amorphous metal oxide-catalyzed graphene/silicon heterojunction photoanode. <i>Sustainable Energy and Fuels</i> , 2018, 2, 663-672.	4.9	25
40	Ultrafast self-assembly of silver nanostructures on carbon-coated copper grids for surface-enhanced Raman scattering detection of trace melamine. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 23-28.	9.4	23
41	Metallic Nanowire Coupled CsPbBr ₃ Quantum Dots Plasmonic Nanolaser. <i>Advanced Functional Materials</i> , 2021, 31, 2102375.	14.9	23
42	Hollow Plasmonic U-shaped Cavities with High Aspect Ratio Nanofins Sustaining Strong Optical Vortices for Light Trapping and Sensing. <i>Advanced Optical Materials</i> , 2014, 2, 522-528.	7.3	22
43	Plasmonic Hot-Carriers in Channel-Coupled Nanogap Structure for Metal-Semiconductor Barrier Modulation and Spectral-Selective Plasmonic Monitoring. <i>ACS Photonics</i> , 2018, 5, 2617-2623.	6.6	22
44	Diffraction microtomography with sample rotation: influence of a missing apple core in the recorded frequency space. <i>Open Physics</i> , 2009, 7, .	1.7	21
45	Facile and Large-Area Preparation of Porous Ag ₃ PO ₄ Photoanodes for Enhanced Photoelectrochemical Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19507-19512.	8.0	21
46	Ethanol electro-oxidation on nanoworm-shaped Pd particles supported by nanographitic layers fabricated by electrophoretic deposition. <i>RSC Advances</i> , 2015, 5, 52578-52587.	3.6	20
47	Fabrication, characterization, and high temperature surface enhanced Raman spectroscopic performance of SiO ₂ coated silver particles. <i>Nanoscale</i> , 2018, 10, 5449-5456.	5.6	20
48	Narrowband thermal emission from Tamm plasmons of a modified distributed Bragg reflector. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	20
49	Spectrally selective photodetection in the near-infrared with a gold grating-based hot electron structure. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	20
50	Spectrally Selective Photocapacitance Modulation in Plasmonic Nanochannels for Infrared Imaging. <i>Nano Letters</i> , 2016, 16, 3094-3100.	9.1	19
51	Optically Pumped Hybrid Plasmonic-Photonic Waveguide Modulator Using the VO ₂ Metal-Insulator Phase Transition. <i>IEEE Photonics Journal</i> , 2018, 10, 1-9.	2.0	19
52	Improved and isotropic resolution in tomographic diffractive microscopy combining sample and illumination rotation. <i>Open Physics</i> , 2011, 9, 969-974.	1.7	18
53	On-Chip Monolithically Fabricated Plasmonic-Waveguide Nanolaser. <i>Nano Letters</i> , 2018, 18, 7769-7776.	9.1	18
54	High-Q and Tailorable Fano Resonances in a One-Dimensional Metal-Optical Tamm State Structure: From a Narrowband Perfect Absorber to a Narrowband Perfect Reflector. <i>Advanced Functional Materials</i> , 2021, 31, 2102183.	14.9	18

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55	Analysis of the Water Adsorption Mechanism in Metal-Organic Framework MIL-101(Cr) by Molecular Simulations. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26755-26769.	3.1	18
56	Two-pair multilayer Bloch surface wave platform in the near- and mid-infrared regions. <i>Applied Physics Letters</i> , 2019, 115, 091102.	3.3	17
57	Sensitivity to refractive index of high-aspect-ratio nanofins with optical vortex. <i>Nanotechnology</i> , 2012, 23, 505502.	2.6	16
58	Gap Plasmons Multiple Mirroring from Spheres in Pyramids for Surface-Enhanced Raman Scattering. <i>ACS Photonics</i> , 2016, 3, 2405-2412.	6.6	15
59	Water Confined in MIL-101(Cr): Unique Sorption-Desorption Behaviors Revealed by Diffuse Reflectance Infrared Spectroscopy and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17786-17795.	3.1	15
60	Investigation of luminescent properties of ZnO nanoparticles for their use as a downshifting layer on solar cells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1301-1307.	0.8	14
61	Fabrication of highly ordered Ta ₂ O ₅ and Ta ₃ N ₅ nanorod arrays by nanoimprinting and through-mask anodization. <i>Nanotechnology</i> , 2014, 25, 014013.	2.6	14
