

C-S Lee

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/745120/c-s-lee-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

990
papers

49,048
citations

111
h-index

169
g-index

1,035
ext. papers

55,000
ext. citations

7.8
avg, IF

7.71
L-index

#	Paper	IF	Citations
990	Surface Molecular Functionalization of Unusual Phase Metal Nanomaterials for Highly Efficient Electrochemical Carbon Dioxide Reduction under Industry-Relevant Current Density.. <i>Small</i> , 2022 , e2106766	11.7	7
989	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels.. <i>Small</i> , 2022 , e2106215	11	11
988	Amplifying Free Radical Generation of AIE Photosensitizer with Small Singlet-Triplet Splitting for Hypoxia-Overcoming Photodynamic Therapy.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	4
987	Using fullerene fragments as acceptors to construct thermally activated delayed fluorescence emitters for high-efficiency organic light-emitting diodes. <i>Chemical Engineering Journal</i> , 2022 , 435, 134731	14.7	2
986	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels (Small 6/2022). <i>Small</i> , 2022 , 18, 2270025	11	
985	Side chain engineering of semiconducting polymers for improved NIR-II fluorescence imaging and photothermal therapy. <i>Chemical Engineering Journal</i> , 2022 , 428, 132098	14.7	5
984	Mainstream Optimization Strategies for Cathode Materials of Sodium-Ion Batteries. <i>Small Structures</i> , 2022 , 3, 2100217	8.7	19
983	Anchoring Copper Single Atoms on Porous Boron Nitride Nanofiber to Boost Selective Reduction of Nitroaromatics.. <i>ACS Nano</i> , 2022 ,	16.7	5
982	Stepwise Access of Emissive Ir(III) Complexes Bearing a Multi-Dentate Heteroaromatic Chelate: Fundamentals and Applications.. <i>Inorganic Chemistry</i> , 2022 , 61, 4384-4393	5.1	1
981	Manipulating Crystallization Kinetics in High-Performance Blade-Coated Perovskite Solar Cells via Cosolvent-Assisted Phase Transition.. <i>Advanced Materials</i> , 2022 , e2200276	24	11
980	Deep-Blue OLEDs with Rec.2020 Blue Gamut Compliance and EQE over 22% Achieved by Conformation Engineering.. <i>Advanced Materials</i> , 2022 , e2200537	24	8
979	Rational Design Strategy of Novel Energy Storage Systems: Toward High-Performance Rechargeable Magnesium Batteries.. <i>Small</i> , 2022 , e2200418	11	4
978	Confined growth of silver-copper Janus nanostructures with {100} facets for highly selective tandem electrocatalytic carbon dioxide reduction.. <i>Advanced Materials</i> , 2022 , e2110607	24	10
977	Molecular Programming of NIR-IIb-Emissive Semiconducting Small Molecules for In Vivo High-Contrast Bioimaging Beyond 1500 nm.. <i>Advanced Materials</i> , 2022 , e2201263	24	7
976	High Open Circuit Voltage Over 1 V Achieved in Tin-Based Perovskite Solar Cells with a 2D/3D Vertical Heterojunction.. <i>Advanced Science</i> , 2022 , e2200242	13.6	9
975	Centimeter-scale hole diffusion and its application in organic light-emitting diodes.. <i>Science Advances</i> , 2022 , 8, eabm1999	14.3	1
974	Optimizing Intermolecular Interactions and Energy Level Alignments of Red TADF Emitters for High-Performance Organic Light-Emitting Diodes.. <i>Small</i> , 2022 , e2201548	11	4

973	Triplet harvesting aryl carbonyl-based luminescent materials: progress and prospective. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 17233-17264	7.1	2
972	Fabricating Na/In/C Composite Anode with Natrophilic Na-In Alloy Enables Superior Na Ion Deposition in the EC/PC Electrolyte. <i>Nano-Micro Letters</i> , 2021 , 14, 23	19.5	2
971	An aqueous aluminum-ion electrochromic full battery with water-in-salt electrolyte for high-energy density. <i>Energy Storage Materials</i> , 2021 , 44, 497-497	19.4	7
970	Efficient Pyrazolo[5,4-f]quinoxaline Functionalized Os(II) Based Emitter with an Electroluminescence Peak Maximum at 811 nm. <i>Chemistry - A European Journal</i> , 2021 , 28, e202103202	4.8	1
969	Room-temperature multiple ligands-tailored SnO quantum dots endow in situ dual-interface binding for upscaling efficient perovskite photovoltaics with high V. <i>Light: Science and Applications</i> , 2021 , 10, 239	16.7	10
968	Recent Advances in Hypoxia-Overcoming Strategy of Aggregation-Induced Emission Photosensitizers for Efficient Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2021 , e2101607	10.1	2
967	Two-Channel Space Charge Transfer-Induced Thermally Activated Delayed Fluorescent Materials for Efficient OLEDs with Low Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 49066-49075	9.5	9
966	2D materials for conducting holes from grain boundaries in perovskite solar cells. <i>Light: Science and Applications</i> , 2021 , 10, 68	16.7	26
965	Recent Progress of Alkyl Radicals Generation-Based Agents for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100055	10.1	5
964	A Diradicaloid Small Molecular Nanotheranostic with Strong Near-Infrared Absorbance for Effective Cancer Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15983-15991	9.5	12
963	Marriage of 2D Covalent-Organic Framework and 3D Network as Stable Solar-Thermal Still for Efficient Solar Steam Generation.. <i>Small Methods</i> , 2021 , 5, e2100036	12.8	9
962	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-II Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 11864-11868	3.6	2
961	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-II Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11758-11762	16.4	28
960	Ultrasound-Enhanced Self-Exciting Photodynamic Therapy Based on Hypocrellin B. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1221-1224	4.5	1
959	A double-crosslinked self-healing antibacterial hydrogel with enhanced mechanical performance for wound treatment. <i>Acta Biomaterialia</i> , 2021 , 124, 139-152	10.8	19
958	Thermally Activated Delayed Fluorescence Warm White Organic Light Emitting Devices with External Quantum Efficiencies Over 30%. <i>Advanced Functional Materials</i> , 2021 , 31, 2101647	15.6	17
957	Compact Biomimetic Hair Sensors Based on Single Silicon Nanowires for Ultrafast and Highly-Sensitive Airflow Detection. <i>Nano Letters</i> , 2021 , 21, 4684-4691	11.5	7
956	Highly Efficient Sky-Blue Perovskite Light-Emitting Diode Via Suppressing Nonradiative Energy Loss. <i>Chemistry of Materials</i> , 2021 , 33, 4154-4162	9.6	15

955	High-Performance Nondoped Organic Light-Emitting Diode Based on a Thermally Activated Delayed Fluorescence Emitter with 1D Intermolecular Hydrogen Bonding Interactions. <i>Advanced Optical Materials</i> , 2021 , 9, 2100461	8.1	8
954	A sterically shielded design on anthracene-based emitters for efficient deep-blue organic light-emitting diodes. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130035	3.4	1
953	Self-assembly of Amphiphilic Porphyrins To Construct Nanoparticles for Highly Efficient Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021 , 27, 11195-11204	4.8	2
952	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30274-30283	9.5	10
951	Organic Semiconducting Macromolecular Dyes for NIR-II Photoacoustic Imaging and Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2104650	15.6	14
950	Charge-transfer complexes and their applications in optoelectronic devices. <i>Materials Today Energy</i> , 2021 , 20, 100644	7	9
949	Revealing the role of 1,2,4-triazolate fragment of blue-emitting bis-tridentate Ir(III) phosphors: photophysical properties, photo-stabilities, and applications. <i>Materials Today Energy</i> , 2021 , 20, 100636	7	4
948	Aligned Millineedle Arrays for Solar Power Seawater Desalination with Site-Specific Salt Formation. <i>Small</i> , 2021 , 17, e2101487	11	7
947	3D Triptycene-Fused Acridine Electron Donor Enables High-Efficiency Nondoped Thermally Activated Delayed Fluorescent OLEDs. <i>Advanced Optical Materials</i> , 2021 , 9, 2100273	8.1	6
946	Top-emitting thermally activated delayed fluorescence organic light-emitting devices with weak light-matter coupling. <i>Light: Science and Applications</i> , 2021 , 10, 116	16.7	24
945	Multifunctional Crosslinking-Enabled Strain-Regulating Crystallization for Stable, Efficient FAPbI_3 -Based Perovskite Solar Cells. <i>Advanced Materials</i> , 2021 , 33, e2008487	24	34
944	Aqueous MnVO ₂ -Zn Battery with High Operating Voltage and Energy Density. <i>Small</i> , 2021 , 17, e2008182	11	5
943	High Performance NIR OLEDs with Low Efficiency Roll-Off by Leveraging Os(II) Phosphors and Exciplex Co-Host. <i>Advanced Functional Materials</i> , 2021 , 31, 2102787	15.6	6
942	Oxygen-Incorporated NiMoP Nanotube Arrays as Efficient Bifunctional Electrocatalysts For Urea-Assisted Energy-Saving Hydrogen Production in Alkaline Electrolyte. <i>Advanced Functional Materials</i> , 2021 , 31, 2104951	15.6	39
941	Plasmonic-doped melanin-mimic for CXCR4-targeted NIR-II photoacoustic computed tomography-guided photothermal ablation of orthotopic hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2021 , 129, 245-257	10.8	7
940	Contact lenses coated with hybrid multifunctional ternary nanocoatings (Phytomolecule-coated ZnO nanoparticles:Gallic Acid:Tobramycin) for the treatment of bacterial and fungal keratitis. <i>Acta Biomaterialia</i> , 2021 , 128, 262-276	10.8	11
939	A Ca-Ion Electrochromic Battery via a Water-in-Salt Electrolyte. <i>Advanced Functional Materials</i> , 2021 , 31, 2104639	15.6	8
938	Suppressing Ion Migration across Perovskite Grain Boundaries by Polymer Additives. <i>Advanced Functional Materials</i> , 2021 , 31, 2006802	15.6	33

937	Managing Locally Excited and Charge-Transfer Triplet States to Facilitate Up-Conversion in Red TADF Emitters That Are Available for Both Vacuum- and Solution-Processes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2478-2484	16.4	49
936	Recent Progress on Carbon Nitride and Its Hybrid Photocatalysts for CO2 Reduction. <i>Solar Rrl</i> , 2021 , 5, 2000478	7.1	16
935	Anthracene-based fluorescent emitters toward superior-efficiency nondoped TTA-OLEDs with deep blue emission and low efficiency roll-off. <i>Chemical Engineering Journal</i> , 2021 , 421, 127748	14.7	12
934	Stable Radical nanoparticles as versatile photosensitizers for effective hypoxia-overcoming photodynamic therapy. <i>Materials Horizons</i> , 2021 , 8, 571-576	14.4	21
933	Zwitterionic ultrathin covalent organic polymers for high-performance electrocatalytic carbon dioxide reduction. <i>Applied Catalysis B: Environmental</i> , 2021 , 284, 119750	21.8	8
932	Near-infrared small molecule coupled with rigidness and flexibility for high-performance multimodal imaging-guided photodynamic and photothermal synergistic therapy. <i>Nanoscale Horizons</i> , 2021 , 6, 177-185	10.8	26
931	Managing Locally Excited and Charge-Transfer Triplet States to Facilitate Up-Conversion in Red TADF Emitters That Are Available for Both Vacuum- and Solution-Processes. <i>Angewandte Chemie</i> , 2021 , 133, 2508-2514	3.6	12
930	Multifunctional oligomer sponge for efficient solar water purification and oil cleanup. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 2104-2110	13	5
929	Armoring SiOx with a conformal LiF layer to boost lithium storage. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 7807-7816	13	4
928	3D Ag@C Cloth for Stable Anode Free Sodium Metal Batteries.. <i>Small Methods</i> , 2021 , 5, e2001050	12.8	14
927	Constructing deep-blue bis-tridentate Ir(III) phosphors with fluorene-based dianionic chelates. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1318-1325	7.1	4
926	DTX@VTX NPs synergy PD-L1 immune checkpoint nanoinhibitor to reshape immunosuppressive tumor microenvironment for enhancing chemo-immunotherapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7544-7556	7.3	0
925	Mechanisms of sodiation in anatase TiO2 in terms of equilibrium thermodynamics and kinetics. <i>Nanoscale Advances</i> , 2021 , 3, 4702-4713	5.1	1
924	Achieving high singlet-oxygen generation by applying the heavy-atom effect to thermally activated delayed fluorescent materials. <i>Chemical Communications</i> , 2021 , 57, 4902-4905	5.8	8
923	Single molecular nanomedicine with NIR light-initiated superoxide radical, singlet oxygen and thermal generation for hypoxia-overcoming cancer therapy. <i>Nanoscale</i> , 2021 , 13, 8012-8016	7.7	2
922	AlO buffer-facilitated epitaxial growth of high-quality ZnO/ZnS core/shell nanorod arrays. <i>Nanoscale</i> , 2021 , 13, 11525-11533	7.7	2
921	Recent Progress on Carbon Nitride and Its Hybrid Photocatalysts for CO2 Reduction. <i>Solar Rrl</i> , 2021 , 5, 2170022	7.1	1
920	Redox Photochemistry on Van Der Waals Surfaces for Reversible Doping in 2D Materials. <i>Advanced Functional Materials</i> , 2021 , 31, 2009166	15.6	4

