

# Sheng-Joue Young

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

2,016  
citations

25  
h-index

36  
g-index

138  
ext. papers

2,386  
ext. citations

3  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
127	Advanced Nanomaterials for Applications in Photonic and Sensor Devices. <i>Journal of Nanomaterials</i> , <b>2022</b> , 2022, 1-2	3.2	2
126	Improved UV-Sensing of Au-Decorated ZnO Nanostructure MSM Photodetectors. <i>IEEE Sensors Journal</i> , <b>2022</b> , 22, 5644-5650	4	4
125	Characteristics of Field-Emission Emitters Based On Graphene Decorated ZnO Nanostructures. <i>IEEE Journal of the Electron Devices Society</i> , <b>2021</b> , 9, 1076-1083	2.3	4
124	Characteristics of Field Emitters on the Basis of Pd-Adsorbed ZnO Nanostructures by Photochemical Method. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 2515-2521	5.6	6
123	Improving ZnO Nanorod Humidity Sensors with Pt Nanoparticle Adsorption. <i>ECS Journal of Solid State Science and Technology</i> , <b>2021</b> , 10, 037003	2	10
122	Hydrothermal Synthesis and Improved CH <sub>3</sub> DH-Sensing Performance of ZnO Nanorods With Adsorbed Au NPs. <i>IEEE Transactions on Electron Devices</i> , <b>2021</b> , 68, 1886-1891	2.9	11
121	Characteristics of Metal-Semiconductor-Metal Ultraviolet Photodetectors Based on Pure ZnO/Amorphous IGZO Thin-Film Structures. <i>Journal of Nanomaterials</i> , <b>2021</b> , 2021, 1-6	3.2	3
120	Improved pH-Sensing Characteristics by Pt Nanoparticle-Decorated ZnO Nanostructures. <i>ECS Journal of Solid State Science and Technology</i> , <b>2021</b> , 10, 067001	2	8
119	Enhancing pH Sensors Performance of ZnO Nanorods With Au Nanoparticles Adsorption. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 13068-13073	4	6
118	UV-Enhanced Field-Emission Performances of Pd-Adsorbed ZnO Nanorods through Photochemical Synthesis. <i>ECS Journal of Solid State Science and Technology</i> , <b>2021</b> , 10, 017001	2	10
117	Investigation of a Highly Sensitive Au Nanoparticle-Modified ZnO Nanorod Humidity Sensor. <i>IEEE Transactions on Electron Devices</i> , <b>2021</b> , 68, 775-779	2.9	7
116	Review Influence of Processing Parameters to Control Morphology and Optical Properties of Sol-Gel Synthesized ZnO Nanoparticles. <i>ECS Journal of Solid State Science and Technology</i> , <b>2021</b> , 10, 023002	2	55
115	Fabrication and Characterization of a-IGZO Thin-Film Transistors With and Without Passivation Layers. <i>ECS Journal of Solid State Science and Technology</i> , <b>2021</b> , 10, 027002	2	5
114	Pd Nanoparticle Adsorption ZnO Nanorods for Enhancing Photodetector UV-Sensing Performance. <i>IEEE Journal of the Electron Devices Society</i> , <b>2021</b> , 9, 265-270	2.3	2
113	Fabrication of Silicon Dioxide by Photo-Chemical Vapor Deposition to Decrease Detector Current of ZnO Ultraviolet Photodetectors. <i>ACS Omega</i> , <b>2020</b> , 5, 27566-27571	3.9	2
112	A Green Strategy for Developing a Self-Healing Gelatin Resistive Memory Device. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 5318-5326	4.3	8
111	Synthesis of Ni-Doped ZnO Nanorod Arrays by Chemical Bath Deposition and Their Application to Nanogenerators. <i>Energies</i> , <b>2020</b> , 13, 2731	3.1	18

