

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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142
all docs

142
docs citations

142
times ranked

5872
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum-black silicon plasmonic nano-eggs structure for deep-UV surface-enhanced resonance Raman spectroscopy. Applied Physics Letters, 2022, 120, 051102.	3.3	5
2	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
3	Sensitive Oligonucleotide Detection Using Resonant Coupling between Fano Resonance and Image Dipoles of Gold Nanoparticles. ACS Applied Materials & Interfaces, 2022, 14, 14012-14024.	8.0	13
4	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
5	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
6	Modulating Ni/Ce Ratio in Ni ₂ Ce _{100-x} O _x Electrocatalysts for Enhanced Water Oxidation. Nanomaterials, 2021, 11, 437.	4.1	9
7	Real-Time Monitoring of Frost/Defrost Processes Using a Tapered Optical Fiber. IEEE Sensors Journal, 2021, 21, 6188-6194.	4.7	4
8	Metallic Nanowire Coupled CsPbBr ₃ Quantum Dots Plasmonic Nanolaser. Advanced Functional Materials, 2021, 31, 2102375.	14.9	23
9	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. Advanced Functional Materials, 2021, 31, 2102183.	14.9	18
10	Molecular dynamics study of water confined in MIL-101 metal-organic frameworks. Journal of Chemical Physics, 2021, 154, 144503.	3.0	13
11	Water Confined in MIL-101(Cr): Unique Sorption-Desorption Behaviors Revealed by Diffuse Reflectance Infrared Spectroscopy and Molecular Dynamics Simulation. Journal of Physical Chemistry C, 2021, 125, 17786-17795.	3.1	15
12	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
13	Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths. Advanced Optical Materials, 2021, 9, 2101474.	7.3	5
14	Enhancing Raman signals from bacteria using dielectrophoretic force between conductive lensed fiber and black silicon. Biosensors and Bioelectronics, 2021, 191, 113463.	10.1	3
15	Lithographic in-mold patterning for CsPbBr ₃ nanocrystals distributed Bragg reflector single-mode laser. Nanoscale, 2021, 13, 15830-15836.	5.6	6
16	Analysis of the Water Adsorption Mechanism in Metal-Organic Framework MIL-101(Cr) by Molecular Simulations. Journal of Physical Chemistry C, 2021, 125, 26755-26769.	3.1	18
17	Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths (Advanced Optical Materials 24/2021). Advanced Optical Materials, 2021, 9, .	7.3	1
18	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 0.0.5gBT /Overlock 10		

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19	Multifunctional Effect of p-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
20	Photoelectrochemical water oxidation performance promoted by a cupric oxide-hematite heterojunction photoanode. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33102-33110.	7.1	7
21	Light Switching with a Metal-Free Chiral-Sensitive Metasurface at Telecommunication Wavelengths. <i>ACS Photonics</i> , 2020, 7, 2915-2922.	6.6	12
22	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
23	Photoinduced Metal-Like Phase of VO ₂ with Subns Recovery. <i>ACS Photonics</i> , 2020, 7, 2395-2404.	6.6	11
24	Enhancing Detection Sensitivity of ZnO-Based Infrared Plasmonic Sensors Using Capped Dielectric Ga ₂ O ₃ Layers for Real-Time Monitoring of Biological Interactions. <i>ACS Applied Bio Materials</i> , 2020, 3, 6331-6342.	4.6	9
25	Earth-abundant Cu-based metal oxide photocathodes for photoelectrochemical water splitting. <i>Energy and Environmental Science</i> , 2020, 13, 3269-3306.	30.8	141
26	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
27	Hot electron photodetection with spectral selectivity in the C-band using a silicon channel-separated gold grating structure. <i>Nano Express</i> , 2020, 1, 010015.	2.4	1
28	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
29	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
30	Hot-electron photodetector with wavelength selectivity in near-infrared Tamm plasmon. <i>Nanoscale</i> , 2019, 11, 17407-17414.	5.6	33
31	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
32	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
33	Combination of an Axicon Fiber Tip and a Camera Device into a Sensitive Refractive Index Sensor. <i>Sensors</i> , 2019, 19, 4911.	3.8	4
34	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
35	Thresholdless behavior and linearity of the optically induced metallization of NbO ₂ . <i>Physical Review Research</i> , 2019, 1, .	3.6	4
36	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

