

Dongdong Li

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

4,694
citations

39
h-index

65
g-index

132
ext. papers

5,357
ext. citations

7.9
avg, IF

5.54
L-index

#	Paper	IF	Citations
127	Tunable work function of molybdenum oxynitride for electron-selective contact in crystalline silicon solar cells. <i>Applied Physics Letters</i> , 2022 , 120, 123902	3.4	2
126	Progress and Future Prospects of Wide-Bandgap Metal-Compound-Based Passivating Contacts for Silicon Solar Cells.. <i>Advanced Materials</i> , 2022 , e2200344	24	5
125	Improved V2OX Passivating Contact for p-Type Crystalline Silicon Solar Cells by Oxygen Vacancy Modulation with a SiOX Tunnel Layer. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100989	4.6	2
124	Surface Passivation of ITO on Heterojunction Solar Cells with Enhanced Cell Performance and Module Reliability. <i>ECS Journal of Solid State Science and Technology</i> , 2021 , 10, 035008	2	3
123	Phase-Transition-Induced VO2 Thin Film IR Photodetector and Threshold Switching Selector for Optical Neural Network Applications. <i>Advanced Electronic Materials</i> , 2021 , 7, 2001254	6.4	8
122	Polarizable High-Index Nanoparticles Used for Light-Induced Crystal-Silicon Passivation and Dielectric Antenna for High-Efficiency Solar Cell. <i>Solar Rrl</i> , 2021 , 5, 2100169	7.1	
121	Post-annealing Effect on Optical and Electronic Properties of Thermally Evaporated MoO Thin Films as Hole-Selective Contacts for p-Si Solar Cells. <i>Nanoscale Research Letters</i> , 2021 , 16, 87	5	5
120	Interfacial Engineering of CuO Passivating Contact for Efficient Crystalline Silicon Solar Cells with an ALO Passivation Layer. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28415-28423	9.5	7
119	Recent progress of metal-halide perovskite-based tandem solar cells. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 4538-4564	7.8	5
118	Structural and optical studies of molybdenum oxides thin films obtained by thermal evaporation and atomic layer deposition methods for photovoltaic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 3475-3486	2.1	3
117	The rapidly reversible processes of activation and deactivation in amorphous silicon heterojunction solar cell under extensive light soaking. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 4045-4052	2.1	7
116	NiOx/MoOx bilayer as an efficient hole-selective contact in crystalline silicon solar cells. <i>Cell Reports Physical Science</i> , 2021 , 2, 100684	6.1	3
115	Light Propagation in Flexible Thin-Film Amorphous Silicon Solar Cells with Nanotextured Metal Back Reflectors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 26184-26192	9.5	23
114	Substrate-free flexible thin film solar cells by graphene-mediated peel-off technology. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 10279-10287	2.1	
113	Numerical study of mono-crystalline silicon solar cells with passivated emitter and rear contact configuration for the efficiency beyond 24% based on mass production technology. <i>Journal of Semiconductors</i> , 2020 , 41, 062701	2.3	8
112	Anisotropic performance of a superhydrophobic polyvinyl difluoride membrane with corrugated pattern in direct contact membrane distillation. <i>Desalination</i> , 2020 , 481, 114363	10.3	17
111	Thermoelectric properties of all-inorganic perovskite CsSnBr3: A combined experimental and theoretical study. <i>Chemical Physics Letters</i> , 2020 , 754, 137637	2.5	5