919	Photochemical Synthesis of Nonplanar Small Molecules with Ultrafast Nonradiative Decay for Highly Efficient Phototheranostics. <i>Advanced Materials</i> , 2021 , 33, e2102799	24	2
918	Multi-Synergistic Removal of Low-Boiling-Point Contaminants with Efficient Carbon Aerogel-Based Solar Purifier. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31624-31634	9.5	8
917	Approaching Efficient and Narrow RGB Electroluminescence from D-A-Type TADF Emitters Containing an Identical Multiple Resonance Backbone as the Acceptor. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 36089-36097	9.5	17
916	Dilute Aqueous-Aprotic Hybrid Electrolyte Enabling a Wide Electrochemical Window through Solvation Structure Engineering. <i>Advanced Materials</i> , 2021 , 33, e2102390	24	11
915	Plasma-assisted synthesis of nickel-cobalt nitride/oxide hybrids for high-efficiency electrochemical hydrogen evolution. <i>Materials Today Energy</i> , 2021 , 21, 100784	7	6
914	Efficient Perovskite White Light-Emitting Diode Based on an Interfacial Charge-Confinement Structure. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 44991-45000	9.5	3
913	Unveiling the Critical Intermediate Stages During Chemical Vapor Deposition of Two-Dimensional Rhenium Diselenide. <i>Chemistry of Materials</i> , 2021 , 33, 7039-7046	9.6	0
912	Amphiphilic Diketopyrrolopyrrole Derivatives for Efficient Near-Infrared Fluorescence Imaging and Photothermal Therapy. <i>ACS Omega</i> , 2021 , 6, 26575-26582	3.9	1
911	Deep-blue high-efficiency triplet-triplet annihilation organic light-emitting diodes using donor- and acceptor-modified anthracene fluorescent emitters. <i>Materials Today Energy</i> , 2021 , 21, 100727	7	10
910	Characterizing the Conformational Distribution in an Amorphous Film of an Organic Emitter and Its Application in a "Self-Doping" Organic Light-Emitting Diode. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25878-25883	16.4	11
909	Chemical analysis and identification the fluorophores of photoluminescent carbon dots beyond infrared and X-ray photoelectron energy spectra. <i>Dyes and Pigments</i> , 2021 , 195, 109750	4.6	1
908	Development and challenges of electrode materials for rechargeable Mg batteries. <i>Energy Storage Materials</i> , 2021 , 42, 687-704	19.4	5
907	Versatile azaryl-ketone-based blue AIEgens for efficient organic light-emitting diodes. <i>Dyes and Pigments</i> , 2021 , 195, 109729	4.6	1
906	A multifunctional targeted nanoprobe with high NIR-II PAI/MRI performance for precise theranostics of orthotopic early-stage hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8779-8792	7.3	5
905	Highly efficient red thermally activated delayed fluorescence emitters by manipulating the molecular horizontal orientation. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3209-3215	7.8	11
904	Trilayer organic narrowband photodetector with electrically-switchable spectral range and color sensing ability. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3814-3819	7.1	4
903	High-Efficiency Red-Fluorescent Organic Light-Emitting Diodes with Excellent Color Purity. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 1980-1989	3.8	4
902	Preparation of Au@Pd Core-Shell Nanorods with -2H- Heterophase for Highly Efficient Electrocatalytic Alcohol Oxidation.. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	13

901	Air-Stable Ultrabright Inverted Organic Light-Emitting Devices with Metal Ion-Chelated Polymer Injection Layer. <i>Nano-Micro Letters</i> , 2021 , 14, 14	19.5	7
900	In Situ Scanning Transmission Electron Microscopy Observations of Fracture at the Atomic Scale. <i>Physical Review Letters</i> , 2020 , 125, 246102	7.4	16
899	A Novel Wide-Bandgap Polymer with Deep Ionization Potential Enables Exceeding 16% Efficiency in Ternary Nonfullerene Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2020 , 30, 1910466	15.6	36
898	Hypocrellin-Based Multifunctional Phototheranostic Agent for NIR-Triggered Targeted Chemo/Photodynamic/Photothermal Synergistic Therapy against Glioblastoma.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 3817-3826	4.1	6
897	Isomerization enhanced quantum yield of dibenzo[a,c]phenazine-based thermally activated delayed fluorescence emitters for highly efficient orange OLEDs. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9639-9645	7.1	14
896	Green Synthesis of Gold and Silver Nanoparticles Using Leaf Extract of ; Characterization, Antimicrobial, and Antioxidant Activities. <i>Biomolecules</i> , 2020 , 10,	5.9	55
895	Fluorinated triphenylamine-based dopant-free hole-transporting material for high-performance inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020 , 402, 125923	14.7	13
894	Highly Efficient Near-Infrared Electroluminescence up to 800 nm Using Platinum(II) Phosphors. <i>Advanced Functional Materials</i> , 2020 , 30, 2002173	15.6	24
893	Defect engineering of nanostructured electrocatalysts for enhancing nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 7457-7473	13	26
892	A broadband aggregation-independent plasmonic absorber for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 10742-10746	13	52
891	Solid-State Fluorophore Based on Extended Heteroaromatic Acceptor: Polymorphism, Mechanochromic Luminescence, and Electroluminescence. <i>Crystal Growth and Design</i> , 2020 , 20, 2454-2467	2.5	7
890	Modulating the acceptor structure of dicyanopyridine based TADF emitters: Nearly 30% external quantum efficiency and suppression on efficiency roll-off in OLED. <i>Chemical Engineering Journal</i> , 2020 , 401, 126107	14.7	17
889	Catalyzed Kinetic Growth in Two-Dimensional MoS. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13130-13135	16.4	18
888	Effective Phototheranostics of Brain Tumor Assisted by Near-Infrared-II Light-Responsive Semiconducting Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 33492-33499	9.5	57
887	Recent progress and strategies to develop antimicrobial contact lenses and lens cases for different types of microbial keratitis. <i>Acta Biomaterialia</i> , 2020 , 113, 101-118	10.8	20
886	Green Biological Synthesis of Nanoparticles and Their Biomedical Applications. <i>Nanotechnology in the Life Sciences</i> , 2020 , 247-280	1.1	13
885	Rational Design of Conjugated Small Molecules for Superior Photothermal Theranostics in the NIR-II Biowindow. <i>Advanced Materials</i> , 2020 , 32, e2001146	24	101
884	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4780-4788	7.1	16

883	FA-Assistant Iodide Coordination in Organic-Inorganic Wide-Bandgap Perovskite with Mixed Halides. <i>Small</i> , 2020 , 16, e1907226	11	22
882	Effects of Hydrogen Bonds between Polymeric Hole-Transporting Material and Organic Cation Spacer on Morphology of Quasi-Two-Dimensional Perovskite Grains and Their Performance in Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9440-9447	9.5	7
881	In Situ Cu-Loaded Porous Boron Nitride Nanofiber as an Efficient Adsorbent for CO ₂ Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7454-7462	8.3	18
880	Modulation of Solid-State Aggregation of Square-Planar Pt(II) Based Emitters: Enabling Highly Efficient Deep-Red/Near Infrared Electroluminescence. <i>Advanced Functional Materials</i> , 2020 , 30, 2002494	15.6	33
879	Different Strategies for Organic Nanoparticle Preparation in Biomedicine 2020 , 2, 531-549		29
878	Bismuth nanorod networks confined in a robust carbon matrix as long-cycling and high-rate potassium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 8440-8446	13	33
877	Highly Air-Stable Tin-Based Perovskite Solar Cells through Grain-Surface Protection by Gallic Acid. <i>ACS Energy Letters</i> , 2020 , 5, 1741-1749	20.1	68
876	Confocal visible/NIR photoacoustic microscopy of tumors with structural, functional, and nanoprobe contrasts. <i>Photonics Research</i> , 2020 , 8, 1875	6	12
875	Two-dimensional MXene-based materials for photothermal therapy. <i>Nanophotonics</i> , 2020 , 9, 2233-2249	6.3	32
874	Aggregation-state engineering and emission switching in DAD? AIEgens featuring dual emission, MCL and white electroluminescence. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8061-8068	7.1	12
873	A Novel Double-Crosslinking-Double-Network Design for Injectable Hydrogels with Enhanced Tissue Adhesion and Antibacterial Capability for Wound Treatment. <i>Advanced Functional Materials</i> , 2020 , 30, 1904156	15.6	112
872	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 632-636	16.4	81
871	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. <i>Angewandte Chemie</i> , 2020 , 132, 642-646	3.6	16
870	Oxygen/nitrogen-related surface states controlled carbon nanodots with tunable full-color luminescence: Mechanism and bio-imaging. <i>Carbon</i> , 2020 , 160, 298-306	10.4	18
869	Double-twist pyridine-carbonitrile derivatives yielding excellent thermally activated delayed fluorescence emitters for high-performance OLEDs. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 602-606	7.1	12
868	Tailored Redox Kinetics, Electronic Structures and Electrode/Electrolyte Interfaces for Fast and High Energy-Density Potassium-Organic Battery. <i>Advanced Functional Materials</i> , 2020 , 30, 1907656	15.6	39
867	Boosting Efficiency of Near-Infrared Organic Light-Emitting Diodes with Os(II)-Based Pyrazinyl Azolate Emitters. <i>Advanced Functional Materials</i> , 2020 , 30, 1906738	15.6	33
866	Organic semiconducting polymer amphiphile for near-infrared-II light-triggered phototheranostics. <i>Biomaterials</i> , 2020 , 232, 119684	15.6	59

865	Iridium(III) Complexes Bearing a Formal Tetradentate Coordination Chelate: Structural Properties and Phosphorescence Fine-Tuned by Ancillaries. <i>Inorganic Chemistry</i> , 2020 , 59, 523-532	5.1	14
864	High-Performance Nondoped Blue Delayed Fluorescence Organic Light-Emitting Diodes Featuring Low Driving Voltage and High Brightness. <i>Advanced Science</i> , 2020 , 7, 1902508	13.6	38
863	Charge transport properties of co-evaporated organic/inorganic thin film charge transfer complexes: effects of intermolecular interactions. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 16725-16729	7.1	2
862	Zwitterionic-Surfactant-Assisted Room-Temperature Coating of Efficient Perovskite Solar Cells. <i>Joule</i> , 2020 , 4, 2404-2425	27.8	65
861	Pseudocapacitive Ti-Doped Niobium Pentoxide Nanoflake Structure Design for a Fast Kinetics Anode toward a High-Performance Mg-Ion-Based Dual-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 47539-47547	9.5	23
860	Porous BN Nanofibers Enable Long-Cycling Life Sodium Metal Batteries. <i>Small</i> , 2020 , 16, e2002671	11	5
859	Single-Photomolecular Nanotheranostics for Synergetic Near-Infrared Fluorescence and Photoacoustic Imaging-Guided Highly Effective Photothermal Ablation. <i>Small</i> , 2020 , 16, e2002672	11	15
858	Nanostructured and Boron-Doped Diamond as an Electrocatalyst for Nitrogen Fixation. <i>ACS Energy Letters</i> , 2020 , 5, 2590-2596	20.1	31
857	A Family of Small Molecular Materials Enabling Consistently Lower Recombination Losses in Organic Photovoltaic Devices. <i>Solar Rrl</i> , 2020 , 4, 2000245	7.1	2
856	Anomalous fracture in two-dimensional rhenium disulfide. <i>Science Advances</i> , 2020 , 6,	14.3	8
855	Efficient Yellow Thermally Activated Delayed Fluorescent Emitters Based on 3,5-Dicyanopyridine Acceptors. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 25489-25498	3.8	3
854	Regulating Surface Termination for Efficient Inverted Perovskite Solar Cells with Greater Than 23% Efficiency. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20134-20142	16.4	185
853	Stable Organic Photosensitizer Nanoparticles with Absorption Peak beyond 800 Nanometers and High Reactive Oxygen Species Yield for Multimodality Phototheranostics. <i>ACS Nano</i> , 2020 , 14, 9917-9928	16.7	48
852	Organic-Inorganic Charge Transfer Complex with Charge Modulation after Electrical Pre-biasing. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37384-37390	9.5	4
851	Manipulating Interfacial Charge-Transfer Absorption of Cocrystal Absorber for Efficient Solar Seawater Desalination and Water Purification. <i>ACS Energy Letters</i> , 2020 , 5, 2698-2705	20.1	35
850	A two-photon fluorescent probe for sensitive detection and imaging of Eglutamyl transpeptidase. <i>Chemical Communications</i> , 2020 , 56, 10902-10905	5.8	8
849	Superwetting B4C bilayer foam for high cost-performance solar water purification. <i>Materials Today Energy</i> , 2020 , 18, 100498	7	8
848	Hydrogen bond-modulated molecular packing and its applications in high-performance non-doped organic electroluminescence. <i>Materials Horizons</i> , 2020 , 7, 2734-2740	14.4	21

847	Spontaneously Ordered Hierarchical Two-Dimensional Wrinkle Patterns in Two-Dimensional Materials. <i>Nano Letters</i> , 2020 , 20, 8420-8425	11.5	10
846	Water-Splitting Based and Related Therapeutic Effects: Evolving Concepts, Progress, and Perspectives. <i>Small</i> , 2020 , 16, e2004551	11	14
845	Highly Efficient, Red Delayed Fluorescent Emitters with Exothermic Reverse Intersystem Crossing via Hot Excited Triplet States. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 20816-20826	3.8	8
844	Charge Energetics and Electronic Level Changes At the Copper(II) Phthalocyanine/Fullerene Junction Upon Photoexcitation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 42992-42996	9.5	1
843	Real-Time Pharmaceutical Evaluations of Near-Infrared II Fluorescent Nanomedicine Bound Polyethylene Glycol Ligands for Tumor Photothermal Ablation. <i>ACS Nano</i> , 2020 , 14, 13681-13690	16.7	19
842	Near-Infrared Hypocrellin Derivatives for Synergistic Photodynamic and Photothermal Therapy. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3462-3468	4.5	3
841	Origin of thermally activated delayed fluorescence in a donor-acceptor type emitter with an optimized nearly planar geometry. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13263-13269	7.1	6
840	Rational molecular design of bipolar phenanthroimidazole derivatives to realize highly efficient non-doped deep blue electroluminescence with CIEy = 0.06 and EQE approaching 6%. <i>Dyes and Pigments</i> , 2020 , 173, 107982	4.6	11
839	Charge-Transfer Complexes: Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel (Adv. Funct. Mater. 38/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970263	15.6	2
838	Titelbild: Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100 % Internal Quantum Efficiency (Angew. Chem. 41/2019). <i>Angewandte Chemie</i> , 2019 , 131, 14529-14529	3.6	
837	Dual Fenton Catalytic Nanoreactor for Integrative Type-I and Type-II Photodynamic Therapy Against Hypoxic Cancer Cells.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3854-3860	4.1	21
836	Near-Infrared Emission Induced by Shortened Pt-Pt Contact: Diplatinum(II) Complexes with Pyridyl Pyrimidinato Cyclometalates. <i>Inorganic Chemistry</i> , 2019 , 58, 13892-13901	5.1	18
835	Isomeric thermally activated delayed fluorescence emitters based on indolo[2,3-b]acridine electron-donor: a compromising optimization for efficient orange/red organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2898-2904	7.1	20
834	Rare earth-free composites of carbon dots/metal-organic frameworks as white light emitting phosphors. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2207-2211	7.1	52
833	Porous and Intercrossed Pbl-Csl Nanorod Scaffold for Inverted Planar FA-Cs Mixed-Cation Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 6126-6135	9.5	20
832	Understanding Non-Twinning Zigzag Nanowire Formation for New Nanoscale Devices. <i>ACS Applied Nano Materials</i> , 2019 , 2, 673-677	5.6	1
831	In situ nitridated porous nanosheet networked Co ₃ O ₄ @Co ₄ N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 775-782	13	39
830	Bis-diketopyrrolopyrrole conjugated polymer nanoparticles as photothermic nanoagonist for specific and synergistic glioblastoma therapy. <i>Biomaterials</i> , 2019 , 216, 119252	15.6	38