62	Formation of NiO nanoparticle-attached nanographitic flake layers deposited by pulsed electrophoretic deposition for ethanol electro-oxidation. <i>Journal of Alloys and Compounds</i> , 2017, 698, 571-576.	5.5	14
63	Ethylene glycol assisted solvo-hydrothermal synthesis of NGr-Co ₃ O ₄ nanostructures for ethanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 30357-30366.	7.1	14
64	Micro Gas Preconcentrator Made of a Film of Single-Walled Carbon Nanotubes. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2010, 130, 207-211.	0.1	14
65	Stability of hydrogen incorporated in ZnO nanowires by plasma treatment. <i>Nanotechnology</i> , 2011, 22, 435703.	2.6	13
66	Molecular dynamics study of water confined in MIL-101 metal-organic frameworks. <i>Journal of Chemical Physics</i> , 2021, 154, 144503.	3.0	13
67	Sensitive Oligonucleotide Detection Using Resonant Coupling between Fano Resonance and Image Dipoles of Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14012-14024.	8.0	13
68	Side-by-side comparison of automatic pollen counters for use in pollen information systems. <i>Annals of Allergy, Asthma and Immunology</i> , 2007, 98, 553-558.	1.0	12
69	Vertically aligned ZnO-ZnGa ₂ O ₄ core-shell nanowires: from synthesis to optical properties. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	12
70	Coupling of localized surface plasmons to U-shaped cavities for high-sensitivity and miniaturized detectors. <i>Optics Express</i> , 2013, 21, 1531.	3.4	12
71	Plasmonic nanochannel structure for narrow-band selective thermal emitter. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	12
72	Light Switching with a Metal-Free Chiral-Sensitive Metasurface at Telecommunication Wavelengths. <i>ACS Photonics</i> , 2020, 7, 2915-2922.	6.6	12

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73	Plasmonic Hybrid Cavity-Channel Structure for Tunable Narrow-Band Optical Absorption. IEEE Photonics Technology Letters, 2014, 26, 1979-1982.	2.5	11
74	Photoinduced Metal-Like Phase of VO ₂ with Subns Recovery. ACS Photonics, 2020, 7, 2395-2404.	6.6	11
75	EFFICIENT ULTRAVIOLET LIGHT FREQUENCY DOWN-SHIFTING BY A THIN FILM OF ZnO NANOPARTICLES. International Journal of Nanoscience, 2012, 11, 1240022.	0.7	10
76	Enhancing Detection Sensitivity of ZnO-Based Infrared Plasmonic Sensors Using Capped Dielectric Ga ₂ O ₃ Layers for Real-Time Monitoring of Biological Interactions. ACS Applied Bio Materials, 2020, 3, 6331-6342.	4.6	9
77	Modulating Ni/Ce Ratio in Ni _y Ce _{100-y} O _x Electrocatalysts for Enhanced Water Oxidation. Nanomaterials, 2021, 11, 437.	4.1	9
78	Integration of on-chip perovskite nanocrystal laser and long-range surface plasmon polariton waveguide with etching-free process. Nanoscale, 2022, 14, 10075-10081.	5.6	9
79	Tomographic observation of transparent objects under coherent illumination and reconstruction by filtered backprojection and Fourier diffraction theorem. , 2008, , .		8
80	Carbon Nanotube Stationary Phase in a Microfabricated Column for High-Performance Gas Chromatography. , 2009, , .		8
81	Hole shape effect induced optical response to permittivity change in palladium sub-wavelength hole arrays upon hydrogen exposure. Journal of Applied Physics, 2012, 111, 084502.	2.5	8
82	Effective light concentration in gold short nanosphere chain on platinum mirror for surface-enhanced Raman scattering. Applied Physics Letters, 2014, 105, 121114.	3.3	8
83	Unusual effects of vacuum annealing on large-area Ag ₃ PO ₄ microcrystalline film photoanode boosting cocatalyst- and scavenger-free water splitting. Journal of Materiomics, 2021, 7, 929-939.	5.7	8
84	Optical projection microtomography of transparent objects. , 2007, , .		7
85	Independent light-trapping cavity for ultra-sensitive plasmonic sensing. Applied Physics Letters, 2014, 105, 061112.	3.3	7
86	Photoelectrochemical water oxidation performance promoted by a cupric oxide-hematite heterojunction photoanode. International Journal of Hydrogen Energy, 2020, 45, 33102-33110.	7.1	7
87	Magnetic Thin Films of Cobalt Nanocrystals Encapsulated in Graphite-Like Carbon. Materials Research Society Symposia Proceedings, 1997, 475, 33.	0.1	6