110	Fabrication and Characterization of Ni-Doped ZnO Nanorod Arrays for UV Photodetector Application. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 067506	3.9	23
109	Characteristics of Gas Sensors Based on Co-Doped ZnO Nanorod Arrays. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 117503	3.9	27
108	Review Recent Advances in Carbon Nanomaterials as Electrochemical Biosensors. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 037555	3.9	148
107	UV Illumination and Au Nanoparticles Enhanced ZnO Nanorods Field Electron Emission Device. <i>IEEE Transactions on Electron Devices</i> , <b>2020</b> , 67, 304-308	2.9	9
106	Aluminum-doped zinc oxide nanorods and methyl alcohol gas sensor application. <i>Microsystem Technologies</i> , <b>2020</b> , 1	1.7	2
105	Fabrication and Characterization of UV Photodetectors with Cu-Doped ZnO Nanorod Arrays. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 027522	3.9	22
104	Platinum Nanoparticle-Decorated ZnO Nanorods Improved the Performance of Methanol Gas Sensor. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 147508	3.9	15
103	Multi-Walled Carbon Nanotubes Decorated with Silver Nanoparticles for Acetone Gas Sensing at Room Temperature. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 167519	3.9	44
102	Fabrication of Ultraviolet Photodetectors Based on Fe-Doped ZnO Nanorod Structures. <i>Sensors</i> , <b>2020</b> , 20,	3.8	23
101	Flexible Ultraviolet Photodetectors Based on One-Dimensional Gallium-Doped Zinc Oxide Nanostructures. <i>ACS Applied Electronic Materials</i> , <b>2020</b> , 2, 3522-3529	4	35
100	Metal and Carbon Filaments in Biomemory Devices through Controlling the Al/Apple Pectin Interface. <i>ACS Applied Electronic Materials</i> , <b>2020</b> , 2, 2798-2805	4	5
99	Improving the Performance of pH Sensors With One-Dimensional ZnO Nanostructures. <i>IEEE Sensors Journal</i> , <b>2019</b> , 19, 10972-10976	4	17
98	Wireless Zinc Oxide Based pH Sensor System. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, B3047-B3050	3.9	23
97	Carbon nanotubes with adsorbed Au nanoparticles for sensing propanone gas. <i>Microsystem Technologies</i> , <b>2019</b> , 1	1.7	4
96	ZnO Nanorod Humidity Sensor and Dye-Sensitized Solar Cells as a Self-Powered Device. <i>IEEE Transactions on Electron Devices</i> , <b>2019</b> , 66, 3978-3981	2.9	9
95	Self-Powered ZnO Nanorod Ultraviolet Photodetector Integrated with Dye-Sensitized Solar Cell. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, B1034-B1037	3.9	13
94	ZnO Nanorods Adsorbed with Photochemical Ag Nanoparticles for IOT and Field Electron Emission Application. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, B3043-B3045	3.9	16
93	Ethanol gas sensors based on multi-wall carbon nanotubes on oxidized Si substrate. <i>Microsystem Technologies</i> , <b>2018</b> , 24, 55-58	1.7	21

92	Synthesis and optoelectronic properties of Ga-doped ZnO nanorods by hydrothermal method. <i>Microsystem Technologies</i> , <b>2018</b> , 24, 103-107	1.7	12
91	Acetone gas sensors composed of carbon nanotubes with adsorbed Au nanoparticles on plastic substrate. <i>Microsystem Technologies</i> , <b>2018</b> , 24, 3973-3976	1.7	14
90	Improving Field Electron Emission Properties of ZnO Nanosheets with Ag Nanoparticles Adsorbed by Photochemical Method. <i>ACS Omega</i> , <b>2018</b> , 3, 8135-8140	3.9	21
89	Ammonia gas sensors with Au-decorated carbon nanotubes. <i>Microsystem Technologies</i> , <b>2018</b> , 24, 4207-4210	2.7	23
88	Electron Field Emission Enhancement Based on Pt-Adsorbed ZnO Nanorods With UV Irradiation. <i>IEEE Nanotechnology Magazine</i> , <b>2018</b> , 17, 1063-1068	2.6	13
87	Low-frequency noise properties of MgZnO nanorod ultraviolet photodetectors with and without UV illumination. <i>Sensors and Actuators A: Physical</i> , <b>2018</b> , 269, 363-368	3.9	30
86	UV-Enhanced 2-D Nanostructured ZnO Field Emitter With Adsorbed Pt Nanoparticles. <i>IEEE Electron Device Letters</i> , <b>2018</b> , 39, 1932-1935	4.4	6
85	High On/Off Ratio Field-Effect Transistor Based on Semiconducting Single-Walled Carbon Nanotubes by Selective Separation. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, M1-M4	2	5
84	High Response of Ultraviolet Photodetector Based on Al-Doped ZnO Nanosheet Structures. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2017</b> , 23, 1-5	3.8	34
83	Fabrication and Characterization of Aluminum-Doped ZnO Nanosheets for Field Emitter Application. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, P243-P246	2	2
82	Sensing Performance of Carbon Dioxide Gas Sensors with Carbon Nanotubes on Plastic Substrate. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, M72-M74	2	21
81	Field emission properties of Al-doped ZnO nanosheet based on field emitter device with UV exposure. <i>RSC Advances</i> , <b>2017</b> , 7, 14219-14223	3.7	13
80	Review Growth of Al-, Ga-, and In-Doped ZnO Nanostructures via a Low-Temperature Process and Their Application to Field Emission Devices and Ultraviolet Photosensors. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, B3013-B3028	3.9	65
79	Ethanol Gas Sensors Composed of Carbon Nanotubes with Au Nanoparticles Adsorbed onto a Flexible PI Substrate. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, M130-M132	2	23
78	Ultraviolet Photodetectors With 2-D Indium-Doped ZnO Nanostructures. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 1-5	2.9	19
77	Enhanced Field Emitter Base on Indium-Doped ZnO Nanostructures by Aqueous Solution. <i>ECS Journal of Solid State Science and Technology</i> , <b>2016</b> , 5, R203-R205	2	9
76	UV Enhanced Field Emission Properties of ZnO Nanosheets Grown on a Si Substrate. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 63-66	2.2	3
75	Improving FET Properties of Semiconducting Single-Walled Carbon Nanotubes by Selective Extraction. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 63, 1749-1753	2.9	

