

Jean Michel Nunzi

List of Publications by Year in descending order

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360
papers

8,194
citations

44069

48
h-index

71685

76
g-index

364
all docs

364
docs citations

364
times ranked

7288
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducible perovskite solar cells using a simple solvent-mediated sol-gel synthesized NiO hole transport layer. Applied Physics Express, 2022, 15, 015504.	2.4	6
2	Organometal halide perovskite photovoltaics. , 2022, , 273-317.		1
3	Insight into OTFT Sensors Using Confocal Fluorescence Microscopy. ACS Applied Materials & Interfaces, 2022, 14, 5709-5720.	8.0	5
4	Surface Relief Grating on Chitosan-N,N-dimethyl-4-(2-pyridylazo)aniline Thin Film. Polymers, 2022, 14, 791.	4.5	2
5	An investigation and analysis of plasmonic modulators: a review. Journal of Optical Communications, 2022, .	4.7	4
6	Compact and Sensitive H-Shaped Metal-Dielectric-Metal Waveguide Plasmonic Sensor. Plasmonics, 2022, 17, 1593-1606.	3.4	7
7	Frontiers in Photosensor Materials and Designs for New Image Sensor Applications. IEEE Sensors Journal, 2021, 21, 11339-11348.	4.7	5
8	Characterization and valorization of natural phosphate in removing of heavy metals and toxic organic species from water. Journal of African Earth Sciences, 2021, 173, 104022.	2.0	6
9	Mesoporous nanocrystalline sulfonated hydroxyapatites enhance heavy metal removal and antimicrobial activity. Separation and Purification Technology, 2021, 255, 117777.	7.9	22
10	Electrical and dielectric behaviors of thermally treated phosphate minerals. Solid State Sciences, 2021, 111, 106440.	3.2	4
11	Spray Pyrolyzed TiO ₂ Embedded Multi-Layer Front Contact Design for High-Efficiency Perovskite Solar Cells. Nano-Micro Letters, 2021, 13, 36.	27.0	50
12	Efficient FAPbI ₃ -PbS quantum dot graphene-based phototransistors. New Journal of Chemistry, 2021, 45, 15285-15293.	2.8	6
13	Low-cost molecular glass hole transport material for perovskite solar cells. Japanese Journal of Applied Physics, 2021, 60, SBBF12.	1.5	2
14	A common optical approach to thickness optimization in polymer and perovskite solar cells. Scientific Reports, 2021, 11, 5005.	3.3	8
15	Mechanical strength characterization and modeling of hydroxyapatite/tricalcium phosphate biocomposite using the diametral-compression test. EPJ Applied Physics, 2021, 93, 30403.	0.7	1
16	A Substitutive Coefficients Network for the Modelling of Thermal Systems: A Mono-Zone Building Case Study. Energies, 2021, 14, 2551.	3.1	0
17	Ionic Liquid-Assisted MAPbI ₃ Nanoparticle-Seeded Growth for Efficient and Stable Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 21194-21206.	8.0	47
18	Effect of the surface chemistry on the stability and mechanical properties of the Zirconia-Hydroxyapatite bioceramic. Surfaces and Interfaces, 2021, 23, 100980.	3.0	6