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37	Narrowband Thermal Emission Realized through the Coupling of Cavity and Tamm Plasmon Resonances. ACS Photonics, 2018, 5, 2446-2452.	6.6	74
38	Fabrication, characterization, and high temperature surface enhanced Raman spectroscopic performance of SiO ₂ coated silver particles. Nanoscale, 2018, 10, 5449-5456.	5.6	20
39	Optically Pumped Hybrid Plasmonic-Photonic Waveguide Modulator Using the VO ₂ Metal-Insulator Phase Transition. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	19
40	Efficient photoelectrochemical water oxidation enabled by an amorphous metal oxide-catalyzed graphene/silicon heterojunction photoanode. Sustainable Energy and Fuels, 2018, 2, 663-672.	4.9	25
41	Insights into the efficiency and stability of Cu-based nanowires for electrocatalytic oxygen evolution. Nano Research, 2018, 11, 4323-4332.	10.4	44
42	Experimental Demonstration of Surface-Normal MIM Modulator with Electro-Optic Polymer. , 2018, , .		0
43	On-Chip Monolithically Fabricated Plasmonic-Waveguide Nanolaser. Nano Letters, 2018, 18, 7769-7776.	9.1	18
44	Electrical tuning of metal-insulator-metal metasurface with electro-optic polymer. Applied Physics Letters, 2018, 113, .	3.3	33
45	Narrowband thermal emission from Tamm plasmons of a modified distributed Bragg reflector. Applied Physics Letters, 2018, 113, .	3.3	20
46	Engineering graphene and TMDs based van der Waals heterostructures for photovoltaic and photoelectrochemical solar energy conversion. Chemical Society Reviews, 2018, 47, 4981-5037.	38.1	344
47	Plasmonic tooth-multilayer structure with high enhancement field for surface enhanced Raman spectroscopy. Nanotechnology, 2017, 28, 125206.	2.6	3
48	Oxygen-deficient WO ₃ @TiO ₂ core-shell nanosheets for efficient photoelectrochemical oxidation of neutral water solutions. Journal of Materials Chemistry A, 2017, 5, 14697-14706.	10.3	68
49	Oxygen-vacancy-induced photoelectrochemical water oxidation by platelike tungsten oxide photoanodes prepared under acid-mediated hydrothermal treatment conditions. RSC Advances, 2017, 7, 26992-27000.	3.6	32
50	Facile and Large-Area Preparation of Porous Ag ₃ PO ₄ Photoanodes for Enhanced Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2017, 9, 19507-19512.	8.0	21
51	Formation of NiO nanoparticle-attached nanographitic flake layers deposited by pulsed electrophoretic deposition for ethanol electro-oxidation. Journal of Alloys and Compounds, 2017, 698, 571-576.	5.5	14
52	Plasmonic nanochannel structure for narrow-band selective thermal emitter. Applied Physics Letters, 2017, 110, .	3.3	12
53	Ultrafast self-assembly of silver nanostructures on carbon-coated copper grids for surface-enhanced Raman scattering detection of trace melamine. Journal of Colloid and Interface Science, 2017, 490, 23-28.	9.4	23
54	Gold nanoparticles decorated Ag(Cl,Br) micro-necklaces for efficient and stable SERS detection and visible-light photocatalytic degradation of Sudan I. Applied Catalysis B: Environmental, 2017, 201, 607-616.	20.2	35

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55	Narrow-band plasmonic thermal emitter using plasmonic nanochannel structure. , 2017, , .		0
56	The influence of the thickness of nanographitic coatings fabricated by electrophoretic deposition on ethanol electro-oxidation. , 2016, , .		0
57	Gap Plasmons Multiple Mirroring from Spheres in Pyramids for Surface-Enhanced Raman Scattering. ACS Photonics, 2016, 3, 2405-2412.	6.6	15
58	Angular dependent optical wavelength selection in hybrid cavity-channel structure by coupled plasmon resonance. , 2016, , .		0
59	Simultaneous enhancement of photovoltage and charge transfer in Cu ₂ O-based photocathode using buffer and protective layers. Applied Physics Letters, 2016, 109, .	3.3	33
60	Fluid-controlled tunable infrared filtering in hollow plasmonic nanofin cavities. Nanotechnology, 2016, 27, 425202.	2.6	2
61	Spectrally Selective Photocapacitance Modulation in Plasmonic Nanochannels for Infrared Imaging. Nano Letters, 2016, 16, 3094-3100.	9.1	19
62	Solution-processed CuSbS ₂ thin film: A promising earth-abundant photocathode for efficient visible-light-driven hydrogen evolution. Nano Energy, 2016, 28, 135-142.	16.0	70
63	Single-Step Electrophoretic Deposition of Non-noble Metal Catalyst Layer with Low Onset Voltage for Ethanol Electro-oxidation. ACS Applied Materials & Interfaces, 2016, 8, 15975-15984.	8.0	29
64	Mid-Infrared Plasmonic Resonances in 2D VO ₂ Nanosquare Arrays. Advanced Optical Materials, 2015, 3, 1759-1767.	7.3	48
65	Pulse electropolymerization synthesis of PPy(DBS) nanoparticle layers. Journal of Solid State Electrochemistry, 2015, 19, 655-661.	2.5	5
66	Nanoporous CuO layer modified Cu electrode for high performance enzymatic and non-enzymatic glucose sensing. Nanotechnology, 2015, 26, 015503.	2.6	32
67	Positive onset potential and stability of Cu ₂ O-based photocathodes in water splitting by atomic layer deposition of a Ga ₂ O ₃ buffer layer. Energy and Environmental Science, 2015, 8, 1493-1500.	30.8	196
68	CuO nanowire/microflower/nanowire modified Cu electrode with enhanced electrochemical performance for non-enzymatic glucose sensing. Nanotechnology, 2015, 26, 305503.	2.6	50
69	Ethanol electro-oxidation on nanoworm-shaped Pd particles supported by nanographitic layers fabricated by electrophoretic deposition. RSC Advances, 2015, 5, 52578-52587.	3.6	20
70	Loop-Turn Optical Flows with Spectral Selectivity in Suspended Plasmonic Nanofin-Cavity Structure. ACS Photonics, 2015, 2, 730-737.	6.6	3
71	Plasma-Induced Oxygen Vacancies in Ultrathin Hematite Nanoflakes Promoting Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2015, 7, 22355-22363.	8.0	162
72	Sub-wavelength palladium antenna arrays for hydrogen optical detection in the infrared region. Japanese Journal of Applied Physics, 2014, 53, 037001.	1.5	2