74	Carbon Nanotube Thin Films Functionalized via Loading of Au Nanoclusters for Flexible Gas Sensors Devices. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 63, 476-480	2.9	25
73	Synthesis of Ga-Doped ZnO Nanorods by Hydrothermal Method and Their Application to Ultraviolet Photodetector. <i>Inventions</i> , <b>2016</b> , 1, 3	2.9	13
72	Ultraviolet photodetectors with Ga-doped ZnO nanosheets structure. <i>Microelectronic Engineering</i> , <b>2015</b> , 148, 14-16	2.5	23
71	Field emission properties of ZnO nanosheets grown on a Si substrate. <i>Microelectronic Engineering</i> , <b>2015</b> , 148, 40-43	2.5	16
70	UV Enhanced Field Emission Properties of Ga-Doped ZnO Nanosheets. <i>IEEE Transactions on Electron Devices</i> , <b>2015</b> , 62, 2033-2037	2.9	12
69	CO2 Gas Sensors Based on Carbon Nanotube Thin Films Using a Simple Transfer Method on Flexible Substrate. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 7017-7020	4	34
68	Enhanced Carbon Nanotube Field Emitter With Adsorbed Au Nanoparticles. <i>IEEE Transactions on Electron Devices</i> , <b>2015</b> , 62, 4301-4304	2.9	2
67	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2015</b> , 21, 427-430	3.8	6
66	Ga-Doped ZnO Nanosheet Structure-Based Ultraviolet Photodetector by Low-Temperature Aqueous Solution Method. <i>IEEE Transactions on Electron Devices</i> , <b>2015</b> , 62, 2924-2927	2.9	26
65	. <i>IEEE Nanotechnology Magazine</i> , <b>2015</b> , 14, 776-781	2.6	11
64	High-Efficient Ultraviolet Photodetectors Based on TiO <sub>2</sub> /Ag/TiO <sub>2</sub> Multilayer Films. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 762-765	4	12
63	Applications of Advanced Nanomaterials to Microelectronic and Photonic Devices. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-1	3.2	2
62	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2015</b> , 21, 223-227	3.8	21
61	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2014</b> , 20, 89-95	3.8	4
60	UV Enhanced Field Emission Performance of Mg-Doped ZnO Nanorods. <i>IEEE Transactions on Electron Devices</i> , <b>2014</b> , 61, 1541-1545	2.9	25
59	. <i>IEEE Nanotechnology Magazine</i> , <b>2014</b> , 13, 238-244	2.6	27
58	Visible-Blind Photodetectors With Mg-Doped ZnO Nanorods. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 645-648	2.2	30
57	Novel Ga-ZnO Nanosheet Structures Applied in Ultraviolet Photodetectors. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 1317-1320	2.2	6