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19	Pyrimidine-Based Push-Pull Systems with a New Anchoring Amide Group for Dye-Sensitized Solar Cells. <i>Electronic Materials</i> , 2021, 2, 142-153.	1.9	12
20	The benefits of ionic liquids for the fabrication of efficient and stable perovskite photovoltaics. <i>Chemical Engineering Journal</i> , 2021, 411, 128461.	12.7	70
21	Photocatalytic degradation of emerging antibiotic pollutants in waters by TiO ₂ /Hydroxyapatite nanocomposite materials. <i>Surfaces and Interfaces</i> , 2021, 24, 101155.	3.0	21
22	Nonlinear optical fullerene and graphene-based polymeric 1D photonic crystals: perspectives for slow and fast optical bistability. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, C198.	2.1	2
23	Double-layer CsI intercalation into an MAPbI ₃ framework for efficient and stable perovskite solar cells. <i>Nano Energy</i> , 2021, 86, 106135.	16.0	33
24	Reducing the efficiency roll-off in organic light-emitting diodes at high currents under external magnetic fields. <i>Organic Electronics</i> , 2021, 96, 106231.	2.6	4
25	Extending the absorption band from infrared to ultraviolet using the ITO transition from reflection to transparency. <i>EPJ Applied Physics</i> , 2021, 96, 10501.	0.7	3
26	Low-temperature treated anatase TiO ₂ nanophotonic-structured contact design for efficient triple-cation perovskite solar cells. <i>Chemical Engineering Journal</i> , 2021, 426, 131831.	12.7	22
27	Advanced materials for energy harvesting, storage, sensing and environmental engineering II. <i>EPJ Applied Physics</i> , 2021, 93, 10902.	0.7	1
28	It is an All-Rounder! On the Development of Metal Halide Perovskite-Based Fluorescent Sensors and Radiation Detectors. <i>Advanced Optical Materials</i> , 2021, 9, 2101276.	7.3	18
29	Paste Aging Spontaneously Tunes TiO ₂ Nanoparticles into Reproducible Electrospayed Photoelectrodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53758-53766.	8.0	3
30	Development of parabolic luminescent solar concentrators by 3D printing. , 2021, , .		1
31	Single-Crystal Bismuth Thiophosphate, BiPS ₄ , as a Nontoxic and Mechanically Robust X-ray Detector. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56296-56301.	8.0	1
32	Self-assembly, stability, and photoresponse of PbS quantum dot films capped with mixed halide perovskite ligands. <i>Materials Research Bulletin</i> , 2021, 147, 111648.	5.2	3
33	Surface Plasmon Hot electron effect in Rectenna. , 2021, , .		2
34	Growth and organization of (3-Trimethoxysilylpropyl) diethylenetriamine within reactive amino-terminated self-assembled monolayer on silica. <i>Applied Surface Science</i> , 2020, 508, 145210.	6.1	13
35	Ag nanoparticle-based efficiency enhancement in an inverted organic solar cell. <i>EPJ Applied Physics</i> , 2020, 90, 30201.	0.7	8
36	Low-Temperature Processed TiO _x Electron Transport Layer for Efficient Planar Perovskite Solar Cells. <i>Nanomaterials</i> , 2020, 10, 1676.	4.1	13

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37	Design of a plasmonic antenna hot-electron solar cell. , 2020, , .		1
38	Switchable Crystal Phase and Orientation of Evaporated Zinc Phthalocyanine Films for Efficient Organic Photovoltaics. Journal of Physical Chemistry C, 2020, 124, 21338-21345.	3.1	7
39	Metal Oxide Compact Electron Transport Layer Modification for Efficient and Stable Perovskite Solar Cells. Materials, 2020, 13, 2207.	2.9	42
40	Solution Processing and Self-Organization of PbS Quantum Dots Passivated with Formamidineum Lead Iodide (FAPbI ₃). ACS Omega, 2020, 5, 15746-15754.	3.5	12
41	Hydrophobic chemical surface functionalization of hydroxyapatite nanoparticles for naphthalene removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 595, 124706.	4.7	14
42	Electronic Transport in the Biopigment Sepia Melanin. ACS Applied Bio Materials, 2020, 3, 5244-5252.	4.6	36
43	A new in situ enhancement of the hydroxyapatite surface by Tyramine: Preparation and interfacial properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 592, 124590.	4.7	3
44	Capture and light-induced release of antibiotics by an azo dye polymer. Scientific Reports, 2020, 10, 3267.	3.3	6
45	Dibenzo[f,h]furazano[3,4-b]quinoxalines: Synthesis by Intramolecular Cyclization through Direct Transition Metal-Free C-H Functionalization and Electrochemical, Photophysical, and Charge Mobility Characterization. ACS Omega, 2020, 5, 8200-8210.	3.5	13
46	Benzo[<i>b</i>]selenophene/thieno[3,2- <i>b</i>]indole-Based N,S,Se-Heteroacenes for Hole-Transporting Layers. ACS Omega, 2020, 5, 9377-9383.	3.5	14
47	Capacitance performance of NiO thin films synthesized by direct and pulse potentiostatic methods. Ionics, 2019, 25, 6025-6033.	2.4	43
48	Nonlinear Optical Signatures of the Transition from Semiconductor to Semimetal in PtSe ₂ . Laser and Photonics Reviews, 2019, 13, 1900052.	8.7	64
49	Synthesis and properties of alumina-hydroxyapatite composites from natural phosphate for phenol removal from water. Colloids and Interface Science Communications, 2019, 31, 100188.	4.1	25
50	Foreword: materials for energy harvesting, conversion and storage (ICOME 2017). EPJ Applied Physics, 2019, 85, 20901.	0.7	2
51	Enhanced near-infrared electroluminescence from a neodymium complex in organic light-emitting diodes with a solution-processed exciplex host. Applied Physics Letters, 2019, 114, .	3.3	13
52	3D hybrid perovskite solid solutions: a facile approach for deposition of nanoparticles and thin films <i>via</i> B-site substitution. New Journal of Chemistry, 2019, 43, 5448-5454.	2.8	5
53	Copper oxide nanoparticle doped bulk-heterojunction photovoltaic devices. Synthetic Metals, 2019, 252, 21-28.	3.9	28
54	Development of sulfonate-functionalized hydroxyapatite nanoparticles for cadmium removal from aqueous solutions. Colloids and Interface Science Communications, 2019, 30, 100178.	4.1	31