110	Bilayer MoO/CrO Passivating Contact Targeting Highly Stable Silicon Heterojunction Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 36778-36786	9.5	14
109	Silicon Solar Cells: Stable MoOX-Based Heterocontacts for p-Type Crystalline Silicon Solar Cells Achieving 20% Efficiency (Adv. Funct. Mater. 49/2020). <i>Advanced Functional Materials</i> , 2020 , 30, 2070325	15.6	1
108	Stable MoOX-Based Heterocontacts for p-Type Crystalline Silicon Solar Cells Achieving 20% Efficiency. <i>Advanced Functional Materials</i> , 2020 , 30, 2004367	15.6	14
107	Interfacial Behavior and Stability Analysis of p-Type Crystalline Silicon Solar Cells Based on Hole-Selective MoOX/Metal Contacts. <i>Solar Rrl</i> , 2019 , 3, 1900274	7.1	22
106	BiVO4 nanocrystals with controllable oxygen vacancies induced by Zn-doping coupled with graphene quantum dots for enhanced photoelectrochemical water splitting. <i>Chemical Engineering Journal</i> , 2019 , 372, 399-407	14.7	56
105	Impacts of alkaline on the defects property and crystallization kinetics in perovskite solar cells. <i>Nature Communications</i> , 2019 , 10, 1112	17.4	124
104	High Weight-Specific Power Density of Thin-Film Amorphous Silicon Solar Cells on Graphene Papers. <i>Nanoscale Research Letters</i> , 2019 , 14, 324	5	2
103	Slippery for scaling resistance in membrane distillation: A novel porous micropillared superhydrophobic surface. <i>Water Research</i> , 2019 , 155, 152-161	12.5	107
102	Interfacial Behavior and Stability Analysis of p-Type Crystalline Silicon Solar Cells Based on Hole-Selective MoOX/Metal Contacts. <i>Solar Rrl</i> , 2019 , 3, 1970105	7.1	4
101	Antireflective and self-cleaning glass with robust moth-eye surface nanostructures for photovoltaic utilization. <i>Materials Research Bulletin</i> , 2019 , 109, 183-189	5.1	28
100	Boosting Charge Separation and Transfer by Plasmon-Enhanced MoS2/BiVO4 p-n Heterojunction Composite for Efficient Photoelectrochemical Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6378-6387	8.3	56
99	High-Performance Dye-Sensitized Solar Cells Based on Colloid-Solution Deposition Planarized Fluorine-Doped Tin Oxide Substrates. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15697-15703	9.5	7
98	New-generation integrated devices based on dye-sensitized and perovskite solar cells. <i>Energy and Environmental Science</i> , 2018 , 11, 476-526	35.4	277
97	Phase-Separation-Induced PVDF/Graphene Coating on Fabrics toward Flexible Piezoelectric Sensors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 30732-30740	9.5	72
96	Flexible Asymmetric Supercapacitors Based on Nitrogen-Doped Graphene Hydrogels with Embedded Nickel Hydroxide Nanoplates. <i>ChemSusChem</i> , 2017 , 10, 2301-2308	8.3	32
95	Enhanced CMOS image sensor by flexible 3D nanocone anti-reflection film. <i>Science Bulletin</i> , 2017 , 62, 130-135	10.6	6
94	Wafer-Scale Highly Ordered Anodic Aluminum Oxide by Soft Nanoimprinting Lithography for Optoelectronics Light Management. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1601116	4.6	20
93	Fast fabrication of TiO2 hard stamps for nanoimprint lithography. <i>Materials Research Bulletin</i> , 2017 , 90, 253-259	5.1	17