88	Discrimination of eating habits with a wearable bone conduction sound recorder system. , 2009, , .		6
89	Plasmon focusing in short gold sphere nanochains for surface-enhanced Raman scattering. Applied Optics, 2013, 52, 8809.	1.8	6
90	Lithographic in-mold patterning for CsPbBr ₃ nanocrystals distributed Bragg reflector single-mode laser. Nanoscale, 2021, 13, 15830-15836.	5.6	6

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91	Hydrogen detection with subwavelength palladium hole arrays. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2009, 8, 021140.	0.9	5
92	Diffraction microtomography with sample rotation: primary result on the influence of a missing apple core in the recorded frequency space. , 2009, , .		5
93	Pulse electropolymerization synthesis of PPy(DBS) nanoparticle layers. Journal of Solid State Electrochemistry, 2015, 19, 655-661.	2.5	5
94	Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths. Advanced Optical Materials, 2021, 9, 2101474.	7.3	5
95	Aluminum-black silicon plasmonic nano-eggs structure for deep-UV surface-enhanced resonance Raman spectroscopy. Applied Physics Letters, 2022, 120, 051102.	3.3	5
96	Investigation of short-range cedar pollen forecasting. Physical Review E, 2004, 70, 066214.	2.1	4
97	Continuous blood pressure measurement in daily activities. , 2009, , .		4
98	Effect of micropillar density on separation efficiency of semi-packed micro gas chromatographic columns. , 2009, , .		4
99	Progress Toward Nanowire Device Assembly Technology. , 2010, , .		4
100	Combination of an Axicon Fiber Tip and a Camera Device into a Sensitive Refractive Index Sensor. Sensors, 2019, 19, 4911.	3.8	4
101	Real-Time Monitoring of Frost/Defrost Processes Using a Tapered Optical Fiber. IEEE Sensors Journal, 2021, 21, 6188-6194.	4.7	4
102	Thresholdless behavior and linearity of the optically induced metallization of NbO ₂ . Physical Review Research, 2019, 1, .	3.6	4
103	Effect of hydrogen plasma treatment on the luminescence and photoconductive properties of ZnO nanowires. Materials Research Society Symposia Proceedings, 2009, 1206, 130301.	0.1	3
104	Loop-Turn Optical Flows with Spectral Selectivity in Suspended Plasmonic Nanofin-Cavity Structure. ACS Photonics, 2015, 2, 730-737.	6.6	3
105	Plasmonic tooth-multilayer structure with high enhancement field for surface enhanced Raman spectroscopy. Nanotechnology, 2017, 28, 125206.	2.6	3
106	Enhancing Raman signals from bacteria using dielectrophoretic force between conductive lensed fiber and black silicon. Biosensors and Bioelectronics, 2021, 191, 113463.	10.1	3
107	Near-Zero-Index Slabs on Bloch Surface Wave Platform for Long-Range Directional Couplers and Optical Logic Gates. ACS Nano, 2022, 16, 2224-2232.	14.6	3
108	Enhancement of Gas Response of ZnO Micro-Nano Structured Layers through Plasma Treatment. Advanced Materials Research, 0, 47-50, 634-637.	0.3	2

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109	Analysis of hydrogen exposure effects on the transmittance of periodic sub-wavelength palladium hole arrays. Proceedings of SPIE, 2009, , .	0.8	2
110	Evaluation of Resonance Characteristics Change of Silicon Resonators Due to Surface Treatment. Japanese Journal of Applied Physics, 2010, 49, 06GN13.	1.5	2
111	Hydrogen absorption effects on the transmittance of sub-wavelength palladium hole arrays with different thicknesses. Proceedings of SPIE, 2011, , .	0.8	2
112	Sub-wavelength palladium antenna arrays for hydrogen optical detection in the infrared region. Japanese Journal of Applied Physics, 2014, 53, 037001.	1.5	2
113	Light Trapping in Finite Arrays of Metallic U-Shaped Cavities for Sensing With High Figures of Merit. IEEE Photonics Technology Letters, 2014, 26, 1645-1648.	2.5	2
114	High sensitivity refractive index sensing with strong light confinement in high-aspect-ratio U-cavity arrays. Sensors and Actuators B: Chemical, 2014, 202, 137-143.	7.8	2
115	Fluid-controlled tunable infrared filtering in hollow plasmonic nanofin cavities. Nanotechnology, 2016, 27, 425202.	2.6	2