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55	Synthesis, characterization and photovoltaic applications of noble metal δ -doped ZnS quantum dots. Chinese Journal of Physics, 2019, 58, 348-362.	3.9	35
56	Searching for evidence of optical rectification: optically induced nonlinear photovoltage in a capacitor configuration. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 53.	2.1	6
57	Advanced materials for energy harvesting, storage, sensing and environmental engineering. EPJ Applied Physics, 2019, 88, 20903.	0.7	1
58	Bulk luminescent solar concentrators based on organic-inorganic CH ₃ NH ₃ PbBr ₃ perovskite fluorophores. Solar Energy Materials and Solar Cells, 2019, 192, 44-51.	6.2	32
59	Enhancement of the capacitance properties and the photoelectrochemical performances of P3HT film by incorporation of nickel oxide nanoparticles. Ionics, 2019, 25, 2903-2912.	2.4	7
60	Revisiting the Optimal Nano δ Morphology: Towards Amorphous Organic Photovoltaics. Chemical Record, 2019, 19, 1028-1038.	5.8	3
61	Competition between stimulated Brillouin scattering and two-photon absorption in dispersed boron nitride. Optics Express, 2019, 27, 11029.	3.4	4
62	Photonic-crystal-based broadband graphene saturable absorber. Optics Letters, 2019, 44, 4785.	3.3	14
63	Layer-modulated two-photon absorption in MoS ₂ : probing the shift of the excitonic dark state and band-edge. Photonics Research, 2019, 7, 762.	7.0	22
64	Direct observation of interlayer coherent acoustic phonon dynamics in bilayer and few-layer PtSe ₂ . Photonics Research, 2019, 7, 1416.	7.0	33
65	Two-photon absorption towards pulse modulation in mechanically exfoliated and CVD monolayer cascaded MoS ₂ structures. Chinese Optics Letters, 2019, 17, 081901.	2.9	4
66	Simple Unbiased Hot-Electron Polarization-Sensitive Near-Infrared Photodetector. ACS Applied Materials & Interfaces, 2018, 10, 11862-11871.	8.0	19
67	Reversible light-induced solubility of disperse red 1 dye in a hydroxypropyl cellulose matrix. Cellulose, 2018, 25, 2083-2090.	4.9	7
68	Structural, optical and photovoltaic properties of P3HT and Mn-doped CdS quantum dots based bulk heterojunction hybrid layers. Optical Materials, 2018, 78, 132-141.	3.6	21
69	Cesium Lead Halide Perovskite Nanostructures: Tunable Morphology and Halide Composition. Chemical Record, 2018, 18, 230-238.	5.8	15
70	Efficiency enhancement of ternary blend organic photovoltaic cells with molecular glasses as guest acceptors. Organic Electronics, 2018, 53, 74-82.	2.6	14
71	Effects of pulsed electrodeposition parameters on the properties of zinc oxide thin films to improve the photoelectrochemical and photoelectrodegradation efficiency. EPJ Applied Physics, 2018, 84, 30102.	0.7	3
72	Annealing effect on the optical and photoelectrochemical properties of lead oxide. EPJ Applied Physics, 2018, 84, 30301.	0.7	7