92	Efficient and Flexible Thin Film Amorphous Silicon Solar Cells on Nanotextured Polymer Substrate Using Sol-gel Based Nanoimprinting Method. <i>Advanced Functional Materials</i> , 2017 , 27, 1604720	15.6	38
91	Improved growth rate of anodized TiO ₂ nanotube arrays under reduced pressure field and light illumination. <i>Science Bulletin</i> , 2017 , 62, 332-338	10.6	4
90	Reply to Comment on "Flexible Asymmetric Supercapacitors Based on Nitrogen-Doped Graphene Hydrogels with Embedded Nickel Hydroxide Nanoplates". <i>ChemSusChem</i> , 2017 , 10, 2312-2315	8.3	
89	Scalable Production of Mechanically Robust Antireflection Film for Omnidirectional Enhanced Flexible Thin Film Solar Cells. <i>Advanced Science</i> , 2017 , 4, 1700079	13.6	12
88	Thin crystalline silicon with double-sided nano-hole array fabricated by soft UV-NIL and RIE. <i>Materials Research Express</i> , 2017 , 4, 055005	1.7	1
87	The effect of anions on the electrochemical properties of polyaniline for supercapacitors. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 14030-14041	3.6	33
86	Microstructured superhydrophobic anti-reflection films for performance improvement of photovoltaic devices. <i>Materials Research Bulletin</i> , 2017 , 91, 208-213	5.1	20
85	Electrodeposition of polyaniline in long TiO ₂ nanotube arrays for high-area capacitance supercapacitor electrodes. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 2349-2354	2.6	12
84	Boosting electrocatalytic activities of plasmonic metallic nanostructures by tuning the kinetic pre-exponential factor. <i>Journal of Catalysis</i> , 2017 , 354, 160-168	7.3	12
83	Determination of the field strength and realization of the high-field anodization of aluminum. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 21696-21706	3.6	10
82	Flexible broadband plasmonic absorber on moth-eye substrate. <i>Materials Today Energy</i> , 2017 , 5, 181-186	7	20
81	Derivation of a Mathematical Model for the Growth of Anodic TiO ₂ Nanotubes under Constant Current Conditions. <i>Journal of the Electrochemical Society</i> , 2017 , 164, E187-E193	3.9	37
80	Tungsten based anisotropic metamaterial as an ultra-broadband absorber. <i>Optical Materials Express</i> , 2017 , 7, 606	2.6	51
79	Photoelectrochemical water splitting strongly enhanced in fast-grown ZnO nanotree and nanocluster structures. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10203-10211	13	47
78	Fabrication and supercapacitive performance of long anodic TiO ₂ nanotube arrays using constant current anodization. <i>Electrochemistry Communications</i> , 2016 , 68, 23-27	5.1	45
77	3D periodic multiscale TiO ₂ architecture: a platform decorated with graphene quantum dots for enhanced photoelectrochemical water splitting. <i>Nanotechnology</i> , 2016 , 27, 115401	3.4	45
76	High performance thin film solar cells on plastic substrates with nanostructure-enhanced flexibility. <i>Nano Energy</i> , 2016 , 22, 539-547	17.1	53
75	Enhancement of power conversion efficiency of dye sensitized solar cells by modifying mesoporous TiO ₂ photoanode with Al-doped TiO ₂ layer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 319-320, 62-69	4.7	39