829	Plant-Derived Single-Molecule-Based Nanotheranostics for Photoenhanced Chemotherapy and Ferroptotic-Like Cancer Cell Death.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2643-2649	4.1	6
828	Surface-Engineered Black Niobium Oxide@Graphene Nanosheets for High-Performance Sodium-/Potassium-Ion Full Batteries. <i>Small</i> , 2019 , 15, e1901272	11	54
827	Photosensitizers for Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900132	10.1	324
826	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. <i>Small</i> , 2019 , 15, e1901545	11	32
825	The Role of Diammonium Cation on the Structural and Optoelectronic Properties in 3D Cesium Formamidinium Mixed-Cation Perovskite Solar Cells. <i>Solar Rrl</i> , 2019 , 3, 1900140	7.1	11
824	Biodegradable Natural Product-Based Nanoparticles for Near-Infrared Fluorescence Imaging-Guided Sonodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18178-18185	9.5	38
823	Design of Efficient Exciplex Emitters by Decreasing the Energy Gap Between the Local Excited Triplet (LE) State of the Acceptor and the Charge Transfer (CT) States of the Exciplex. <i>Frontiers in Chemistry</i> , 2019 , 7, 188	5	3
822	Bipolar Blue Host Emitter with Unity Quantum Yield Allows Full Exciton Radiation in Single-Emissive-Layer Hybrid White Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 11691-11698	9.5	43
821	High performance low-dimensional perovskite solar cells based on a one dimensional lead iodide perovskite. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8811-8817	13	38
820	Hybridizing anions towards fast diffusion kinetics for tri-ion batteries with significantly improved rate capability and cycling life. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10930-10935	13	7
819	Indenofluorene-based-copolymers: Influence of electron-deficient benzothiadiazole (BT) and benzooxadiazole (BO) moieties on light emitting devices. <i>Organic Electronics</i> , 2019 , 70, 14-24	3.5	6
818	A novel DA blue fluorophore based on [1,2,4]triazolo[1,5-a]pyridine as an electron acceptor and its application in organic light-emitting diodes. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1071-1079	7.8	30
817	Intermolecular Interaction-Induced Thermally Activated Delayed Fluorescence Based on a Thiochromone Derivative. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 1888-1893	6.4	18
816	Perovskite Light-Emitting Diodes: Efficient CsPbBr ₃ Perovskite Light-Emitting Diodes Enabled by Synergetic Morphology Control (Advanced Optical Materials 4/2019). <i>Advanced Optical Materials</i> , 2019 , 7, 1970014	8.1	3
815	Hierarchically nanostructured ZnCo ₂ O ₄ particles in 3D graphene networks for high-rate and long-life lithium ion batteries. <i>Materials Today Energy</i> , 2019 , 12, 46-52	7	14
814	Revealing the crystallization process and realizing uniform 1.8 eV MA-based wide-bandgap mixed-halide perovskites via solution engineering. <i>Nano Research</i> , 2019 , 12, 1033-1039	10	26
813	Defect-engineered vanadium trioxide nanofiber bundle@graphene hybrids for high-performance all-vanadate Na-ion and K-ion full batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 19581-19588	13	21
812	The Nanoassembly of an Intrinsically Cytotoxic Near-Infrared Dye for Multifunctionally Synergistic Theranostics. <i>Small</i> , 2019 , 15, e1903121	11	63

811	A Biocompatible Free Radical Nanogenerator with Real-Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1903436	15.6	56
810	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100 % Internal Quantum Efficiency. <i>Angewandte Chemie</i> , 2019 , 131, 14802-14807	3.6	23
809	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100 % Internal Quantum Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14660-14665	16.4	149
808	Mechanochromic luminescence and color-tunable light-emitting devices of triphenylamine functionalized benzo[d,e]benzo[4,5]imidazo[2,1-a]isoquinolin-7-one. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 9808-9812	7.1	18
807	Efficient Orange-Red Thermally Activated Delayed Fluorescence Emitters Feasible for Both Thermal Evaporation and Solution Process. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29086-29093	9.5	30
806	Realization of Highly Efficient Red Phosphorescence from Bis-Tridentate Iridium(III) Phosphors. <i>Inorganic Chemistry</i> , 2019 , 58, 10944-10954	5.1	24
805	Synergistic Effect of Pseudo-Halide Thiocyanate Anion and Cesium Cation on Realizing High-Performance Pinhole-Free MA-Based Wide-Band Gap Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25909-25916	9.5	14
804	Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel. <i>Advanced Functional Materials</i> , 2019 , 29, 1903112	15.6	39
803	Harnessing combinational phototherapy via post-synthetic PpIX conjugation on nanoscale metal-organic frameworks. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4763-4770	7.3	5
802	Intrinsically Cancer-Mitochondria-Targeted Thermally Activated Delayed Fluorescence Nanoparticles for Two-Photon-Activated Fluorescence Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41051-41061	9.5	47
801	Angular-Fused Dithianaphthylquinone Derivative: Selective Synthesis, Thermally Activated Delayed Fluorescence Property, and Application in Organic Light-Emitting Diode. <i>Organic Letters</i> , 2019 , 21, 8832-8836	6.2	9
800	Electrochemically Stable Sodium Metal-Tellurium/Carbon Nanorods Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1903046	21.8	22
799	Biodegradable E-Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Nano</i> , 2019 , 13, 12901-12911	16.7	104
798	Immune Checkpoint Blockade Mediated by a Small-Molecule Nanoinhibitor Targeting the PD-1/PD-L1 Pathway Synergizes with Photodynamic Therapy to Elicit Antitumor Immunity and Antimetastatic Effects on Breast Cancer. <i>Small</i> , 2019 , 15, e1903881	11	71
797	Manipulating exciton dynamics of thermally activated delayed fluorescence materials for tuning two-photon nanotheranostics. <i>Chemical Science</i> , 2019 , 11, 888-895	9.4	39
796	Ultrahigh Nitrogen Doping of Carbon Nanosheets for High Capacity and Long Cycling Potassium Ion Storage. <i>Advanced Energy Materials</i> , 2019 , 9, 1902672	21.8	158
795	Multifunctional anionic indium-organic frameworks for organic dye separation, white-light emission and dual-emitting Fe ³⁺ sensing. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 14897-14903	7.1	17
794	Batteries: Electrochemically Stable Sodium Metal-Tellurium/Carbon Nanorods Batteries (Adv. Energy Mater. 48/2019). <i>Advanced Energy Materials</i> , 2019 , 9, 1970190	21.8	3

793	High efficiency, high color rendering index white organic light-emitting diodes based on thermally activated delayed fluorescence materials. <i>Applied Physics Letters</i> , 2019 , 115, 263302	3.4	8
792	Hydrogen Evolution Reaction: Nitrogen-Doped Graphene-Encapsulated Nickel/Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction (Small 48/2019). <i>Small</i> , 2019 , 15, 1970260	11	5
791	Efficient CsPbBr ₃ Perovskite Light-Emitting Diodes Enabled by Synergetic Morphology Control. <i>Advanced Optical Materials</i> , 2019 , 7, 1801534	8.1	89
790	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019 , 19, 658-665	11.5	25
789	Electrostatic self-assembly seeding strategy to improve machining performance of nanocrystalline diamond coated cutting tools. <i>Surface and Coatings Technology</i> , 2019 , 357, 870-878	4.4	12
788	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. <i>ACS Nano</i> , 2019 , 13, 839-846	16.7	47
787	Antioxidant Grain Passivation for Air-Stable Tin-Based Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2019 , 131, 816-820	3.6	15
786	Antioxidant Grain Passivation for Air-Stable Tin-Based Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 806-810	16.4	245
785	Electronic Level Alignment at an Indium Tin Oxide/PbI Interface and Its Applications for Organic Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8909-8916	9.5	8
784	design of D-πA molecules as universal hosts for monochrome and white phosphorescent organic light-emitting diodes. <i>Chemical Science</i> , 2018 , 9, 4062-4070	9.4	49
783	2D Perovskites with Short Interlayer Distance for High-Performance Solar Cell Application. <i>Advanced Materials</i> , 2018 , 30, e1800710	24	214
782	A novel spiro-annulated benzimidazole host for highly efficient blue phosphorescent organic light-emitting devices. <i>Chemical Communications</i> , 2018 , 54, 4541-4544	5.8	22
781	Direct observation of cation-exchange in liquid-to-solid phase transformation in FA1-xMAxPbI3 based perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9081-9088	13	29
780	Evidence on Enhanced Exciton Polarizability in Donor/Acceptor Bulk Heterojunction Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 7256-7262	9.5	3
779	Single-Component Oligomer Nanoparticle-Based Size-Dependent Dual-Emission Modulation. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 4199-4205	3.8	2
778	Magnetic-field-induced dielectric behaviors and magneto-electrical coupling of multiferroic compounds containing cobalt ferrite/barium calcium titanate composite fibers. <i>Journal of Alloys and Compounds</i> , 2018 , 740, 1067-1076	5.7	36
777	Heat Treatment for Regenerating Degraded Low-Dimensional Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4860-4865	9.5	13
776	Polyphenyl-naphthalene as a Novel Building Block for High-Performance Deep-Blue Organic Light-Emitting Devices. <i>Advanced Optical Materials</i> , 2018 , 6, 1700855	8.1	22

775	Controlling Directional Liquid Motion on Micro- and Nanocrystalline Diamond/ β -SiC Composite Gradient Films. <i>Langmuir</i> , 2018 , 34, 1419-1428	4	14
774	Tuning electrical properties of phenanthroimidazole derivatives to construct multifunctional deep-blue electroluminescent materials. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3584-3592	7.1	45
773	Air-processed mixed-cation Cs _{0.15} FA _{0.85} PbI ₃ planar perovskite solar cells derived from a PbI ₂ /CsI/MAI intermediate complex. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 7731-7740	13	57
772	Bis-Tridentate Iridium(III) Phosphors with Very High Photostability and Fabrication of Blue-Emitting OLEDs. <i>Advanced Science</i> , 2018 , 5, 1800846	13.6	50
771	Ternary Acceptor-Donor-Acceptor Asymmetrical Phenanthroimidazole Molecule for Highly Efficient Near-Ultraviolet Electroluminescence with External Quantum Efficiency (EQE) >4. <i>Chemistry - A European Journal</i> , 2018 , 24, 15566-15571	4.8	14
770	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12473-12477	16.4	119
769	Acene-based organic semiconductors for organic light-emitting diodes and perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9017-9029	7.1	41
768	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie</i> , 2018 , 130, 12653-12657	3.6	31
767	Biocompatible semiconducting polymer nanoparticles as robust photoacoustic and photothermal agents revealing the effects of chemical structure on high photothermal conversion efficiency. <i>Biomaterials</i> , 2018 , 181, 92-102	15.6	55
766	Iron Vacancies Induced Bifunctionality in Ultrathin Feroxyhyte Nanosheets for Overall Water Splitting. <i>Advanced Materials</i> , 2018 , 30, e1803144	24	160
765	Aligned and Graded Type-II Ruddlesden-Popper Perovskite Films for Efficient Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1800185	21.8	184
764	Stabilization of organometallic halide perovskite nanocrystals in aqueous solutions and their applications in copper ion detection. <i>Chemical Communications</i> , 2018 , 54, 5784-5787	5.8	21
763	Organic Light-Emitting Diodes Based on Imidazole Semiconductors. <i>Advanced Optical Materials</i> , 2018 , 6, 1800258	8.1	66
762	Extremely Efficient Transparent Flexible Organic Light-Emitting Diodes with Nanostructured Composite Electrodes. <i>Advanced Optical Materials</i> , 2018 , 6, 1800831	8.1	39
761	Control of Dual Conformations: Developing Thermally Activated Delayed Fluorescence Emitters for Highly Efficient Single-Emitter White Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31515-31525	9.5	60
760	A Lead Iodide Perovskite Based on a Large Organic Cation for Solar Cell Applications. <i>Angewandte Chemie</i> , 2018 , 130, 10089-10092	3.6	
759	A Lead Iodide Perovskite Based on a Large Organic Cation for Solar Cell Applications. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9941-9944	16.4	10
758	Revealing the new potential of an indandione unit for constructing efficient yellow thermally activated delayed fluorescence emitters with short emissive lifetimes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7111-7118	7.1	14