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73	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
74	Independent light-trapping cavity for ultra-sensitive plasmonic sensing. <i>Applied Physics Letters</i> , 2014, 105, 061112.	3.3	7
75	Light Trapping in Finite Arrays of Metallic U-Shaped Cavities for Sensing With High Figures of Merit. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1645-1648.	2.5	2
76	A Novel Method to Synthesize Highly Photoactive Cu ₂ O Microcrystalline Films for Use in Photoelectrochemical Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 480-486.	8.0	107
77	Plasmonics: Hollow Plasmonic U-shaped Cavities with High Aspect Ratio Nanofins Sustaining Strong Optical	7.3	1
78	Plasmonic Hybrid Cavity-Channel Structure for Tunable Narrow-Band Optical Absorption. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1979-1982.	2.5	11
79	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
80	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
81	Effective light concentration in gold short nanosphere chain on platinum mirror for surface-enhanced Raman scattering. <i>Applied Physics Letters</i> , 2014, 105, 121114.	3.3	8
82	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
83	High sensitivity refractive index sensing with strong light confinement in high-aspect-ratio U-cavity arrays. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 137-143.	7.8	2
84	22pm1-F3 Lamellar-like metallic structures for surface enhanced Raman scattering. <i>The Proceedings of the Symposium on Micro-Nano Science and Technology</i> , 2014, 2014.6, _22pm1-F3-_22pm1-F3-.	0.0	0
85	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
86	Investigation of luminescent properties of ZnO nanoparticles for their use as a down-shifting layer on solar cells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1301-1307.	0.8	14
87	A 3D metallic structure array for refractive index sensing with optical vortex. , 2013, , .		1
88	Localized surface plasmons coupled in U-shaped nano-cavity with high sensitivity. , 2013, , .		0
89	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
90	Plasmon focusing in short gold sphere nanochains for surface-enhanced Raman scattering. <i>Applied Optics</i> , 2013, 52, 8809.	1.8	6

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91	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
92	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
93	Array of subwavelength rectangular structures in palladium for optical hydrogen detection. Proceedings of SPIE, 2012, , .	0.8	0
94	ZnO dense nanowire array on a film structure in a single crystal domain texture for optical and photoelectrochemical applications. Nanotechnology, 2012, 23, 495602.	2.6	25
95	Sensitivity to refractive index of high-aspect-ratio nanofins with optical vortex. Nanotechnology, 2012, 23, 505502.	2.6	16
96	Electric field design of metallic sub-wavelength hole arrays for optical permittivity sensing. , 2012, , .		0
97	EFFICIENT ULTRAVIOLET LIGHT FREQUENCY DOWN-SHIFTING BY A THIN FILM OF ZnO NANOPARTICLES. International Journal of Nanoscience, 2012, 11, 1240022.	0.7	10
98	ZnOâ€“ZnGa ₂ O ₄ coreâ€“shell nanowire array for stable photoelectrochemical water splitting. Nanoscale, 2012, 4, 1509-1514.	5.6	77
99	Nanowires on a Film for Photoelectrochemical Water Splitting. , 2012, , .		0
100	Vertically aligned ZnOâ€“ZnGa ₂ O ₄ coreâ€“shell nanowires: from synthesis to optical properties. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	12
101	Comparison of resolution in tomographic diffractive microscopy using combinations of sample rotation and illumination rotation. Proceedings of SPIE, 2011, , .	0.8	1
102	Hydrogen absorption effects on the transmittance of sub-wavelength palladium hole arrays with different thicknesses. Proceedings of SPIE, 2011, , .	0.8	2
103	Improved and isotropic resolution in tomographic diffractive microscopy combining sample and illumination rotation. Open Physics, 2011, 9, 969-974.	1.7	18
104	Stability of hydrogen incorporated in ZnO nanowires by plasma treatment. Nanotechnology, 2011, 22, 435703.	2.6	13
105	Bridging wide bandgap nanowires for ultraviolet light detection. , 2011, , .		0
106	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
107	Continuous Blood Pressure Monitoring in Daily Life. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2010, 4, 179-186.	0.7	28
108	Wearable Eating Habit Sensing System Using Internal Body Sound. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2010, 4, 158-166.	0.7	54