56	UV Enhanced Emission Performance of Low Temperature Grown Ga-Doped ZnO Nanorods. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 66-69	2.2	21
55	Photoconductive Gain and Noise Properties of ZnO Nanorods Schottky Barrier Photodiodes. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2014</b> , 20, 96-99	3.8	12
54	Enhanced Field Emission Properties of Ga-Doped ZnO Nanosheets by using an Aqueous Solution at Room Temperature. <i>IEEE Transactions on Electron Devices</i> , <b>2014</b> , 61, 4192-4196	2.9	15
53	Nanomaterials for Sensor Device Applications. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-1	3.2	1
52	ZnO Branched Nanowires and the p-CuO/n-ZnO Heterojunction Nanostructured Photodetector. <i>IEEE Nanotechnology Magazine</i> , <b>2013</b> , 12, 263-269	2.6	50
51	Carbon Nanotubes With Adsorbed Au for Sensing Gas. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 2423-2427	4	33
50	Adsorption sensitivity of Ag-decorated carbon nanotubes toward gas-phase compounds. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 188, 1230-1234	8.5	30
49	Low-Frequency Noise Characteristics of In-Doped ZnO Ultraviolet Photodetectors. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2043-2046	2.2	19
48	Low-Frequency Noise Characteristics of ZnO Nanorods Schottky Barrier Photodetectors. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 2115-2119	4	25
47	Field-Emission and Photoelectrical Characteristics of Ga <sub>2</sub> ZnO Nanorods Photodetector. <i>IEEE Transactions on Electron Devices</i> , <b>2013</b> , 60, 1905-1910	2.9	34
46	Improved Field Emission Properties of Ag-Decorated Multi-Walled Carbon Nanotubes. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 1017-1019	2.2	18
45	Optical and structural properties of Ga-doped ZnO nanorods. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 8320-4	1.3	4
44	Noise Properties of Fe-ZnO Nanorod Ultraviolet Photodetectors. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2089-2092	2.2	13
43	UV Enhanced Indium-Doped ZnO Nanorod Field Emitter. <i>IEEE Transactions on Electron Devices</i> , <b>2013</b> , 60, 3901-3906	2.9	12
42	Low-Frequency Noise Characteristics of GaN Schottky Barrier Photodetectors Prepared With Nickel Annealing. <i>IEEE Sensors Journal</i> , <b>2012</b> , 12, 2824-2829	4	6
41	Growth of gallium nitride on silicon by molecular beam epitaxy incorporating a chromium nitride interlayer. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 511, 1-4	5.7	8
40	Growth of InN nanorods prepared by plasma-assisted molecular beam epitaxy with varying Cr thicknesses. <i>Journal of Crystal Growth</i> , <b>2012</b> , 347, 113-118	1.6	2
39	Bending effects of ZnO nanorod metal-semiconductor-metal photodetectors on flexible polyimide substrate. <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 214	5	27

38	CuO Nanowire-Based Humidity Sensor. <i>IEEE Sensors Journal</i> , <b>2012</b> , 12, 1884-1888	4	35
37	Effect of Nickel Annealing on GaN-Based Photodetectors. <i>Electrochemical and Solid-State Letters</i> , <b>2012</b> , 15, H111		
36	Photoelectrical and Noise Characteristics of ZnO Nanowire Networks Photosensor. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 1173-1177	4	13
35	Effects of Ag nanoshape and AgGa phase in AgBi nanostructure using 2-step etching process. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 758-763	5.7	3
34	Growth and Characterization of ZnSe/CdSe Multiquantum Disks. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2011</b> , 17, 779-784	3.8	1
33	. <i>IEEE Transactions on Electron Devices</i> , <b>2011</b> , 58, 2036-2040	2.9	19
32	InN nanorods prepared with CrN nanoislands by plasma-assisted molecular beam epitaxy. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 442	5	1
31	Effects of crystallization on the optical properties of ZnO nano-pillar thin films by sol-gel method. <i>Current Applied Physics</i> , <b>2011</b> , 11, 1243-1248	2.6	17
30	ZnSe/ZnCdSeTe Superlattice Nanotips. <i>IEEE Nanotechnology Magazine</i> , <b>2011</b> , 10, 682-687	2.6	
29	. <i>IEEE Electron Device Letters</i> , <b>2011</b> , 32, 533-535	4.4	24
28	Photoconductive Gain of Vertical ZnO Nanorods on Flexible Polyimide Substrate by Low-Temperature Process. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 3457-3461	4	12
27	. <i>IEEE Electron Device Letters</i> , <b>2011</b> , 32, 339-341	4.4	7
26	Characteristics of photodetectors with TiO <sub>2</sub> nanorod arrays <b>2011</b> ,		1
25	Ir/n-ZnO Schottky Barrier Ultraviolet Photodiodes. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 1129-1133	4	3
24	Ultraviolet photodetectors based on MgZnO thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2011</b> , 29, 03A118	2.9	14
23	MgZnO Nanorod Homo Junction Photodetectors for Solar-Blind Detection. <i>Electrochemical and Solid-State Letters</i> , <b>2011</b> , 14, J55		11
22	High temperature characteristics of ZnO-based MOS-FETs with a photochemical vapor deposition SiO <sub>2</sub> gate dielectric. <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 147-149	3.9	11
21	Effect of Oxygen Plasma Treatment on Characteristics of TiO <sub>2</sub> Photodetectors. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 3031-3035	4	14