757	Potassium Dual-Ion Hybrid Batteries with Ultrahigh Rate Performance and Excellent Cycling Stability. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42294-42300	9.5	40
756	Organic Upconversion Display with an over 100% Photon-to-photon Upconversion Efficiency and a Simple Pixelless Device Structure. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 6818-6824	6.4	15
755	A simple method for phase control in two-dimensional perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18871-18876	13	27
754	Robust Micron-Sized Silicon Secondary Particles Anchored by Polyimide as High-Capacity, High-Stability Li-Ion Battery Anode. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34132-34139	9.5	17
753	Blue-emitting bis-tridentate Ir(III) phosphors: OLED performances vs. substituent effects. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10486-10496	7.1	14
752	Feroxyhyte Nanosheets: Iron Vacancies Induced Bifunctionality in Ultrathin Feroxyhyte Nanosheets for Overall Water Splitting (Adv. Mater. 36/2018). <i>Advanced Materials</i> , 2018 , 30, 1870272	24	13
751	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High-Efficiency Electrocatalyst for Hydrogen Evolution. <i>Advanced Science</i> , 2018 , 5, 1800406	13.6	97
750	Ruthenium(II) Complex Incorporated UiO-67 Metal-Organic Framework Nanoparticles for Enhanced Two-Photon Fluorescence Imaging and Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5699-5708	9.5	103
749	Achieving efficient violet-blue electroluminescence with CIE 6% from naphthyl-linked phenanthroimidazole-carbazole hybrid fluorophores. <i>Chemical Science</i> , 2017 , 8, 3599-3608	9.4	113
748	Nickel-Cobalt Diselenide 3D Mesoporous Nanosheet Networks Supported on Ni Foam: An All-pH Highly Efficient Integrated Electrocatalyst for Hydrogen Evolution. <i>Advanced Materials</i> , 2017 , 29, 1606524	24	301
747	Highly Efficient Deep-Blue Electroluminescence from a Charge-Transfer Emitter with Stable Donor Skeleton. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7331-7338	9.5	77
746	Biocompatible D-A Semiconducting Polymer Nanoparticle with Light-Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1605094	15.6	152
745	Effects of Small Polar Molecules (MA and HO) on Degradation Processes of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14960-14966	9.5	25
744	Ambipolar D _A type bifunctional materials with hybridized local and charge-transfer excited state for high performance electroluminescence with EQE of 7.20% and CIE _y ~ 0.06. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5402-5410	7.1	77
743	Electrocatalysts: Nickel-Cobalt Diselenide 3D Mesoporous Nanosheet Networks Supported on Ni Foam: An All-pH Highly Efficient Integrated Electrocatalyst for Hydrogen Evolution (Adv. Mater. 19/2017). <i>Advanced Materials</i> , 2017 , 29,	24	43
742	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , 2017 , 10, 3113-3123	10	170
741	Highly stable red-emitting polymer dots for cellular imaging. <i>Nanotechnology</i> , 2017 , 28, 285102	3.4	7
740	Ultraviolet-ozone surface modification for non-wetting hole transport materials based inverted planar perovskite solar cells with efficiency exceeding 18%. <i>Journal of Power Sources</i> , 2017 , 360, 157-165	8.9	86

739	Interlayer Nanoarchitectonics of Two-Dimensional Transition-Metal Dichalcogenides Nanosheets for Energy Storage and Conversion Applications. <i>Advanced Energy Materials</i> , 2017 , 7, 1700571	21.8	209
738	Direct Free Carrier Photogeneration in Single Layer and Stacked Organic Photovoltaic Devices. <i>Advanced Materials</i> , 2017 , 29, 1606909	24	19
737	Incorporating Copper Nanoclusters into Metal-Organic Frameworks: Confinement-Assisted Emission Enhancement and Application for Trinitrotoluene Detection. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700029	3.1	19
736	Cobalt-nickel based ternary selenides as high-efficiency counter electrode materials for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2017 , 235, 672-679	6.7	34
735	Novel bipolar host for highly efficient green, yellow, orange, red and deep-red phosphorescent organic light-emitting devices. <i>Science China Chemistry</i> , 2017 , 60, 504-509	7.9	6
734	Conversion of 1T-MoSe to 2H-MoSSe mesoporous nanospheres for superior sodium storage performance. <i>Nanoscale</i> , 2017 , 9, 1484-1490	7.7	78
733	Functional Pyrimidine-Based Thermally Activated Delay Fluorescence Emitters: Photophysics, Mechanochromism, and Fabrication of Organic Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2017 , 23, 2858-2866	4.8	58
732	Perovskite Solar Cells: Enhanced Light Harvesting in Perovskite Solar Cells by a Bioinspired Nanostructured Back Electrode (Adv. Energy Mater. 20/2017). <i>Advanced Energy Materials</i> , 2017 , 7,	21.8	2
731	Degradable Hollow Mesoporous Silicon/Carbon Nanoparticles for Photoacoustic Imaging-Guided Highly Effective Chemo-Thermal Tumor Therapy and. <i>Theranostics</i> , 2017 , 7, 3007-3020	12.1	67
730	A new pyrene cored small organic molecule with a flexible alkyl spacer: a potential solution processable blue emitter with bright photoluminescence. <i>New Journal of Chemistry</i> , 2017 , 41, 11383-11390	3.6	9
729	Mesoporous Nanosheet Networked Hybrids of Cobalt Oxide and Cobalt Phosphate for Efficient Electrochemical and Photoelectrochemical Oxygen Evolution. <i>Small</i> , 2017 , 13, 1701875	11	53
728	18% High-Efficiency Air-Processed Perovskite Solar Cells Made in a Humid Atmosphere of 70% RH. <i>Solar Rrl</i> , 2017 , 1, 1700097	7.1	75
727	A high performance deep-blue emitter with an anti-parallel dipole design. <i>Dyes and Pigments</i> , 2017 , 146, 219-225	4.6	11
726	Enhanced Light Harvesting in Perovskite Solar Cells by a Bioinspired Nanostructured Back Electrode. <i>Advanced Energy Materials</i> , 2017 , 7, 1700492	21.8	56
725	Low-Cost Metallic Anode Materials for High Performance Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1700536	21.8	118
724	Vertically Aligned Graphene Nanosheet Arrays: Synthesis, Properties and Applications in Electrochemical Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2017 , 7, 1700678	21.8	92
723	Synthesis of double-shelled copper chalcogenide hollow nanocages as efficient counter electrodes for quantum dot-sensitized solar cells. <i>Materials Today Energy</i> , 2017 , 5, 331-337	7	12
722	Cu ₂ ZnSnS ₄ and Cu ₂ ZnSn(S _{1-x} Se _x) ₄ nanocrystals: room-temperature synthesis and efficient photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 25230-25236	13	19

7 ²¹	Avoiding Energy Loss on TADF Emitters: Controlling the Dual Conformations of D-A Structure Molecules Based on the Pseudoplanar Segments. <i>Advanced Materials</i> , 2017 , 29, 1701476	24	142
7 ²⁰	Aromatically C6- and C9-Substituted Phenanthro[9,10-d]imidazole Blue Fluorophores: Structure-Property Relationship and Electroluminescent Application. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 26268-26278	9.5	55
7 ¹⁹	A redox-controlled electrolyte for plasmonic enhanced dye-sensitized solar cells. <i>Nanoscale</i> , 2017 , 9, 10940-10947	7.7	3
7 ¹⁸	Preparation of porous ZnO/ZnFe ₂ O ₄ composite from metal organic frameworks and its applications for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2017 , 308, 340-346	14.7	57
7 ¹⁷	Nanoparticles Encapsulated in Porous Carbon Matrix Coated on Carbon Fibers: An Ultrastable Cathode for Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1601363	21.8	39
7 ¹⁶	High performance near ultraviolet emitter based on phenanthroimidazole via substitutions at C6- and C9-positions. <i>Dyes and Pigments</i> , 2017 , 136, 347-353	4.6	30
7 ¹⁵	Low temperature fabrication of formamidinium based perovskite solar cells with enhanced performance by chlorine incorporation. <i>Organic Electronics</i> , 2016 , 38, 144-149	3.5	8
7 ¹⁴	Organic nanostructures of thermally activated delayed fluorescent emitters with enhanced intersystem crossing as novel metal-free photosensitizers. <i>Chemical Communications</i> , 2016 , 52, 11744-11747	5.8	51
7 ¹³	A Dual-Ion Battery Constructed with Aluminum Foil Anode and Mesocarbon Microbead Cathode via an Alloying/Intercalation Process in an Ionic Liquid Electrolyte. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600605	4.6	75
7 ¹²	Removing shortcomings of linear molecules to develop high efficiencies deep-blue organic electroluminescent materials. <i>Organic Electronics</i> , 2016 , 38, 323-329	3.5	22
7 ¹¹	On the Study of Exciton Binding Energy with Direct Charge Generation in Photovoltaic Polymers. <i>Advanced Electronic Materials</i> , 2016 , 2, 1600200	6.4	32
7 ¹⁰	Synthesis of 1T-MoSe ₂ ultrathin nanosheets with an expanded interlayer spacing of 1.17 nm for efficient hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14949-14953	13	138
7 ⁰⁹	Graphene-Nanowall-Decorated Carbon Felt with Excellent Electrochemical Activity Toward VO/VO Couple for All Vanadium Redox Flow Battery. <i>Advanced Science</i> , 2016 , 3, 1500276	13.6	106
7 ⁰⁸	High-Performance Blue OLEDs Based on Phenanthroimidazole Emitters via Substitutions at the C6- and C9-Positions for Improving Exciton Utilization. <i>Chemistry - A European Journal</i> , 2016 , 22, 12130-7	4.8	56
7 ⁰⁷	Composition and Interface Engineering of Alloyed MoS ₂ x Se ₂ (1-x) Nanotubes for Enhanced Hydrogen Evolution Reaction Activity. <i>Small</i> , 2016 , 12, 4379-85	11	52
7 ⁰⁶	The detrimental effect of excess mobile ions in planar CH ₃ NH ₃ PbI ₃ perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 12748-12755	13	42
7 ⁰⁵	Solution-Processed Donor-Acceptor Polymer Nanowire Network Semiconductors For High-Performance Field-Effect Transistors. <i>Scientific Reports</i> , 2016 , 6, 24476	4.9	63
7 ⁰⁴	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo ₂ S ₄ Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. <i>Scientific Reports</i> , 2016 , 6, 20264	4.9	54

703	Approaching the ideal elastic strain limit in silicon nanowires. <i>Science Advances</i> , 2016 , 2, e1501382	14.3	116
702	High Performance All Fluorescence White Organic Light Emitting Devices with a Highly Simplified Structure Based on Thermally Activated Delayed Fluorescence Dopants and Host. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32984-32991	9.5	48
701	P2-Type NaCuNiMnO Cathodes with High Voltage for High-Power and Long-Life Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 31661-31668	9.5	55
700	Self-assembly of metal-organic frameworks and graphene oxide as precursors for lithium-ion battery applications. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	6
699	Solution-Processable Ultrathin Black Phosphorus as an Effective Electron Transport Layer in Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2016 , 26, 864-871	15.6	157
698	A pyridine based meta-linking deep-blue emitter with high conjugation extent and electroluminescence efficiencies. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6249-6255	7.1	21
697	Charge-Transfer State Energy and Its Relationship with Open-Circuit Voltage in an Organic Photovoltaic Device. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 14059-14068	3.8	25
696	Uniform Incorporation of Flocculent Molybdenum Disulfide Nanostructure into Three-Dimensional Porous Graphene as an Anode for High-Performance Lithium Ion Batteries and Hybrid Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4691-9	9.5	81
695	In situ incorporation of FeS nanoparticles/carbon nanosheets composite with an interconnected porous structure as a high-performance anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 3697-3703	13	125
694	OLEDs: Novel Strategy to Develop Exciplex Emitters for High-Performance OLEDs by Employing Thermally Activated Delayed Fluorescence Materials (Adv. Funct. Mater. 12/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 2036-2036	15.6	2
693	Hierarchical nanotubes assembled from MoS ₂ -carbon monolayer sandwiched superstructure nanosheets for high-performance sodium ion batteries. <i>Nano Energy</i> , 2016 , 22, 27-37	17.1	278
692	Phenothiazine and carbazole substituted pyrene based electroluminescent organic semiconductors for OLED devices. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1009-1018	7.1	78
691	Charge transport dependent high open circuit voltage tandem organic photovoltaic cells with low temperature deposited HATCN-based charge recombination layers. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 4045-50	3.6	3
690	Spectroscopic study on the impact of methylammonium iodide loading time on the electronic properties in perovskite thin films. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 561-567	13	42
689	Novel Strategy to Develop Exciplex Emitters for High-Performance OLEDs by Employing Thermally Activated Delayed Fluorescence Materials. <i>Advanced Functional Materials</i> , 2016 , 26, 2002-2008	15.6	149
688	A Novel Aluminum-Graphite Dual-Ion Battery. <i>Advanced Energy Materials</i> , 2016 , 6, 1502588	21.8	513
687	Rice-like Sulfur/Polyaniline Nanorods Wrapped with Reduced Graphene Oxide Nanosheets as High-Performance Cathode for Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2016 , 3, 999-1005	4.3	14
686	In-situ assembly of three-dimensional MoS ₂ nanoleaves/carbon nanofiber composites derived from bacterial cellulose as flexible and binder-free anodes for enhanced lithium-ion batteries. <i>Electrochimica Acta</i> , 2016 , 211, 404-410	6.7	52