116	Sensitive Handheld Refractometer by Using Combination of a Tapered Fiber Tip and a Multimode Fiber. Journal of Lightwave Technology, 2021, 39, 4179-4185.	4.6	2
117	Analysis of cedar pollen time series: no evidence of low-dimensional chaotic behavior. International Journal of Biometeorology, 2006, 50, 154-158.	3.0	1
118	Fabrication of ZnO Bridging Nanowire Device by a Single-Step Chemical Vapor Deposition Method. Materials Research Society Symposia Proceedings, 2008, 1144, 1.	0.1	1
119	Recognition of Bread Key Odorants by Using Polymer Coated QCMs. IEJ Transactions on Sensors and Micromachines, 2008, 128, 97-101.	0.1	1
120	Evaluation of adsorption capacity of single-walled carbon nanotubes for application to micro gas preconcentrators. , 2010, , .		1
121	Comparison of resolution in tomographic diffractive microscopy using combinations of sample rotation and illumination rotation. Proceedings of SPIE, 2011, , .	0.8	1
122	A 3D metallic structure array for refractive index sensing with optical vortex. , 2013, , .		1
123	Plasmonics: Hollow Plasmonic U-shaped Cavities with High-aspect-ratio Nanofins Sustaining Strong Optical	7.3	1
124	Silicon Solar Cells: Multifunctional Effect of p-doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotube-based Silicon Solar Cells (Adv. Energy) Tj ETQq0 010.5gBT /Overlock 10	0.1	1
125	Hot electron photodetection with spectral selectivity in the C-band using a silicon channel-separated gold grating structure. Nano Express, 2020, 1, 010015.	2.4	1
126	Hydrogen Sensing with a Rectangular Lattice of Sub-Wavelength Holes in Palladium. IEJ Transactions on Sensors and Micromachines, 2010, 130, 317-320.	0.1	1

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127	Self-Assembled Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Electron Carrier Photodetector at Telecommunications Wavelengths (Advanced Optical Materials 24/2021). Advanced Optical Materials, 2021, 9, .	7.3	1
128	Three-dimensional network of ZnO tetrapods for use in gas sensing. , 2006, 6413, 32.		0
129	BIO-05 CONTINUOUS BLOOD PRESSURE MONITORING IN DAILY LIFE(Bio-medical Equipments II,Technical) Tj ETQq1 1 0.784314 rgBT Micromechatronics for Information and Precision Equipment IIP/ISPS Joint MIPE, 2009, 2009, 223-224.	0.0	0
130	BIO-04 WEARABLE EATING HABIT SENSING USING SOUND INFORMATION(Bio-medical Equipments) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Micromechatronics for Information and Precision Equipment IIP/ISPS Joint MIPE, 2009, 2009, 221-222.	0.0	0
131	Bridging wide bandgap nanowires for ultraviolet light detection. , 2011, , .		0
132	Morphological evolution of large-scale vertically aligned ZnO nanowires and their photoluminescence properties by hydrogen plasma treatment. Materials Research Society Symposia Proceedings, 2011, 1302, 8101.	0.1	0
133	Spectroscopic determination of the flatband potential and carrier density of ZnO nanowire array with/without hydrogen plasma treatment. Proceedings of SPIE, 2012, , .	0.8	0
134	Array of subwavelength rectangular structures in palladium for optical hydrogen detection. Proceedings of SPIE, 2012, , .	0.8	0
135	Electric field design of metallic sub-wavelength hole arrays for optical permittivity sensing. , 2012, , .		0
136	Nanowires on a Film for Photoelectrochemical Water Splitting. , 2012, , .		0
137	Localized surface plasmons coupled in U-shaped nano-cavity with high sensitivity. , 2013, , .		0
138	The influence of the thickness of nanographitic coatings fabricated by electrophoretic deposition on ethanol electro-oxidation. , 2016, , .		0
139	Angular dependent optical wavelength selection in hybrid cavity-channel structure by coupled plasmon resonance. , 2016, , .		0
140	Narrow-band plasmonic thermal emitter using plasmonic nanochannel structure. , 2017, , .		0
141	Experimental Demonstration of Surface-Normal MIM Modulator with Electro-Optic Polymer. , 2018, , .		0
142	22pm1-F3 Lamellar-like metallic structures for surface enhanced Raman scattering. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2014, 2014.6, _22pm1-F3-_22pm1-F3-.	0.0	0