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73	Light-Induced Electroluminescence Patterning: Interface Energetics Modification at Semiconducting Polymer and Metal-Oxide Heterojunction in a Photodiode. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23506-23514.	3.1	8
74	A Zinc(II) Benzamidinate $\text{N}^{\ominus}\text{O}^{\ominus}$ Complex as an Aggregation-Induced Emission Material: toward Solution-Processable White Organic Light-Emitting Devices. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4322-4330.	2.0	9
75	Self-diffractive structures for light addressing and beam control. , 2018, , .		0
76	Fabrication of planar heterojunction CsPbBr_2 perovskite solar cells using ZnO as an electron transport layer and improved solar energy conversion efficiency. <i>New Journal of Chemistry</i> , 2018, 42, 14104-14110.	2.8	55
77	Merocyanine-540 grafted on ZnS and CdS nanocrystals- an approach for enhancing the efficiency of inorganic- organic hybrid solar cell. <i>Optical Materials</i> , 2018, 83, 165-175.	3.6	6
78	Stimulated Brillouin scattering in dispersed graphene. <i>Optics Express</i> , 2018, 26, 34346.	3.4	7
79	Near infrared electroluminescence from Nd(TTA) 3 phen in solution-processed small molecule organic light-emitting diodes. <i>Organic Electronics</i> , 2017, 44, 50-58.	2.6	33
80	Foreword: Materials for energy harvesting, conversion and storage (ICOME 2016). <i>EPJ Applied Physics</i> , 2017, 78, 34801.	0.7	3
81	T-Shaped Indan-1,3-dione derivatives as promising electron donors for bulk heterojunction small molecule solar cell. <i>Optical Materials</i> , 2017, 69, 312-317.	3.6	10
82	Solid-state showdown: Comparing the photovoltaic performance of amorphous and crystalline small-molecule diketopyrrolopyrrole acceptors. <i>Organic Electronics</i> , 2017, 48, 230-240.	2.6	14
83	Influence of the dopant concentration on structural, optical and photovoltaic properties of Cu-doped ZnS nanocrystals based bulk heterojunction hybrid solar cells. <i>EPJ Applied Physics</i> , 2017, 78, 34811.	0.7	25
84	Deceleration of thermal ring closure in a glass-forming mexylaminotriazine-substituted merocyanine (MC) linked to intramolecular hydrogen bonding. <i>New Journal of Chemistry</i> , 2017, 41, 940-947.	2.8	4
85	Synthesis, characterization and photovoltaic performance of Mn-doped ZnS quantum dots- P3HT hybrid bulk heterojunction solar cells. <i>Optical Materials</i> , 2017, 73, 754-762.	3.6	17
86	Structural, optical, electrochemical and photovoltaic studies of spider web like Silver Indium Diselenide Quantum dots synthesized by ligand mediated colloidal sol-gel approach. <i>Optical Materials</i> , 2017, 73, 70-76.	3.6	17
87	Towards amorphous solution-processed small-molecule photovoltaic cells by design. <i>Organic Electronics</i> , 2017, 49, 382-392.	2.6	10
88	Interfacial modification of the electron collecting layer of low-temperature solution-processed organometallic halide photovoltaic cells using an amorphous perylenediimide. <i>Solar Energy Materials and Solar Cells</i> , 2017, 160, 294-300.	6.2	25
89	Enhancement of efficiency by embedding ZnS and Mn-doped ZnS nanoparticles in P3HT:PCBM hybrid solid state solar cells. <i>EPJ Applied Physics</i> , 2017, 78, 34810.	0.7	6
90	Photovoltaic performance of P3HT-porphyrin functionalized 1D CdS nanostructured organic inorganic bulk heterojunction hybrid solar cells. <i>EPJ Applied Physics</i> , 2017, 78, 34809.	0.7	5