685	Energy Storage: A Dual-Ion Battery Constructed with Aluminum Foil Anode and Mesocarbon Microbead Cathode via an Alloying/Intercalation Process in an Ionic Liquid Electrolyte (Adv. Mater. Interfaces 23/2016). <i>Advanced Materials Interfaces</i> , 2016 , 3,	4.6	2
684	Improvement of Charge Collection and Performance Reproducibility in Inverted Organic Solar Cells by Suppression of ZnO Subgap States. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 14717-24	9.5	42
683	Probing the Energy Level Alignment and the Correlation with Open-Circuit Voltage in Solution-Processed Polymeric Bulk Heterojunction Photovoltaic Devices. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 7283-90	9.5	12
682	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11355-65	9.5	46
681	High-performance fluorescent/phosphorescent (F/P) hybrid white OLEDs consisting of a yellowish-green phosphorescent emitter. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5907-5913	7.1	33
680	High-Performance, Simplified Fluorescence and Phosphorescence Hybrid White Organic Light-Emitting Devices Allowing Complete Triplet Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26135-26142	9.5	58
679	Evidence of Delocalization in Charge-Transfer State Manifold for Donor:Acceptor Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21798-805	9.5	10
678	The locally twisted thiophene bridged phenanthroimidazole derivatives as dual-functional emitters for efficient non-doped electroluminescent devices. <i>Organic Electronics</i> , 2015 , 18, 61-69	3.5	20
677	High efficiency non-doped deep-blue and fluorescent/phosphorescent white organic light-emitting diodes based on an anthracene derivative. <i>Synthetic Metals</i> , 2015 , 203, 49-53	3.6	31
676	Prediction and design of efficient exciplex emitters for high-efficiency, thermally activated delayed-fluorescence organic light-emitting diodes. <i>Advanced Materials</i> , 2015 , 27, 2378-83	24	250
675	Organic Heterojunctions: Electronic Structures and Photoconversion Mechanism in Perovskite/Fullerene Heterojunctions (Adv. Funct. Mater. 8/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 1162-1162	15.6	1
674	A surface curvature oscillation model for vapour-liquid-solid growth of periodic one-dimensional nanostructures. <i>Nature Communications</i> , 2015 , 6, 6412	17.4	25
673	Layer-stacked cobalt ferrite (CoFe ₂ O ₄) mesoporous platelets for high-performance lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 6990-6997	13	91
672	Effects of graphene defect on electronic structures of its interface with organic semiconductor. <i>Applied Physics Letters</i> , 2015 , 106, 133502	3.4	5
671	Graphitic carbon nitride nanosheet@metal-organic framework core-shell nanoparticles for photo-chemo combination therapy. <i>Nanoscale</i> , 2015 , 7, 17299-305	7.7	140
670	Effects of idling time between depositions of organic layers and metal electrode in organic photovoltaic device. <i>Organic Electronics</i> , 2015 , 26, 99-103	3.5	4
669	High Performance Exciplex-Based Fluorescence Phosphorescence White Organic Light-Emitting Device with Highly Simplified Structure. <i>Chemistry of Materials</i> , 2015 , 27, 5206-5211	9.6	76
668	Outcoupling-Enhanced Flexible Organic Light-Emitting Diodes on Ameliorated Plastic Substrate with Built-in Indium-Tin-Oxide-Free Transparent Electrode. <i>ACS Nano</i> , 2015 , 9, 7553-62	16.7	69

667	Self-carried curcumin nanoparticles for in vitro and in vivo cancer therapy with real-time monitoring of drug release. <i>Nanoscale</i> , 2015 , 7, 13503-10	7.7	108
666	Green Synthesis of Bifunctional Fluorescent Carbon Dots from Garlic for Cellular Imaging and Free Radical Scavenging. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17054-60	9.5	352
665	Three-dimensional-networked NiCo ₂ S ₄ nanosheet array/carbon cloth anodes for high-performance lithium-ion batteries. <i>NPG Asia Materials</i> , 2015 , 7, e195-e195	10.3	147
664	Exciplex Emitters: Prediction and Design of Efficient Exciplex Emitters for High-Efficiency, Thermally Activated Delayed-Fluorescence Organic Light-Emitting Diodes (Adv. Mater. 14/2015). <i>Advanced Materials</i> , 2015 , 27, 2377-2377	24	
663	Lithium ion battery application of porous composite oxide microcubes prepared via metal-organic frameworks. <i>Journal of Power Sources</i> , 2015 , 284, 109-114	8.9	63
662	Enhanced efficiency of polymer solar cells by adding a high-mobility conjugated polymer. <i>Energy and Environmental Science</i> , 2015 , 8, 1463-1470	35.4	204
661	Energy Transfer: Nearly 100% Triplet Harvesting in Conventional Fluorescent Dopant-Based Organic Light-Emitting Devices Through Energy Transfer from Exciplex (Adv. Mater. 12/2015). <i>Advanced Materials</i> , 2015 , 27, 2024-2024	24	2
660	Surface Transfer Doping of Cubic Boron Nitride Films by MoO ₃ and Tetrafluoro-tetracyanoquinodimethane (F4-TCNQ). <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9852-5	9.7	9
659	Nanostructured porous manganese carbonate spheres with capacitive effects on the high lithium storage capability. <i>Nanoscale</i> , 2015 , 7, 10146-51	7.7	48
658	Porous tremella-like MoS ₂ /polyaniline hybrid composite with enhanced performance for lithium-ion battery anodes. <i>Electrochimica Acta</i> , 2015 , 167, 132-138	6.7	62
657	Highly stable organic fluorescent nanorods for living-cell imaging. <i>Nano Research</i> , 2015 , 8, 2380-2389	10	48
656	Degradation of interface between boron subphthalocyanine chloride and fullerene. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015 , 204, 223-226	1.7	3
655	Water Evaporation Induced Conversion of CuSe Nanoflakes to Cu ₂ Se Hierarchical Columnar Superstructures for High-Performance Solar Cell Applications. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 840-847	3.1	25
654	Self-Monitoring and Self-Delivery of Photosensitizer-Doped Nanoparticles for Highly Effective Combination Cancer Therapy in Vitro and in Vivo. <i>ACS Nano</i> , 2015 , 9, 9741-56	16.7	129
653	Hierarchical composite structure of few-layers MoS ₂ nanosheets supported by vertical graphene on carbon cloth for high-performance hydrogen evolution reaction. <i>Nano Energy</i> , 2015 , 18, 196-204	17.1	163
652	Copper substituted P2-type Na _{0.67} Cu _x Mn _{1-x} O ₂ : a stable high-power sodium-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 22846-22852	13	99
651	Chlorine Incorporation for Enhanced Performance of Planar Perovskite Solar Cell Based on Lead Acetate Precursor. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 23110-6	9.5	102
650	A carbon dot-based fluorescence turn-on sensor for hydrogen peroxide with a photo-induced electron transfer mechanism. <i>Chemical Communications</i> , 2015 , 51, 15574-7	5.8	78

649	Ionic Charge Transfer Complex Induced Visible Light Harvesting and Photocharge Generation in Perovskite. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20280-4	9.5	17
648	Blue-emitting organic electrofluorescence materials: progress and prospective. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10957-10963	7.1	128
647	Iron(II) molybdate (FeMoO ₄) nanorods as a high-performance anode for lithium ion batteries: structural and chemical evolution upon cycling. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20527-20534	13	106
646	Improved efficiency and stability of organic photovoltaic device using UV-ozone treated ZnO anode buffer. <i>RSC Advances</i> , 2015 , 5, 77071-77074	3.7	5
645	Simple fabrication of perovskite solar cells using lead acetate as lead source at low temperature. <i>Organic Electronics</i> , 2015 , 27, 12-17	3.5	31
644	Low Temperature Sonochemical Synthesis of Morphology Variable MoO ₃ Nanostructures for Performance Enhanced Lithium Ion Battery Applications. <i>Electrochimica Acta</i> , 2015 , 185, 83-89	6.7	22
643	Preparation and size control of sub-100 nm pure nanodrugs. <i>Nano Letters</i> , 2015 , 15, 313-8	11.5	69
642	Molecular modification on bisphenanthroimidazole derivative for deep-blue organic electroluminescent material with ambipolar property and high performance. <i>Organic Electronics</i> , 2015 , 17, 159-166	3.5	67
641	A recyclable carbon nanoparticle-based fluorescent probe for highly selective and sensitive detection of mercapto biomolecules. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 127-134	7.3	69
640	High interfacial storage capability of porous NiMn ₂ O ₄ /C hierarchical tremella-like nanostructures as the lithium ion battery anode. <i>Nanoscale</i> , 2015 , 7, 225-31	7.7	132
639	Core-shell Si/C nanospheres embedded in bubble sheet-like carbon film with enhanced performance as lithium ion battery anodes. <i>Small</i> , 2015 , 11, 1345-51	11	122
638	Formation chemistry of perovskites with mixed iodide/chloride content and the implications on charge transport properties. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 9081-9085	13	92
637	Organic Light-Emitting Devices: Remanagement of Singlet and Triplet Excitons in Single-Emissive-Layer Hybrid White Organic Light-Emitting Devices Using Thermally Activated Delayed Fluorescent Blue Exciplex (Adv. Mater. 44/2015). <i>Advanced Materials</i> , 2015 , 27, 7078-7078	24	
636	Graphene-enhanced intermolecular interaction at interface between copper- and cobalt-phthalocyanines. <i>Journal of Chemical Physics</i> , 2015 , 143, 134706	3.9	4
635	Broadband light absorption enhancement in moth eye nanostructured organic solar cells. <i>AIP Advances</i> , 2015 , 5, 057164	1.5	23
634	In Situ Carbon-Doped Mo(S _e _{0.85} S _{0.15}) ₂ Hierarchical Nanotubes as Stable Anodes for High-Performance Sodium-Ion Batteries. <i>Small</i> , 2015 , 11, 5667-74	11	89
633	Novel Bipolar Phenanthroimidazole Derivative Design for a Nondoped Deep-Blue Emitter with High Singlet Exciton Yields. <i>Advanced Optical Materials</i> , 2015 , 3, 1215-1219	8.1	72
632	Reduced Graphene Oxide/Marcasite-Type Cobalt Selenide Nanocrystals as an Anode for Lithium-Ion Batteries with Excellent Cyclic Performance. <i>ChemElectroChem</i> , 2015 , 2, 1682-1686	4.3	79

631	Controllable Synthesis of Bandgap-Tunable Cu _x Se(1-x) Nanoplate Alloys. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1490-5	4.5	15
630	Remanagement of Singlet and Triplet Excitons in Single-Emissive-Layer Hybrid White Organic Light-Emitting Devices Using Thermally Activated Delayed Fluorescent Blue Exciplex. <i>Advanced Materials</i> , 2015 , 27, 7079-85	24	218
629	Pyrite FeS ₂ microspheres wrapped by reduced graphene oxide as high-performance lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7945-7949	13	119
628	Arrays of ZnO/CuIn _x Ga _{1-x} Se ₂ nanocables with tunable shell composition for efficient photovoltaics. <i>Journal of Applied Physics</i> , 2015 , 117, 205306	2.5	8
627	Highly Stable Near-Infrared Fluorescent Organic Nanoparticles with a Large Stokes Shift for Noninvasive Long-Term Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26266-74	9.5	107
626	Electronic Structures and Photoconversion Mechanism in Perovskite/Fullerene Heterojunctions. <i>Advanced Functional Materials</i> , 2015 , 25, 1213-1218	15.6	81
625	Nearly 100% triplet harvesting in conventional fluorescent dopant-based organic light-emitting devices through energy transfer from exciplex. <i>Advanced Materials</i> , 2015 , 27, 2025-30	24	189
624	Progress in the preparation and application of three-dimensional graphene-based porous nanocomposites. <i>Nanoscale</i> , 2015 , 7, 5563-77	7.7	107
623	Surface engineering of reduced graphene oxide for controllable ambipolar flash memories. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 1699-708	9.5	27
622	Enhanced tolerance to stretch-induced performance degradation of stretchable MnO ₂ -based supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 2569-74	9.5	61
621	Dendritic heterojunction nanowire arrays for high-performance supercapacitors. <i>Scientific Reports</i> , 2015 , 5, 7862	4.9	76
620	A meta-molecular tailoring strategy towards an efficient violet-blue organic electroluminescent material. <i>RSC Advances</i> , 2015 , 5, 18067-18074	3.7	41
619	Hydrophilic poly-ether side-chained benzodithiophene-based homopolymer for solar cells and field-effect transistors. <i>Journal of Materials Science</i> , 2015 , 50, 2263-2271	4.3	3
618	The Development of Phenanthroimidazole Derivatives in Blue-Emitting Organic Electroluminescence. <i>Science of Advanced Materials</i> , 2015 , 7, 2193-2205	2.3	43
617	Near-infrared fluorescence imaging using organic dye nanoparticles. <i>Biomaterials</i> , 2014 , 35, 3356-64	15.6	45
616	Suppression of Time-Dependent Donor/Acceptor Interface Degradation by Redistributing Donor Charge Density. <i>Advanced Materials Interfaces</i> , 2014 , 1, 1300082	4.6	7
615	Staggered Face-to-Face Molecular Stacking as a Strategy for Designing Deep-Blue Electroluminescent Materials with High Carrier Mobility. <i>Advanced Optical Materials</i> , 2014 , 2, 626-631	8.1	75
614	Porous CuCo ₂ O ₄ nanocubes wrapped by reduced graphene oxide as high-performance lithium-ion battery anodes. <i>Nanoscale</i> , 2014 , 6, 6551-6	7.7	119