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109	Efficient Assembly of Bridged Ga_2O_3 Nanowires for Solar-Blind Photodetection. <i>Advanced Functional Materials</i> , 2010, 20, 3972-3978.	14.9	292
110	Progress Toward Nanowire Device Assembly Technology. , 2010, , .		4
111	Bascule nanobridges self-assembled with ZnO nanowires as double Schottky barrier UV switches. <i>Nanotechnology</i> , 2010, 21, 295502.	2.6	38
112	Evaluation of adsorption capacity of single-walled carbon nanotubes for application to micro gas preconcentrators. , 2010, , .		1
113	High resolution reflection tomographic diffractive microscopy. <i>Journal of Modern Optics</i> , 2010, 57, 740-745.	1.3	25
114	Evaluation of Resonance Characteristics Change of Silicon Resonators Due to Surface Treatment. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 06GN13.	1.5	2
115	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
116	Hydrogen Sensing with a Rectangular Lattice of Sub-Wavelength Holes in Palladium. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2010, 130, 317-320.	0.1	1
117	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
118	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
119	Continuous blood pressure measurement in daily activities. , 2009, , .		4
120	Discrimination of eating habits with a wearable bone conduction sound recorder system. , 2009, , .		6
121	Competitive surface effects of oxygen and water on UV photoresponse of ZnO nanowires. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	218
122	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
123	Effect of micropillar density on separation efficiency of semi-packed micro gas chromatographic columns. , 2009, , .		4
124	Hydrogen detection with subwavelength palladium hole arrays. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2009, 8, 021140.	0.9	5
125	Carbon Nanotube Stationary Phase in a Microfabricated Column for High-Performance Gas Chromatography. , 2009, , .		8
126	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

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127	High-performance UV detector made of ultra-long ZnO bridging nanowires. Nanotechnology, 2009, 20, 045501.	2.6	192
128	Optical hydrogen detection with periodic subwavelength palladium hole arrays. Applied Physics Letters, 2009, 95, .	3.3	26
129	Analysis of hydrogen exposure effects on the transmittance of periodic sub-wavelength palladium hole arrays. Proceedings of SPIE, 2009, , .	0.8	2
130	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
131	Diffraction microtomography with sample rotation: primary result on the influence of a missing apple core in the recorded frequency space. , 2009, , .		5
132	Tomographic observation of transparent objects under coherent illumination and reconstruction by filtered backprojection and Fourier diffraction theorem. , 2008, , .		8
133	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
134	Recognition of Bread Key Odorants by Using Polymer Coated QCMs. IEEJ Transactions on Sensors and Micromachines, 2008, 128, 97-101.	0.1	1
135	Optical projection microtomography of transparent objects. , 2007, , .		7
136	Side-by-side comparison of automatic pollen counters for use in pollen information systems. Annals of Allergy, Asthma and Immunology, 2007, 98, 553-558.	1.0	12
137	Fabrication of three-dimensional network of ZnO tetrapods and its response to ethanol. Materials Chemistry and Physics, 2007, 104, 141-145.	4.0	46
138	Analysis of cedar pollen time series: no evidence of low-dimensional chaotic behavior. International Journal of Biometeorology, 2006, 50, 154-158.	3.0	1
139	Three-dimensional network of ZnO tetrapods for use in gas sensing. , 2006, 6413, 32.		0
140	Investigation of short-range cedar pollen forecasting. Physical Review E, 2004, 70, 066214.	2.1	4
141	Magnetic Thin Films of Cobalt Nanocrystals Encapsulated in Graphite-Like Carbon. Materials Research Society Symposia Proceedings, 1997, 475, 33.	0.1	6
142	Enhancement of Gas Response of ZnO Micro-Nano Structured Layers through Plasma Treatment. Advanced Materials Research, 0, 47-50, 634-637.	0.3	2