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91	Chiral diffraction gratings. , 2017, , .		0
92	Transfer of chirality from light to a Disperse Red 1 molecular glass surface. Optics Letters, 2017, 42, 4845.	3.3	8
93	Chirality Transfer from Light to Surface Relief. , 2017, , .		0
94	Synthesis, characterization and photovoltaic performance of novel glass-forming perylenediimide derivatives. Organic Electronics, 2016, 34, 146-156.	2.6	20
95	Electric-Field-Induced Nanoscale Surface Patterning in Mexylaminotriazine-Functionalized Molecular Glass Derivatives. Langmuir, 2016, 32, 5646-5652.	3.5	6
96	Evidence of optical rectification in Ag nanoparticles and its application in rectenna device. , 2016, , .		0
97	Second-order nonlinear optical properties of mexylaminotriazine-functionalized glass-forming azobenzene derivatives. Optical Materials, 2016, 60, 258-263.	3.6	6
98	Instantaneous photoinduced patterning of an azopolymer colloidal nanosphere assembly. Optical Materials Express, 2016, 6, 2925.	3.0	7
99	Photoinduction of spontaneous surface relief gratings on Azo DR1 glass. Optics Letters, 2016, 41, 2958.	3.3	13
100	Unraveling the nucleation and growth of spontaneous surface relief gratings. Optical Materials, 2016, 62, 378-391.	3.6	18
101	Materials for energy harvesting, conversion and storage. EPJ Applied Physics, 2016, 74, 24601.	0.7	7
102	Effect of thermal annealing on the structural, optical and dielectrical properties of P3HT:PC70BM nanocomposites. Materials Research Bulletin, 2016, 78, 141-147.	5.2	18
103	Efficient and low cost inverted hybrid bulk heterojunction solar cells. Journal of Renewable and Sustainable Energy, 2015, 7, .	2.0	19
104	Efficient inverted hybrid solar cells using both CuO and P3HT as an electron donor materials. Journal of Materials Science: Materials in Electronics, 2015, 26, 6478-6483.	2.2	19
105	Increase of open circuit voltage of polymer bulk heterojunction solar cell by functionalized single walled carbon nanotubes. International Journal of Higher Education Management, 2015, 1, 59-64.	1.3	1
106	AgInSe ₂ .PCBM.P3HT inorganic organic blends for hybrid bulk heterojunction photovoltaics. Synthetic Metals, 2015, 200, 102-108.	3.9	35
107	Effect of thermal annealing on the electrical properties of P3HT:PC70BM nanocomposites. Materials Science in Semiconductor Processing, 2015, 39, 575-581.	4.0	19
108	Mastering Nano-objects with Photoswitchable Molecules for Nanotechnology Applications. Nano-optics and Nanophotonics, 2015, , 159-179.	0.2	1

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109	Surface relief grating growth in thin films of mexylaminotriazine-functionalized glass-forming azobenzene derivatives. <i>New Journal of Chemistry</i> , 2015, 39, 9162-9170.	2.8	25
110	Replacement of P3HT and PCBM with metal oxides nanoparticles in inverted hybrid organic solar cells. <i>Synthetic Metals</i> , 2015, 210, 268-272.	3.9	17
111	Water-triggered spontaneous surface patterning in thin films of mexylaminotriazine molecular glasses. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4729-4736.	5.5	4
112	Photovoltaic performance of AgInSe ₂ -conjugated polymer hybrid system bulk heterojunction solar cells. <i>Synthetic Metals</i> , 2015, 199, 87-92.	3.9	46
113	Inverted Ternary Bulk Hetrojunction Hybrid Photovoltaic Device Based On AgInSe ₂ "polymer Blend As Absorber And PEDOT: PSS As Hole Transport Layer. <i>Advanced Materials Letters</i> , 2015, 6, 421-424.	0.6	3
114	Surface Roughness Characterization of ZnO: TiO ₂ -Organic Blended Solar Cells Layers by Atomic Force Microscopy and Fractal Analysis. <i>International Journal of Nanoscience</i> , 2014, 13, 1450020.	0.7	14
115	Self-reconstructing nonlinear effects in polymer fibers. , 2014, , .		0
116	Nonlinear optical photovoltaics (presentation video). <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
117	Organic materials for photovoltaic applications: Review and mechanism. <i>Synthetic Metals</i> , 2014, 190, 20-26.	3.9	139
118	Cyano azobenzene polymer films: Photo-induced reorientation and birefringence behaviors with linear and circular polarized light. <i>Optical Materials</i> , 2014, 38, 228-232.	3.6	6
119	Disperse and disordered: a mexylaminotriazine-substituted azobenzene derivative with superior glass and surface relief grating formation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 841-847.	5.5	64
120	Front Matter: Volume 9126. , 2014, , .		0
121	Influence of temperature on the relaxation kinetics of spontaneous pattern formation in an azo"polymer film. <i>Optics Communications</i> , 2013, 298-299, 150-153.	2.1	10
122	All-optical poling and second harmonic generation diagnostic of layer-by-layer assembled photoactive polyelectrolytes. <i>Chemical Physics</i> , 2013, 420, 7-14.	1.9	6
123	Self-reconstructing all-optical poling in polymer fibers. <i>Optics Letters</i> , 2013, 38, 2945.	3.3	2
124	Second harmonic generation of chiral-modified silver nanoparticles. , 2013, , .		1
125	Three photon absorption detection using polymer photo-diodes. , 2013, , .		2
126	Noble metal nanoparticle enhanced organic light emitting diodes. <i>Proceedings of SPIE</i> , 2012, , .	0.8	3