613	Polymorphism and electronic properties of vanadyl-phthalocyanine films. <i>Organic Electronics</i> , 2014 , 15, 1586-1591	3.5	12
612	Water-dispersible, pH-stable and highly-luminescent organic dye nanoparticles with amplified emissions for in vitro and in vivo bioimaging. <i>Small</i> , 2014 , 10, 1125-32	11	28
611	Surface engineering of ZnO nanostructures for semiconductor-sensitized solar cells. <i>Advanced Materials</i> , 2014 , 26, 5337-67	24	131
610	Highly efficient orange and warm white phosphorescent OLEDs based on a host material with a carbazole-fluorenyl hybrid. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1500-5	4.5	10
609	Effects of deformation parameters on formation of pro-eutectoid cementite in hypereutectoid steels. <i>Journal of Central South University</i> , 2014 , 21, 1256-1263	2.1	1
608	Plasmonic enhanced dye-sensitized solar cells with self-assembly gold-TiO ₂ @core-shell nanoislands. <i>Solar Energy</i> , 2014 , 99, 115-125	6.8	35
607	A multifunctional phosphine oxide-diphenylamine hybrid compound as a high performance deep-blue fluorescent emitter and green phosphorescent host. <i>Chemical Communications</i> , 2014 , 50, 2027-9	5.8	49
606	Highly efficient organic tandem solar cell based on SubPc:C 70 bulk heterojunction. <i>Organic Electronics</i> , 2014 , 15, 3756-3760	3.5	21
605	Conductivity: Multi-Alternating Organic Semiconducting Films with High Electric Conductivity (Adv. Funct. Mater. 34/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 5456-5456	15.6	
604	Charge-Transfer Complexes: Charge-Transfer Complexes and Their Role in Exciplex Emission and Near-Infrared Photovoltaics (Adv. Mater. 31/2014). <i>Advanced Materials</i> , 2014 , 26, 5226-5226	24	3
603	Assembly of MnO ₂ nanowires@reduced graphene oxide hybrid with an interconnected structure for a high performance lithium ion battery. <i>RSC Advances</i> , 2014 , 4, 54416-54421	3.7	16
602	Two-dimensional benzodithiophene and benzothiadiazole based solution-processed small molecular organic field-effect transistors & solar cells. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3921	7.1	39
601	Single crystalline wurtzite ZnO/zinc blende ZnS coaxial heterojunctions and hollow zinc blende ZnS nanotubes: synthesis, structural characterization and optical properties. <i>Nanoscale</i> , 2014 , 6, 8787-95	7.7	66
600	Constructing a novel single-layer white organic light-emitting device through a new sky-blue fluorescent bipolar host. <i>Organic Electronics</i> , 2014 , 15, 3514-3520	3.5	5
599	Solution-processed, indacenodithiophene-based, small-molecule organic field-effect transistors and solar cells. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7523	7.1	37
598	Carbon nanoparticle-based ratiometric fluorescent sensor for detecting mercury ions in aqueous media and living cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21270-8	9.5	131
597	A stable high performance LiS battery with a polysulfide ion blocking layer. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5602	13	16
596	Hollow nanospheres of loosely packed Si/SiO _x nanoparticles encapsulated in carbon shells with enhanced performance as lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12289-12295	13	37

595	Facile fabrication and electrochemical properties of high-quality reduced graphene oxide/cobalt sulfide composite as anode material for lithium-ion batteries. <i>RSC Advances</i> , 2014 , 4, 37180-37186	3.7	50
594	Multi-Alternating Organic Semiconducting Films with High Electric Conductivity. <i>Advanced Functional Materials</i> , 2014 , 24, 5375-5379	15.6	9
593	Effects of dynamic recrystallisation during deep rolling of semisolid slab and heat treatment on microstructure and properties of AZ31 alloy. <i>Materials Science and Technology</i> , 2014 , 30, 309-315	1.5	4
592	Shape-controlled synthesis of organolead halide perovskite nanocrystals and their tunable optical absorption. <i>Materials Research Express</i> , 2014 , 1, 015034	1.7	35
591	Micro- and nanotechnologies for intracellular delivery. <i>Small</i> , 2014 , 10, 4487-504	11	59
590	Annealing-induced phase separation in small-molecular bulk heterojunctions. <i>Organic Electronics</i> , 2014 , 15, 2810-2816	3.5	3
589	A Simple Design for Strongly Emissive Sky-Blue Phosphorescent Neutral Rhenium Complexes: Synthesis, Photophysics, and Electroluminescent Devices. <i>Chemistry of Materials</i> , 2014 , 26, 2544-2550	9.6	54
588	Advances for the colorimetric detection of Hg ²⁺ in aqueous solution. <i>RSC Advances</i> , 2014 , 4, 48373-48387	3.7	80
587	Charge-transfer complexes and their role in exciplex emission and near-infrared photovoltaics. <i>Advanced Materials</i> , 2014 , 26, 5569-74	24	48
586	A graphene quantum dot photodynamic therapy agent with high singlet oxygen generation. <i>Nature Communications</i> , 2014 , 5, 4596	17.4	946
585	Solar Cells: Surface Engineering of ZnO Nanostructures for Semiconductor-Sensitized Solar Cells (Adv. Mater. 31/2014). <i>Advanced Materials</i> , 2014 , 26, 5575-5575	24	2
584	Phase conversion from hexagonal CuS(y)Se(1-y) to cubic Cu(2-x)S(y)Se(1-y): composition variation, morphology evolution, optical tuning, and solar cell applications. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 16352-9	9.5	40
583	Pyrene based conjugated materials: synthesis, characterization and electroluminescent properties. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 23320-8	3.6	24
582	Synthesis and photovoltaic properties of conjugated D π A copolymers based on thienyl substituted pyrene and diketopyrrolopyrrole for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 3198-3204 ¹²	2.5	12
581	Energy-band engineering for tunable memory characteristics through controlled doping of reduced graphene oxide. <i>ACS Nano</i> , 2014 , 8, 1923-31	16.7	42
580	Synthesis of porous ZnS:Ag ₂ S nanosheets by ion exchange for photocatalytic H ₂ generation. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9078-84	9.5	112
579	Synthesis of honeycomb-like mesoporous pyrite FeS ₂ microspheres as efficient counter electrode in quantum dots sensitized solar cells. <i>Small</i> , 2014 , 10, 4754-9	11	77
578	Si nanowire directly grown on a liquid metal substrate—towards wafer scale transferable nanowire arrays with improved visible-light sterilization. <i>Nanotechnology</i> , 2014 , 25, 145601	3.4	3

577	Achieving highly efficient simple-emission layer fluorescence/phosphorescence hybrid white organic light-emitting devices via effective confinement of triplets. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8964-70	9.5	29
576	Application of Charge Transfer Complexes in Organic Optoelectronic Devices 2014 ,		1
575	Enhanced performances in inverted small molecule solar cells by Ag nanoparticles. <i>Optics Express</i> , 2014 , 22 Suppl 7, A1669-79	3.3	6
574	Controllable growth of copper-phthalocyanine thin film on rough graphene substrate. <i>Applied Physics Letters</i> , 2014 , 105, 223110	3.4	8
573	Identification of multifunctional graphene-gold nanocomposite for environment-friendly enriching, separating, and detecting Hg ²⁺ simultaneously. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22761-8	9.5	56
572	Efficient optical absorption enhancement in organic solar cells by using a 2-dimensional periodic light trapping structure. <i>Applied Physics Letters</i> , 2014 , 104, 243904	3.4	12
571	A bipolar transporter as an efficient green fluorescent emitter and host for red phosphors in multi- and single-layer organic light-emitting diodes. <i>Chemistry - A European Journal</i> , 2014 , 20, 13762-9	4.8	23
570	A New Multifunctional Triazine/Carbazole Compound with High Triplet Energy for High-Performance Blue Fluorescence, Green and Red Phosphorescent Host, and Hybrid White Organic Light-Emitting Diodes. <i>Israel Journal of Chemistry</i> , 2014 , 54, 952-957	3.4	3
569	Corrigendum on Bshape-controlled synthesis of organolead halide perovskite nanocrystals and their tunable optical absorption[(2014 Mater. Res. Express 1 015034). <i>Materials Research Express</i> , 2014 , 1, 039501	1.7	9
568	Effect of the casting temperature on temperature field and microstructure of A2017 alloy during an innovative continuous semisolid rolling process with a vibrating sloping plate device. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 67, 917-923	3.2	8
567	Silicon nanowire based single-molecule SERS sensor. <i>Nanoscale</i> , 2013 , 5, 8172-6	7.7	29
566	Wide-Spectral Photoresponse of Black Molybdenum Oxide Photodetector via Sub-Bandgap Electronic Transition. <i>Advanced Optical Materials</i> , 2013 , 1, 699-702	8.1	11
565	Improvement in power conversion efficiency and long-term lifetime of organic photovoltaic cells by using bathophenanthroline/molybdenum oxide as compound cathode buffer layer. <i>Solar Energy Materials and Solar Cells</i> , 2013 , 117, 189-193	6.4	13
564	One-pot synthesis of graphene/In ₂ S ₃ nanoparticle composites for stable rechargeable lithium ion battery. <i>CrystEngComm</i> , 2013 , 15, 6578	3.3	24
563	Vertical nanostructure arrays by plasma etching for applications in biology, energy, and electronics. <i>Nano Today</i> , 2013 , 8, 265-289	17.9	65
562	Low-cost solar cell based on a composite of silicon nanowires and a highly conductive nonphotoactive polymer. <i>Chemistry - A European Journal</i> , 2013 , 19, 17273-6	4.8	4
561	Phase transformation and energy transfer induced photoluminescence modulation of fluorene based copolymer mono-dispersive nanoparticles. <i>RSC Advances</i> , 2013 , 3, 23704	3.7	3
560	Bipolar Phenanthroimidazole Derivatives Containing Bulky Polyaromatic Hydrocarbons for Nondoped Blue Electroluminescence Devices with High Efficiency and Low Efficiency Roll-Off. <i>Chemistry of Materials</i> , 2013 , 25, 4957-4965	9.6	186

559	A new multifunctional fluorenyl carbazole hybrid for high performance deep blue fluorescence, orange phosphorescent host and fluorescence/phosphorescence white OLEDs. <i>Dyes and Pigments</i> , 2013 , 97, 273-277	4.6	20
558	Novel Blue Fluorophor with High Triplet Energy Level for High Performance Single-Emitting-Layer Fluorescence and Phosphorescence Hybrid White Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013 , 25, 4454-4459	9.6	58
557	Charge interaction and interfacial electronic structures in a solid-state dye-sensitized solar cell. <i>Organic Electronics</i> , 2013 , 14, 2743-2747	3.5	10
556	The structural and optical properties of a single ZnO comb and an individual nail-like tooth. <i>CrystEngComm</i> , 2013 , 15, 10604	3.3	6
555	Non-blinking, highly luminescent, pH- and heavy-metal-ion-stable organic nanodots for bio-imaging. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3144-3151	7.3	24
554	Infrared organic photovoltaic device based on charge transfer interaction between organic materials. <i>Organic Electronics</i> , 2013 , 14, 291-294	3.5	12
553	Transmission optimization of multilayer OLED encapsulation based on spectroscopic ellipsometry. <i>Thin Solid Films</i> , 2013 , 549, 22-29	2.2	4
552	A pyrene-phenanthroimidazole derivative for non-doped blue organic light-emitting devices. <i>Dyes and Pigments</i> , 2013 , 98, 190-194	4.6	36
551	Polarity-Free Epitaxial Growth of Heterostructured ZnO/ZnS Core/Shell Nanobelts. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 740-4	6.4	15
550	The influence of donor material on achieving high photovoltaic response for organic bulk heterojunction cells with small ratio donor component. <i>Organic Electronics</i> , 2013 , 14, 1130-1135	3.5	20
549	Direct Threat of a UV-Ozone Treated Indium-Tin-Oxide Substrate to the Stabilities of Common Organic Semiconductors. <i>Advanced Functional Materials</i> , 2013 , 23, 1718-1723	15.6	40
548	The effects of oxygen on controlling the number of carbon layers in the chemical vapor deposition of graphene on a nickel substrate. <i>Nanotechnology</i> , 2013 , 24, 185603	3.4	8
547	In situ nitrogen-doped graphene grown from polydimethylsiloxane by plasma enhanced chemical vapor deposition. <i>Nanoscale</i> , 2013 , 5, 600-5	7.7	98
546	Novel efficient blue fluorophors with small singlet-triplet splitting: hosts for highly efficient fluorescence and phosphorescence hybrid WOLEDs with simplified structure. <i>Advanced Materials</i> , 2013 , 25, 2205-11	24	197
545	A versatile triphenylamine/fluoranthene-based derivative as a nondoped green-emitting, hole-transporting interlayer for electroluminescent devices. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1253-8	4.5	17
544	Carbazole/Sulfone Hybrid D- π A-Structured Bipolar Fluorophores for High-Efficiency Blue-Violet Electroluminescence. <i>Chemistry of Materials</i> , 2013 , 25, 2630-2637	9.6	167
543	Self-assembly and hierarchical patterning of aligned organic nanowire arrays by solvent evaporation on substrates with patterned wettability. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5757-62	9.5	23
542	Highly efficient blue and white phosphorescent OLEDs based on an iridium complex. <i>Dyes and Pigments</i> , 2013 , 96, 237-241	4.6	12