20	Improvement of (11-22) GaN on m-Plane Sapphire With CrN Interlayer by Using Molecular Beam Epitaxy. <i>Journal of the Electrochemical Society</i> , <b>2011</b> , 158, H983	3.9	9
19	Photoconductive Gain and Low-Frequency Noise Characteristics of ZnO Nanorods. <i>Electrochemical and Solid-State Letters</i> , <b>2011</b> , 14, J13		9
18	ZnCdSe nanowires grown by molecular beam epitaxy. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2010</b> , 28, 613-616	1.3	2
17	Characteristic Improvements of ZnO-Based Metal Semiconductor Metal Photodetector on Flexible Substrate with ZnO Cap Layer. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 052201	1.4	25
16	FABRICATION AND CHARACTERISTICS OF SILICON MICRO-TIP ARRAYS. <i>International Journal of Modern Physics B</i> , <b>2010</b> , 24, 5601-5611	1.1	2
15	GaN Metal Semiconductor Metal Photodetectors Prepared on Nanorod Template. <i>IEEE Photonics Technology Letters</i> , <b>2010</b> , 22, 625-627	2.2	7
14	GaN Schottky Barrier Photodetectors. <i>IEEE Sensors Journal</i> , <b>2010</b> , 10, 1609-1614	4	6
13	ZnSe/ZnSeTe Superlattice Nanotips. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 930-4	5	2
12	Magnetization Processes of (La <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> ) <sub>1-x</sub> (SiO <sub>2</sub> ) <sub>x</sub> Composites. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2010</b> , 23, 953-956	1.5	2
11	Thin film transistors based on TiO <sub>2</sub> fabricated by using radio-frequency magnetron sputtering. <i>Journal of Physics and Chemistry of Solids</i> , <b>2010</b> , 71, 1760-1762	3.9	5
10	Preparation and Characteristics of Flexible Nanorod-Based Photodetectors. <i>Journal of Nanoelectronics and Optoelectronics</i> , <b>2010</b> , 5, 300-303	1.3	6
9	Optoelectronic Characteristics of UV Photodetector Based on ZnO Nanopillar Thin Films Prepared by Sol-Gel Method. <i>Materials Transactions</i> , <b>2009</b> , 50, 922-925	1.3	12
8	Two-Step Etching Mechanism of Ag-Si Nanostructure with Various Ag Nanoshape Depositions. <i>Materials Transactions</i> , <b>2009</b> , 50, 1992-1997	1.3	
7	. <i>IEEE Nanotechnology Magazine</i> , <b>2008</b> , 7, 1-4	2.6	5
6	ZnO ultraviolet photodiodes with Pd contact electrodes. <i>Acta Materialia</i> , <b>2007</b> , 55, 329-333	8.4	53
5	Nanoindentation of vertical ZnO nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2007</b> , 39, 240-243	3	5
4	Characteristics of III-nitride photodiodes with self-assembled quantum dots. <i>Materials Letters</i> , <b>2007</b> , 61, 1619-1621	3.3	2
3	ZnO metal semiconductor metal ultraviolet photodetectors with Iridium contact electrodes. <i>IET Optoelectronics</i> , <b>2007</b> , 1, 135	1.5	9



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|---|--|-----|----|
| 2 | Buckling characterization of vertical ZnO nanowires using nanoindentation. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 033109   | 3-4 | 75 |
| 1 | Improvement of the UV-Sensing Performance of Ga-Doped ZnO Nanostructures via a Wet Chemical Solution at Room Temperature. <i>ECS Journal of Solid State Science and Technology</i> , | 2   | 7  |