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127	Nonlinear effects in dye-doped polymer optical fibres for optical communication. , 2012, , .		0
128	Enhanced organic light emitting diode and solar cell performances using silver nano-clusters. Organic Electronics, 2012, 13, 1623-1632.	2.6	58
129	Photochemical and thermal spiropyran (SP)-merocyanine (MC) interconversion: a dichotomy in dependence on viscosity. Physical Chemistry Chemical Physics, 2012, 14, 13684.	2.8	11
130	Impact of selective thermal annealing on rubrene-C60 heterojunction solar cells. Synthetic Metals, 2012, 162, 2171-2175.	3.9	6
131	Organic solar cell materials and active layer designs—improvements with carbon nanotubes: a review. Polymer International, 2012, 61, 342-354.	3.1	69
132	Distributed feedback laser action in reflection geometry from a dye-doped polymer film. Optical Materials, 2012, 34, 1415-1418.	3.6	4
133	Nonlinear effects in dye-doped polymer optical fibres for optical communication. , 2012, , .		0
134	Phosphorescent organic light emitting diode efficiency enhancement using functionalized silver nanoparticles. Applied Physics Letters, 2011, 99, 123302.	3.3	36
135	Metal plasmon enhanced luminescence of rhodamine B. Proceedings of SPIE, 2011, , .	0.8	0
136	Improving the current density Jsc of organic solar cells P3HT:PCBM by structuring the photoactive layer with functionalized SWCNTs. Solar Energy Materials and Solar Cells, 2011, 95, S53-S56.	6.2	70
137	Light induced 2D chiral structure on the surface of azo-polymer films. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2773-2776.	0.8	4
138	A dye functionalized silver-silica core-shell nanoparticle organic light emitting diode. Organic Electronics, 2011, 12, 1279-1284.	2.6	17
139	Air stable hybrid inverted tandem solar cell design. Applied Physics Letters, 2011, 99, 063301.	3.3	14
140	Origin of photocurrent generation and collection losses in large area organic solar cells. Applied Physics Letters, 2011, 99, 093309.	3.3	12
141	New fullerene derivatives for the photovoltaic application. Journal of Photonics for Energy, 2011, 1, 011120.	1.3	2
142	An isomerization-induced cage-breaking process in a molecular glass former below T_g . Journal of Chemical Physics, 2011, 134, 114517.	3.0	43
143	Functionalized single wall carbon nanotubes improve the properties of polymer solar cells. , 2010, , .		2
144	Estimation of the concentration of deep traps in organic photoconductors using two-photon absorption. Proceedings of SPIE, 2010, , .	0.8	1