541	Efficient and stable deep-red phosphorescent organic light-emitting diodes based on an iridium complex containing a benzoxazole-substituted ancillary ligand. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2575-8	4.5	10
540	Microstructure evolution during novel rheorolling process for producing A356 alloy strip. <i>Materials Science and Technology</i> , 2013 , 29, 587-593	1.5	2
539	Molybdenum Oxides: Wide-Spectral Photoresponse of Black Molybdenum Oxide Photodetector via Sub-Bandgap Electronic Transition (Advanced Optical Materials 10/2013). <i>Advanced Optical Materials</i> , 2013 , 1, 778-778	8.1	
538	Anisotropic film growth of iron-phthalocyanine on graphene on a Ni(111) substrate: Roles of molecule-substrate and intermolecular interaction. <i>Applied Physics Letters</i> , 2013 , 102, 131606	3.4	10
537	Poly(3-hexylthiophene)/Gold Nanoparticle Hybrid System with an Enhanced Photoresponse for Light-Controlled Electronic Devices. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 599-605	3.1	14
536	Synthesis of In ₂ O ₃ -In ₂ S ₃ core-shell nanorods with inverted type-I structure for photocatalytic H ₂ generation. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12688-93	3.6	47
535	Nanocomposite: Poly(3-hexylthiophene)/Gold Nanoparticle Hybrid System with an Enhanced Photoresponse for Light-Controlled Electronic Devices (Part. Part. Syst. Charact. 7/2013). <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 646-646	3.1	1
534	Large-scale controllable patterning growth of aligned organic nanowires through evaporation-induced self-assembly. <i>Chemistry - A European Journal</i> , 2012 , 18, 975-80	4.8	16
533	Electron transport mechanisms in individual cobalt-doped ZnO nanorods. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	6
532	Influences of Ion-Induced Defects on Growth of Copper-Phthalocyanine Film on Graphene Substrates. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19278-19284	3.8	14
531	Synthesis and characterization of cyano-substituted pyridine derivatives for applications as exciton blockers in photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 5107		10
530	CdS/CdSe Double-Sensitized ZnO Nanocable Arrays Synthesized by Chemical Solution Method and Their Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 2656-2661	3.8	64
529	Si/poly-CuTAPC coaxial core-shell nanowire array as enhanced visible-light photocatalyst for hydrogen production. <i>Chemical Communications</i> , 2012 , 48, 2815-7	5.8	11
528	Bipolar cyano-substituted pyridine derivatives for applications in organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8922		21
527	Tunable band gaps and p-type transport properties of boron-doped graphenes by controllable ion doping using reactive microwave plasma. <i>ACS Nano</i> , 2012 , 6, 1970-8	16.7	206
526	Effect of Water and Oxygen on the Electronic Structure of the Organic Photovoltaic. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10982-10985	3.8	14
525	Exciplex emission and its relationship with depletion organic heterojunction. <i>Organic Electronics</i> , 2012 , 13, 1641-1645	3.5	19
524	An efficient hole-transporting blue fluorophore 3,6-dipyrenyl-9-ethylcarbazole for undoped organic light-emitting devices. <i>Synthetic Metals</i> , 2012 , 162, 415-418	3.6	11

523	Multifunctional electron-transporting indolizine derivatives for highly efficient blue fluorescence, orange phosphorescence host and two-color based white OLEDs. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4502		147
522	High Efficiency Nondoped Deep-Blue Organic Light Emitting Devices Based on Imidazole-Triphenylamine Derivatives. <i>Chemistry of Materials</i> , 2012 , 24, 61-70	9.6	291
521	Construction and evaluation of high-quality n-ZnO nanorod/p-diamond heterojunctions. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 4560-3	1.3	5
520	Iodine-doped-poly(3,4-ethylenedioxythiophene)-modified Si nanowire 1D core-shell arrays as an efficient photocatalyst for solar hydrogen generation. <i>Advanced Materials</i> , 2012 , 24, 6199-203	24	48
519	Large-scale synthesis of Cu ₂ SnS ₃ and Cu(1.8)S hierarchical microspheres as efficient counter electrode materials for quantum dot sensitized solar cells. <i>Nanoscale</i> , 2012 , 4, 6537-42	7.7	95
518	Bimetallic PtPd nanoparticles on Nafion-graphene film as catalyst for ethanol electro-oxidation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8057		134
517	Ultrabright and ultrastable near-infrared dye nanoparticles for in vitro and in vivo bioimaging. <i>Biomaterials</i> , 2012 , 33, 7803-9	15.6	69
516	Enhanced storage/operation stability of small molecule organic photovoltaics using graphene oxide interfacial layer. <i>Organic Electronics</i> , 2012 , 13, 3220-3225	3.5	14
515	Polyvinylpyrrolidone-assisted ultrasonic synthesis of SnO nanosheets and their use as conformal templates for tin dioxide nanostructures. <i>Langmuir</i> , 2012 , 28, 10597-601	4	36
514	Facile synthesis of laminate-structured graphene sheet/Fe ₃ O ₄ nanocomposites with superior high reversible specific capacity and cyclic stability for lithium-ion batteries. <i>RSC Advances</i> , 2012 , 2, 10680	3.7	49
513	Cu ₂ ZnSnS ₄ Hierarchical Microspheres as an Effective Counter Electrode Material for Quantum Dot Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19718-19723	3.8	181
512	New Ambipolar Hosts Based on Carbazole and 4,5-Diazafluorene Units for Highly Efficient Blue Phosphorescent OLEDs with Low Efficiency Roll-Off. <i>Chemistry of Materials</i> , 2012 , 24, 643-650	9.6	85
511	Simple near-infrared photodetector based on charge transfer complexes formed in molybdenum oxide doped N,N'-di(naphthalene-1-yl)-N,N'-diphenyl-benzidine. <i>Physica Status Solidi - Rapid Research Letters</i> , 2012 , 6, 129-131	2.5	14
510	A silicon/zinc 2,9,16,23-tetraaminophthalocyanine coaxial core-shell nanowire array as an efficient solar hydrogen generation photocatalyst. <i>Nanotechnology</i> , 2012 , 23, 175401	3.4	5
509	Visible-NIR photodetectors based on CdTe nanoribbons. <i>Nanoscale</i> , 2012 , 4, 2914-9	7.7	88
508	Arrays of CdSe sensitized ZnO/ZnSe nanocables for efficient solar cells with high open-circuit voltage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13374		89
507	Near-Infrared Electric Power Generation Through Sub-Energy-Gap Absorption in an Organic-Inorganic Composite. <i>Advanced Functional Materials</i> , 2012 , 22, 3035-3042	15.6	26
506	Management of singlet and triplet excitons in a single emission layer: a simple approach for a high-efficiency fluorescence/phosphorescence hybrid white organic light-emitting device. <i>Advanced Materials</i> , 2012 , 24, 3410-4	24	215

505	White OLEDs: Management of Singlet and Triplet Excitons in a Single Emission Layer: A Simple Approach for a High-Efficiency Fluorescence/Phosphorescence Hybrid White Organic Light-Emitting Device (Adv. Mater. 25/2012). <i>Advanced Materials</i> , 2012 , 24, 3290-3290	24	1
504	Microwave-assisted synthesis of Cu ₂ ZnSnS ₄ nanocrystals as a novel anode material for lithium ion battery. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	31
503	Charge depletion in organic heterojunction. <i>Applied Physics Letters</i> , 2012 , 100, 113301	3.4	17
502	Electron depletion and accumulation regions in n-type copper-hexadecafluoro-phthalocyanine and their effects on electronic properties. <i>Applied Physics Letters</i> , 2012 , 100, 103302	3.4	9
501	Plasma-assisted growth and nitrogen doping of graphene films. <i>Applied Physics Letters</i> , 2012 , 100, 253107	3.4	32
500	Energy band engineering and controlled p-type conductivity of CuAlO ₂ thin films by nonisovalent Cu-O alloying. <i>Applied Physics Letters</i> , 2012 , 100, 062102	3.4	34
499	In-situ phosphorous doping in ZnTe nanowires with enhanced p-type conductivity. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 2353-9	1.3	
498	Photocatalysis: Iodine-Doped-Poly(3,4-Ethylenedioxythiophene)-Modified Si Nanowire 1D Core-Shell Arrays as an Efficient Photocatalyst for Solar Hydrogen Generation (Adv. Mater. 46/2012). <i>Advanced Materials</i> , 2012 , 24, 6250-6250	24	
497	Molecule-substrate interaction channels of metal-phthalocyanines on graphene on Ni(111) surface. <i>Journal of Chemical Physics</i> , 2011 , 134, 094705	3.9	71
496	Tunable p-type conductivity and transport properties of AlN nanowires via Mg doping. <i>ACS Nano</i> , 2011 , 5, 3591-8	16.7	39
495	Distinct electroluminescent properties of triphenylamine derivatives in blue organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1206-1211		65
494	Single-crystalline ZnTe nanowires for application as high-performance green/ultraviolet photodetector. <i>Optics Express</i> , 2011 , 19, 6100-8	3.3	80
493	Stability enhancement in organic photovoltaic device by using polymerized fluorocarbon anode buffer layer. <i>Applied Physics Letters</i> , 2011 , 99, 033302	3.4	25
492	Arrays of ZnO/Zn(x)Cd(1-x)Se nanocables: band gap engineering and photovoltaic applications. <i>Nano Letters</i> , 2011 , 11, 4138-43	11.5	172
491	Co-sputtered oxide thin film encapsulated organic electronic devices with prolonged lifetime. <i>Thin Solid Films</i> , 2011 , 520, 1131-1135	2.2	5
490	Synthesis and optical properties of wurtzite ZnS nanorings. <i>Materials Letters</i> , 2011 , 65, 2585-2588	3.3	12
489	Electrical characterization and Raman spectroscopy of individual vanadium pentoxide nanowire. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 4929-4936	2.3	13
488	Facile solution growth of vertically aligned ZnO nanorods sensitized with aqueous CdS and CdSe quantum dots for photovoltaic applications. <i>Nanoscale Research Letters</i> , 2011 , 6, 340	5	60

487	Core/Sheath organic nanocable constructed with a master-slave molecular pair for optically switched memories. <i>Advanced Materials</i> , 2011 , 23, 5059-63	24	13
486	One-Step Self-Assembly, Alignment, and Patterning of Organic Semiconductor Nanowires by Controlled Evaporation of Confined Microfluids. <i>Angewandte Chemie</i> , 2011 , 123, 2863-2867	3.6	5
485	One-step self-assembly, alignment, and patterning of organic semiconductor nanowires by controlled evaporation of confined microfluids. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2811-5	16.4	63
484	Synthesis and characterization of phenanthroimidazole derivatives for applications in organic electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8206		91
483	Synthesis and properties of n-type triphenylpyridine derivatives and applications in deep-blue organic light-emitting devices as electron-transporting layer. <i>Journal of Materials Chemistry</i> , 2011 , 21, 12977		24
482	Aggregation-induced emission enhancement materials with large red shifts and their self-assembled crystal microstructures. <i>CrystEngComm</i> , 2011 , 13, 4617	3.3	30
481	Synthesis of hollow silica spheres with hierarchical shell structure by the dual action of liquid indium microbeads in vapor-liquid-solid growth. <i>Langmuir</i> , 2011 , 27, 7996-9	4	5
480	Controllable Fabrication of Three-Dimensional Radial ZnO Nanowire/Silicon Microrod Hybrid Architectures. <i>Crystal Growth and Design</i> , 2011 , 11, 147-153	3.5	49
479	Iridium(III) bis[2-(2-naphthyl)pyridine] (acetylacetonate)-based yellow and white phosphorescent organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4983		40
478	Effects of rubrene mixing on the electronic structures of donor/acceptor interface in organic photovoltaic device. <i>Applied Surface Science</i> , 2011 , 257, 8462-8464	6.7	8
477	Efficient blue organic light-emitting devices with a new bipolar emitter. <i>Organic Electronics</i> , 2011 , 12, 358-363	3.5	28
476	Carbazole-pyrene derivatives for undoped organic light-emitting devices. <i>Organic Electronics</i> , 2011 , 12, 541-546	3.5	26
475	High speed responsive near infrared photodetector focusing on 808nm radiation using hexadecafluorocopperphthalocyanine as the acceptor. <i>Organic Electronics</i> , 2011 , 12, 34-38	3.5	50
474	Mono-disperse silver quantum dots modified formvar film. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 7937-9	1.3	1
473	Low temperature processed bilayer dielectrics for low-voltage flexible saturated load inverters. <i>Applied Physics Letters</i> , 2011 , 98, 092904	3.4	19
472	UV irradiation induced switching of surface charge polarity on pyrene modified Si nanowires. <i>Applied Physics Letters</i> , 2011 , 98, 253101	3.4	3
471	High performance small molecule photodetector with broad spectral response range from 200 to 900 nm. <i>Applied Physics Letters</i> , 2011 , 99, 023305	3.4	31
470	Diameter- and Shape-Controlled ZnS/Si Nanocables and Si Nanotubes for SERS and Photocatalytic Applications. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-8	3.2	1

469	Characterization of the interface heat transfer coefficient during non-isothermal bulk forming of Ti ₆ Al ₄ V alloy. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2011 , 225, 1703-1712	2.4	
468	Operation stability enhancement in organic photovoltaic device by a metal doped organic exciton blocking layer. <i>Applied Physics Letters</i> , 2010 , 97, 143304	3.4	21
467	Limits of open circuit voltage in organic photovoltaic devices. <i>Applied Physics Letters</i> , 2010 , 96, 113303	3.4	69
466	Visible-blind ultraviolet sensitive photodiode with high responsivity and long term stability. <i>Applied Physics Letters</i> , 2010 , 97, 023306	3.4	26
465	p-type conductivity in silicon nanowires induced by heterojunction interface charge transfer. <i>Applied Physics Letters</i> , 2010 , 97, 153126	3.4	21
464	Organic-inorganic heterojunction field-effect transistors. <i>Journal of Applied Physics</i> , 2010 , 107, 024510	2.5	36
463	Interfacial electronic structure of copper hexadecafluorophthalocyanine and phthalocyanatotin (IV) dichloride studied by photoemission spectroscopy. <i>Applied Physics Letters</i> , 2010 , 96, 173303	3.4	9
462	COLOR TUNABLE ELECTROLUMINESCENCE FROM ORGANIC LIGHT-EMITTING DEVICES BY MANIPULATING EXCITON AND EXCIPLEX EMISSIONS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2010 , 19, 603-611	0.8	1
461	Importance of molecular alignment for organic photovoltaic devices. <i>Applied Physics Letters</i> , 2010 , 97, 163301	3.4	21
460	Investigation on the orderly growth of thick zinc phthalocyanine films on Ag(100) surface. <i>Journal of Chemical Physics</i> , 2010 , 133, 144704	3.9	15
459	Low-temperature synthesis of CuInSe ₂ nanotube array on conducting glass substrates for solar cell application. <i>ACS Nano</i> , 2010 , 4, 6064-70	16.7	84
458	Highly efficient non-doped deep-blue organic light-emitting diodes based on anthracene derivatives. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1560		108
457	Synthesis of Hierarchical Porous ZnO Disklike Nanostructures for Improved Photovoltaic Properties of Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 13157-13161	3.8	50
456	Tunable electrical properties of silicon nanowires via surface-ambient chemistry. <i>ACS Nano</i> , 2010 , 4, 3045-3052	3.7	65
455	High-Efficiency Nondoped Deep-Blue-Emitting Organic Electroluminescent Device. <i>Chemistry of Materials</i> , 2010 , 22, 2138-2141	9.6	67
454	High-Performance CdSe:In Nanowire Field-Effect Transistors Based on Top-Gate Configuration with High- κ Non-Oxide Dielectrics. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 4663-4668	3.8	19
453	Sensing of bacterial endotoxin in aqueous solution by supramolecular assembly of pyrene derivative. <i>Organic Letters</i> , 2010 , 12, 4014-7	6.2	52
452	Long aliphatic chain coated rare-earth nanocrystal as polymer-based optical waveguide amplifiers. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7526		42