74	Valence Band Edge Shifts and Charge-transfer Dynamics in Li-Doped NiO Based p-type DSSCs. <i>Electrochimica Acta</i> , 2016 , 188, 309-316	6.7	30
73	Plasmonic Pd Nanoparticle- and Plasmonic Pd Nanorod-Decorated BiVO ₄ Electrodes with Enhanced Photoelectrochemical Water Splitting Efficiency Across Visible-NIR Region. <i>Nanoscale Research Letters</i> , 2016 , 11, 283	5	28
72	Periodic molybdenum disc array for light trapping in amorphous silicon layer. <i>AIP Advances</i> , 2016 , 6, 055305	10.5	2
71	Broad-band three dimensional nanocave ZnO thin film photodetectors enhanced by Au surface plasmon resonance. <i>Nanoscale</i> , 2016 , 8, 8924-30	7.7	36
70	Dual-Layer Nanostructured Flexible Thin-Film Amorphous Silicon Solar Cells with Enhanced Light Harvesting and Photoelectric Conversion Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10929-36	9.5	43
69	UV photodetectors based on 3D periodic Au-decorated nanocone ZnO films. <i>Nanotechnology</i> , 2016 , 27, 365303	3.4	14
68	The effect of Ni(CH ₃ COO) ₂ post-treatment on the charge dynamics in p-type NiO dye-sensitized solar cells. <i>Journal of Materials Science</i> , 2015 , 50, 6668-6676	4.3	15
67	Effect of water content on ionic current, electronic current, and nanotube morphology in Ti anodizing process. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 1403-1409	2.6	11
66	Theoretical derivation of anodizing current and comparison between fitted curves and measured curves under different conditions. <i>Nanotechnology</i> , 2015 , 26, 145603	3.4	71
65	Combined Au-plasmonic nanoparticles with mesoporous carbon material (CMK-3) for photocatalytic water splitting. <i>Applied Physics Letters</i> , 2015 , 107, 073904	3.4	5
64	Influence of interface properties on charge density, band edge shifts and kinetics of the photoelectrochemical process in p-type NiO photocathodes. <i>RSC Advances</i> , 2015 , 5, 71778-71784	3.7	21
63	Highly Efficient Flexible Perovskite Solar Cells with Antireflection and Self-Cleaning Nanostructures. <i>ACS Nano</i> , 2015 , 9, 10287-95	16.7	274
62	Quantitative relationship between nanotube length and anodizing current during constant current anodization. <i>Electrochimica Acta</i> , 2015 , 180, 147-154	6.7	48
61	Performance optimization of flexible a-Si:H solar cells with nanotextured plasmonic substrate by tuning the thickness of oxide spacer layer. <i>Nano Energy</i> , 2015 , 11, 78-87	17.1	29
60	Understanding the Enhancement Mechanisms of Surface Plasmon-Mediated Photoelectrochemical Electrodes: A Case Study on Au Nanoparticle Decorated TiO ₂ Nanotubes. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500169	4.6	63
59	High-Performance and Omnidirectional Thin-Film Amorphous Silicon Solar Cell Modules Achieved by 3D Geometry Design. <i>Advanced Materials</i> , 2015 , 27, 6747-52	24	27
58	Silicon Solar Cells: High-Performance and Omnidirectional Thin-Film Amorphous Silicon Solar Cell Modules Achieved by 3D Geometry Design (Adv. Mater. 42/2015). <i>Advanced Materials</i> , 2015 , 27, 6768-6768	24	4
57	Effects of acetyl acetone-typed co-adsorbents on the interface charge recombination in dye-sensitized solar cell photoanodes. <i>Electrochimica Acta</i> , 2015 , 154, 190-196	6.7	12

56	Inverted nanotaper-based Ag film for optical absorption and SERS applications. <i>Journal of Alloys and Compounds</i> , 2015 , 632, 634-638	5.7	10
55	Growth of anodic TiO ₂ nanotubes in mixed electrolytes and novel method to extend nanotube diameter. <i>Electrochimica Acta</i> , 2015 , 160, 33-42	6.7	28
54	Roll-to-roll fabrication of large scale and regular arrays of three-dimensional nanospikes for high efficiency and flexible photovoltaics. <i>Scientific Reports</i> , 2014 , 4, 4243	4.9	57
53	Three-Dimensional Structural Engineering for Energy-Storage Devices: From Microscope to Macroscope. <i>ChemElectroChem</i> , 2014 , 1, 975-1002	4.3	45
52	Morphology Defects Guided Pore Initiation during the Formation of Porous Anodic Alumina. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2285-91	9.5	32
51	Flexible photovoltaic technologies. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1233	7.1	87
50	High-performance and renewable supercapacitors based on TiO ₂ nanotube array electrodes treated by an electrochemical doping approach. <i>Electrochimica Acta</i> , 2014 , 116, 129-136	6.7	204
49	Templated deposition of multiscale periodic metallic nanodot arrays with sub-10 nm gaps on rigid and flexible substrates. <i>Nanotechnology</i> , 2014 , 25, 465303	3.4	4
48	Simulation and Separation of Anodizing Current-Time Curves, Morphology Evolution of TiO ₂ Nanotubes Anodized at Various Temperatures. <i>Journal of the Electrochemical Society</i> , 2014 , 161, H891-H895	3.9	15
47	Spatially controllable plasmon enhanced water splitting photocurrent in Au/TiO ₂ /Fe ₂ O ₃ cocatalyst system. <i>RSC Advances</i> , 2014 , 4, 45710-45714	3.7	17
46	Large scale, flexible and three-dimensional quasi-ordered aluminum nanospikes for thin film photovoltaics with omnidirectional light trapping and optimized electrical design. <i>Energy and Environmental Science</i> , 2014 , 7, 3611-3616	35.4	41
45	Enhanced electroactivity at physiological pH for polyaniline in three-dimensional titanium oxide nanotube matrix. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 15796-9	3.6	6
44	Enhanced photoelectrochemical water splitting performance of anodic TiO ₂ nanotube arrays by surface passivation. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17053-8	9.5	96
43	Light Management with Nanostructures for Optoelectronic Devices. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1479-95	6.4	127
42	Fabrication of large diameter TiO ₂ nanotubes for improved photoelectrochemical performance. <i>Materials Research Bulletin</i> , 2014 , 60, 348-352	5.1	13
41	Efficient suppression of nanograss during porous anodic TiO ₂ nanotubes growth. <i>Applied Surface Science</i> , 2014 , 314, 505-509	6.7	21
40	Facile method to enhance the adhesion of TiO ₂ nanotube arrays to Ti substrate. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8001-5	9.5	110
39	Integrated Photo-supercapacitor Based on Bi-polar TiO ₂ Nanotube Arrays with Selective One-Side Plasma-Assisted Hydrogenation. <i>Advanced Functional Materials</i> , 2014 , 24, 1840-1846	15.6	140