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145	Metal plasmon enhanced europium complex luminescence. Journal of Luminescence, 2010, 130, 56-59.	3.1	27
146	Requirements for a rectifying antenna solar cell technology. Proceedings of SPIE, 2010, , .	0.8	13
147	Improving the photovoltaic properties of organic solar cells by structuring the P3HT:PCBM photoactive layer with functionalized SWCNTs. , 2010, , .		1
148	Isomerization-induced surface relief gratings formation: A comparison between the probe and the matrix dynamics. Journal of Chemical Physics, 2010, 133, 044902.	3.0	22
149	Study of two-photon absorption in organic materials by thermal lensing and nonlinear transmission measurements. Proceedings of SPIE, 2010, , .	0.8	0
150	Stable frequency doubling by all-optical poling in dye-doped polymer optical fibers. Optics Letters, 2010, 35, 3595.	3.3	5
151	Photoinduced deformation of azopolymer nanometric spheres. Applied Physics Letters, 2010, 96, .	3.3	22
152	Nanostructuring of azopolymer nanotubes and nanofoils. , 2009, , .		0
153	Surface relief grating formation on nano-objects. Applied Physics Letters, 2009, 95, 053102.	3.3	13
154	Effect of metal cathode reflectance on the exciton-dissociation efficiency in heterojunction organic solar cells. Applied Physics Letters, 2009, 94, 103303.	3.3	50
155	Isomerization-Induced Dynamic Heterogeneity in a Glass Former below and above $\langle T_g \rangle$. Physical Review Letters, 2009, 103, 265701.	7.8	49
156	Molecular dynamics simulation of the SRG formation in poly(methyl methacrylate) doped with dispersed red 1. , 2009, , .		0
157	Disperse red 1 end capped oligoesters. Synthesis by noncatalyzed ring opening oligomerization and structural characterization. Journal of Polymer Science Part A, 2009, 47, 534-547.	2.3	6
158	Near infrared emission in rubrene:fullerene heterojunction devices. Chemical Physics Letters, 2009, 474, 141-145.	2.6	24
159	Cooperative interaction in azopolymers upon irradiation. New Journal of Chemistry, 2009, 33, 1207.	2.8	6
160	New cyclopropano[70]fullerene derivatives for the photovoltaic application. , 2009, , .		0
161	Spontaneous formation of optically induced surface relief gratings. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 205401.	1.5	28
162	Dispersion of single-walled carbon nanotubes using polyelectrolytes. , 2009, , .		1

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163	Size effect on organic optoelectronics devices: Example of photovoltaic cell efficiency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1333-1336.	2.1	61
164	Influence of the polymer dielectric characteristics on the performance of pentacene organic field-effect transistors. Solid-State Electronics, 2008, 52, 179-181.	1.4	25
165	Synthesis and characterization of p and n dopable interpenetrating polymer networks for organic photovoltaic devices. Thin Solid Films, 2008, 516, 7223-7229.	1.8	17
166	Second harmonic generation and photochromic grating in polyurethane films containing diazo isoxazole chromophore. Optical Materials, 2008, 30, 1832-1839.	3.6	5
167	Investigation of the patterning efficiency in a new azo-dye copolymer under UV irradiation toward photonic applications. Proceedings of SPIE, 2008, , .	0.8	0
168	Tunable circularly polarized lasing emission in reflection distributed feedback dye lasers. Optics Express, 2008, 16, 16746.	3.4	24
169	Cognitive ability process at the molecular level. International Journal of Nanotechnology, 2008, 5, 885.	0.2	0
170	Upconversion injection in rubrene/perylene-diimide-heterostructure electroluminescent diodes. Applied Physics Letters, 2007, 90, 263508.	3.3	57
171	Optical modeling of the ultimate efficiency of pentacene: N, N'-ditridecylperylene-3, 4, 9, 10-tetracarboxylic diimide "blend solar cells. Journal of Applied Physics, 2007, 102, .	2.5	23
172	First order distributed feedback dye laser effect in reflection pumping geometry for nonlinear optical measurements. Proceedings of SPIE, 2007, 6653, 23.	0.8	1
173	First-order distributed feedback dye laser effect in reflection pumping geometry. Optics Letters, 2007, 32, 805.	3.3	8
174	Spontaneous photoinduced patterning of azo-dye polymer films: the facts. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 1839.	2.1	48
175	Features of light to current transformations in organic devices. , 2007, , .		0
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