38	Inverted nanocone-based thin film photovoltaics with omnidirectionally enhanced performance. <i>ACS Nano</i> , 2014 , 8, 6484-90	16.7	74
37	Coupled optical and electrical modeling of thin-film amorphous silicon solar cells based on nanodent plasmonic substrates. <i>Nano Energy</i> , 2014 , 8, 141-149	17.1	23
36	Forming Process of Anodic TiO ₂ Nanotubes under a Preformed Compact Surface Layer. <i>Journal of the Electrochemical Society</i> , 2014 , 161, E135-E141	3.9	62
35	High electro-catalytic counter electrode based on three-dimensional conductive grid for dye-sensitized solar cell. <i>Chemical Engineering Journal</i> , 2014 , 255, 424-430	14.7	12
34	Electropolymerization of Aniline onto Anodic WO ₃ Film: An Approach to Extend Polyaniline Electroactivity Beyond pH 7. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 27449-27458	3.8	34
33	Performance enhancement of thin-film amorphous silicon solar cells with low cost nanodent plasmonic substrates. <i>Energy and Environmental Science</i> , 2013 , 6, 2965	35.4	67
32	A simple route for decorating TiO ₂ nanoparticle over ZnO aggregates dye-sensitized solar cell. <i>Chemical Engineering Journal</i> , 2013 , 229, 190-196	14.7	32
31	Electrochemically hydrogenated TiO ₂ nanotubes with improved photoelectrochemical water splitting performance. <i>Nanoscale Research Letters</i> , 2013 , 8, 391	5	110
30	Enhanced supercapacitance in anodic TiO ₂ nanotube films by hydrogen plasma treatment. <i>Nanotechnology</i> , 2013 , 24, 455401	3.4	105
29	SnO ₂ @Si core-shell nanowire arrays on carbon cloth as a flexible anode for Li ion batteries. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 13433	13	69
28	Improved electron-collection performance of dye sensitized solar cell based on three-dimensional conductive grid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 259, 10-16	4.7	4
27	Molecular-scale interface engineering of metal nanoparticles for plasmon-enhanced dye sensitized solar cells. <i>Dalton Transactions</i> , 2013 , 42, 5330-7	4.3	23
26	Structural engineering for high energy and voltage output supercapacitors. <i>Chemistry - A European Journal</i> , 2013 , 19, 6451-8	4.8	18
25	Fabrication and Formation Mechanism of Triple-Layered TiO ₂ Nanotubes. <i>Journal of the Electrochemical Society</i> , 2013 , 160, E125-E129	3.9	31
24	WE-C-103-03: Design of a Novel 3D Field Emission Electron Source for High Power X-Ray Tube. <i>Medical Physics</i> , 2013 , 40, 481-481	4.4	
23	Quantum transport in indium nitride nanowires. <i>Physical Review B</i> , 2011 , 83,	3.3	12
22	Flexible Symmetric Supercapacitors Based on TiO ₂ and Carbon Nanotubes. <i>IEEE Nanotechnology Magazine</i> , 2011 , 10, 706-709	2.6	17
21	Prototype of a scalable core-shell Cu ₂ O/TiO ₂ solar cell. <i>Chemical Physics Letters</i> , 2011 , 501, 446-450	2.5	62

20	Temperature-dependent photoconductance of heavily doped ZnO nanowires. <i>Nano Research</i> , 2011 , 4, 1110-1116	10	13
19	Flexible Dye-Sensitized Solar Cell Based on Vertical ZnO Nanowire Arrays. <i>Nanoscale Research Letters</i> , 2011 , 6, 38	5	33
18	Formation of anodic aluminum oxide with serrated nanochannels. <i>Nano Letters</i> , 2010 , 10, 2766-71	11.5	98
17	Effects on Electronic Properties of Molecule Adsorption on CuO Surfaces and Nanowires. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 17120-17126	3.8	88
16	Applications of Tunable TiO ₂ Nanotubes as Nanotemplate and Photovoltaic Device. <i>Chemistry of Materials</i> , 2010 , 22, 5707-5711	9.6	69
15	Conductometric chemical sensor based on individual CuO nanowires. <i>Nanotechnology</i> , 2010 , 21, 485502	3.4	120
14	Tunable wettability of metallic films with assistance of porous anodic aluminum oxide. <i>Frontiers of Optoelectronics in China</i> , 2010 , 3, 317-320		
13	Fabrication and magnetic behavior of chemical deposited NiB nanowire and nanotube arrays. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009 , 41, 349-352	3	9
12	Self-Assembly of Periodic Serrated Nanostructures. <i>Chemistry of Materials</i> , 2009 , 21, 253-258	9.6	35
11	Weak localization and electron-electron interactions in indium-doped ZnO nanowires. <i>Nano Letters</i> , 2009 , 9, 3991-5	11.5	44
10	Piezoelectric PZT thick films on LaNiO ₃ buffered stainless steel foils for flexible device applications. <i>Journal Physics D: Applied Physics</i> , 2008 , 42, nihpa129997	3	10
9	Investigation on highly ordered porous anodic alumina membranes formed by high electric field anodization. <i>Materials Chemistry and Physics</i> , 2008 , 111, 168-171	4.4	11
8	Fabrication of ZnO nanotubes with ultrathin wall by electrodeposition method. <i>Materials Letters</i> , 2008 , 62, 3114-3116	3.3	33
7	Fabrication of porous anodic alumina membranes with ultrathick barrier layer. <i>Materials Letters</i> , 2008 , 62, 3228-3231	3.3	6
6	Magnetic force microscopy observation of undercooled Fe ₈₁ Ga ₁₉ magnetostrictive alloys. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 205405	3	9
5	Template-based Synthesis and Magnetic Properties of Cobalt Nanotube Arrays. <i>Advanced Materials</i> , 2008 , 20, 4575-4578	24	86
4	The study on oxygen bubbles of anodic alumina based on high purity aluminum. <i>Materials Letters</i> , 2005 , 59, 3160-3163	3.3	36
3	Comparison of Energy Efficiency Between Fixed-speed and Variable-speed Wind Turbines. <i>Energy Engineering: Journal of the Association of Energy Engineers</i> , 2004 , 101, 71-80	0.6	2

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| 2 | High-performance hole-selective V ₂ O ₅ /SiO ₂ /NiO _x contact for crystalline silicon solar cells. <i>EcoMat</i> , | 9.4 | 3 |
| 1 | Stable Molybdenum Nitride Contact for Efficient Silicon Solar Cells. <i>Physica Status Solidi - Rapid Research Letters</i> ,2100159 | 2.5 | 4 |