451	Incorporation of graphenes in nanostructured TiO ₂ films via molecular grafting for dye-sensitized solar cell application. <i>ACS Nano</i> , 2010 , 4, 3482-8	16.7	431
450	ZnO/Au Composite Nanoarrays As Substrates for Surface-Enhanced Raman Scattering Detection. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 93-100	3.8	176
449	Synthesis, crystal structures, and photophysical properties of triphenylamine-based multicyano derivatives. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7273-8	4.2	79
448	Novel high proton conductive material from liquid crystalline 4-(octadecyloxy)phenylsulfonic acid. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6245		27
447	Large-scale synthesis and phase transformation of CuSe, CuInSe ₂ , and CuInSe ₂ /CuInS ₂ core/shell nanowire bundles. <i>ACS Nano</i> , 2010 , 4, 1845-50	16.7	102
446	High response deep ultraviolet organic photodetector with spectrum peak focused on 280 nm. <i>Applied Physics Letters</i> , 2010 , 96, 093302	3.4	47
445	Wafer-scale synthesis of single-crystal zigzag silicon nanowire arrays with controlled turning angles. <i>Nano Letters</i> , 2010 , 10, 864-8	11.5	115
444	Interface studies of intermediate connectors and their roles in tandem OLEDs. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2539-2548		49
443	Alignment of charge-transfer complexes for molecular devices. <i>Journal of Materials Chemistry</i> , 2010 , 20, 434-438		3
442	Facile solution synthesis without surfactant assistant for ultra long Alq ₃ sub-microwires and their enhanced field emission and waveguide properties. <i>Journal of Materials Chemistry</i> , 2010 , 20, 3006		39
441	Field electron emission of ZnO nanowire pyramidal bundle arrays. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 2360-5	1.3	4
440	One-dimensional III-V nanostructures: Synthesis, properties and optoelectronic applications. <i>Nano Today</i> , 2010 , 5, 313-336	17.9	261
439	Synthesis of Homogeneously Alloyed Cu ₂ (S _y Se _{1-y}) Nanowire Bundles with Tunable Compositions and Bandgaps. <i>Advanced Functional Materials</i> , 2010 , 20, 4190-4195	15.6	50
438	Synthesis of multiaryl-substituted pyridine derivatives and applications in non-doped deep-blue OLEDs as electron-transporting layer with high hole-blocking ability. <i>Advanced Materials</i> , 2010 , 22, 527-304	3.4	54
437	Efficient white organic light-emitting devices based on phosphorescent iridium complexes. <i>Organic Electronics</i> , 2010 , 11, 1511-1515	3.5	44
436	Up-conversion luminescence of crystalline rubrene without any sensitizers. <i>Organic Electronics</i> , 2010 , 11, 946-950	3.5	5
435	Visible-blind ultraviolet photo-detector using tris-(8-hydroxyquinoline) rare earth as acceptors and the effects of the bulk and interfacial exciplex emissions on the photo-responsivity. <i>Organic Electronics</i> , 2010 , 11, 1301-1306	3.5	19
434	Interfacial electronic structures of WO ₃ -based intermediate connectors in tandem organic light-emitting diodes. <i>Organic Electronics</i> , 2010 , 11, 1578-1583	3.5	36

433	High-efficiency undoped blue organic light-emitting device. <i>Dyes and Pigments</i> , 2010 , 86, 233-237	4.6	11
432	Implications of Interfacial Electronics to Performance of Organic Photovoltaic Devices. <i>Green Energy and Technology</i> , 2010 , 169-197	0.6	
431	Impact of dye interlayer on the performance of organic photovoltaic devices. <i>Applied Physics Letters</i> , 2009 , 95, 153303	3.4	19
430	Highly efficient nondoped green organic light-emitting devices based on a substituted triphenylpyridine derivative. <i>Applied Physics Letters</i> , 2009 , 95, 133301	3.4	15
429	Electronegativity equalization model for interface barrier formation at reactive metal/organic contacts. <i>Applied Physics Letters</i> , 2009 , 95, 173303	3.4	3
428	High-performance, fully transparent, and flexible zinc-doped indium oxide nanowire transistors. <i>Applied Physics Letters</i> , 2009 , 94, 123103	3.4	43
427	ZnO nanowire arrays grown on Al:ZnO buffer layers and their enhanced electron field emission. <i>Journal of Applied Physics</i> , 2009 , 106, 064303	2.5	22
426	p-type conduction in arsenic-doped ZnSe nanowires. <i>Applied Physics Letters</i> , 2009 , 95, 033117	3.4	38
425	Cascade-energy-level alignment based organic photovoltaic cells by utilizing copper phthalocyanine as bipolar carrier transporting layer. <i>Applied Physics Letters</i> , 2009 , 94, 143302	3.4	34
424	Crossbar heterojunction field effect transistors of CdSe:In nanowires and Si nanoribbons. <i>Applied Physics Letters</i> , 2009 , 95, 253107	3.4	10
423	Interface dipole at metal-organic interfaces: Contribution of metal induced interface states. <i>Applied Physics Letters</i> , 2009 , 94, 113304	3.4	24
422	Dye degradation induced by hydrogen-terminated silicon nanowires under ultrasonic agitations. <i>Journal of Applied Physics</i> , 2009 , 105, 034307	2.5	20
421	Influence of the donor/acceptor interface on the open-circuit voltage in organic solar cells. <i>Applied Physics Letters</i> , 2009 , 95, 093307	3.4	41
420	Substrate effects on the interface electronic properties of organic photovoltaic devices with an inverted C60/CuPc junction. <i>Journal of Applied Physics</i> , 2009 , 106, 114501	2.5	15
419	Strong Luminescent Iridium Complexes with C _N =N Structure in Ligands and Their Potential in Efficient and Thermally Stable Phosphorescent OLEDs. <i>Advanced Materials</i> , 2009 , 21, 339-343	24	90
418	ZnS/ZnO Heterojunction Nanoribbons. <i>Advanced Materials</i> , 2009 , 21, 2393-2396	24	65
417	Facile One-Step Fabrication of Ordered Organic Nanowire Films. <i>Advanced Materials</i> , 2009 , 21, 4172-4175	54	64
416	Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra. <i>Angewandte Chemie</i> , 2009 , 121, 9285-9287	3.6	15

4 ¹⁵	Polyhedral organic microcrystals: from cubes to rhombic dodecahedra. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9121-3	16.4	91
4 ¹⁴	Large-scale synthesis of Ga ₂ O ₃ nanoribbons by a two-step gas flow control. <i>Superlattices and Microstructures</i> , 2009 , 46, 585-592	2.8	2
4 ¹³	Growth mechanism of ZnO nanowires via direct Zn evaporation. <i>Journal of Materials Science</i> , 2009 , 44, 563-571	4.3	23
4 ¹²	Graphene sheets via microwave chemical vapor deposition. <i>Chemical Physics Letters</i> , 2009 , 467, 361-364	2.5	114
4 ¹¹	Substrate dependence of energy level alignment at the donor-acceptor interface in organic photovoltaic devices. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009 , 174, 35-39	1.7	31
4 ¹⁰	Mechanism of Ethanol Reforming: Theoretical Foundations. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 6681-6688	3.8	109
4 ⁰⁹	Vertically Aligned ZnO Nanorod Arrays Sensitized with Gold Nanoparticles for Schottky Barrier Photovoltaic Cells. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13433-13437	3.8	160
4 ⁰⁸	Fabrication of Architectures with Dual Hollow Structures: Arrays of Cu ₂ O Nanotubes Organized by Hollow Nanospheres. <i>Crystal Growth and Design</i> , 2009 , 9, 4524-4528	3.5	34
4 ⁰⁷	Efficient Hole-Blocker with Electron Transporting Property and Its Applications in Blue Organic Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 16792-16795	3.8	8
4 ⁰⁶	Bicrystalline CdS Nanoribbons. <i>Crystal Growth and Design</i> , 2009 , 9, 1375-1377	3.5	27
4 ⁰⁵	Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. <i>Chemistry of Materials</i> , 2009 , 21, 1284-1287	9.6	105
4 ⁰⁴	Formation and Photoelectric Properties of Periodically Twinned ZnSe/SiO ₂ Nanocables. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 834-838	3.8	38
4 ⁰³	High-quality Graphenes via a facile quenching method for field-effect transistors. <i>Nano Letters</i> , 2009 , 9, 1374-7	11.5	80
4 ⁰²	A High Performance Nondoped Blue Organic Light-Emitting Device Based on a Diphenylfluoranthene-Substituted Fluorene Derivative. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 6227-6230	2.8	39
4 ⁰¹	Magnetophotoluminescence properties of Co-doped ZnO nanorods. <i>Applied Physics Letters</i> , 2009 , 94, 151909	3.4	47
4 ⁰⁰	Ambient effects on fullerene/copper phthalocyanine photovoltaic interface. <i>Applied Physics Letters</i> , 2009 , 94, 193304	3.4	47
399	Electronic properties and open-circuit voltage enhancement in mixed copper phthalocyanine:fullerene bulk heterojunction photovoltaic devices. <i>Applied Physics Letters</i> , 2009 , 95, 203303	3.4	17
398	Coaxial nanocables of p-type zinc telluride nanowires sheathed with silicon oxide: synthesis, characterization and properties. <i>Nanotechnology</i> , 2009 , 20, 455702	3.4	19

397	Self-assembly of ZnO/SiO ₂ hierarchical nanostructures array on metal substrate. <i>Chemical Communications</i> , 2009 , 5916-8	5.8	6
396	ZnO Nanotube Arrays as Biosensors for Glucose. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 20169-20172	3.8	171
395	Interfaces in Organic Electronic Devices: New Insights to Traditional Concepts 2009 , 181-210		
394	Controlled synthesis of oriented single-crystal ZnO nanotube arrays on transparent conductive substrates. <i>Applied Physics Letters</i> , 2008 , 92, 053111	3.4	167
393	p-Type ZnO nanowire arrays. <i>Nano Letters</i> , 2008 , 8, 2591-7	11.5	223
392	p-type conduction in nitrogen-doped ZnS nanoribbons. <i>Applied Physics Letters</i> , 2008 , 93, 213102	3.4	31
391	Highly Efficient Blue Organic Light-Emitting Device Based on a Nondoped Electroluminescent Material. <i>Chemistry of Materials</i> , 2008 , 20, 6310-6312	9.6	62
390	New Fluorene Derivatives for Blue Electroluminescent Devices: Influence of Substituents on Thermal Properties, Photoluminescence, and Electroluminescence. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2165-2169	3.8	46
389	Vertically aligned p-type single-crystalline GaN nanorod arrays on n-type Si for heterojunction photovoltaic cells. <i>Nano Letters</i> , 2008 , 8, 4191-5	11.5	279
388	Highly Efficient Nondoped Blue Organic Light-Emitting Diodes Based on Anthracene-Triphenylamine Derivatives. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 14603-14606	3.8	114
387	A triphenylamine derivative as a single-emitting component for highly-efficient white electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3981		35
386	Charge generation layer in stacked organic light-emitting devices. <i>Journal of Applied Physics</i> , 2008 , 104, 034509	2.5	31
385	Grafting Branches and Diameter Adjustment to Nanotubes. <i>Chemistry of Materials</i> , 2008 , 20, 3740-3744	9.6	1
384	One- or Semi-Two-Dimensional Organic Nanocrystals Induced by Directional Supramolecular Interactions. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 16264-16268	3.8	27
383	Single-Crystal 9,10-Diphenylanthracene Nanoribbons and Nanorods. <i>Chemistry of Materials</i> , 2008 , 20, 6945-6950	9.6	62
382	High response organic ultraviolet photodetector based on blend of 4,4',4''-tri-(2-methylphenyl phenylamino) triphenylamine and tris-(8-hydroxyquinoline) gallium. <i>Applied Physics Letters</i> , 2008 , 93, 103309	3.4	46
381	Interfacial electronic structures in an organic double-heterostructure photovoltaic cell. <i>Applied Physics Letters</i> , 2008 , 93, 043512	3.4	57
380	Single zinc-doped indium oxide nanowire as driving transistor for organic light-emitting diode. <i>Applied Physics Letters</i> , 2008 , 92, 153312	3.4	27

379	Long-lifetime thin-film encapsulated organic light-emitting diodes. <i>Journal of Applied Physics</i> , 2008 , 104, 014509	2.5	36
378	Slope parameters at metal-organic interfaces. <i>Applied Physics Letters</i> , 2008 , 93, 093502	3.4	9
377	High-efficiency endothermic energy transfer in polymeric light-emitting devices based on cyclometalated Ir complexes. <i>Applied Physics Letters</i> , 2008 , 92, 023301	3.4	11
376	Memory effect and negative differential resistance in tris-(8-hydroxy quinoline) aluminum/bathocuproine bilayer devices. <i>Applied Physics Letters</i> , 2008 , 93, 083301	3.4	18
375	Approaches for achieving highly efficient exciplex-based organic light-emitting devices. <i>Applied Physics Letters</i> , 2008 , 93, 143301	3.4	26
374	Hysteresis in In ₂ O ₃ :Zn nanowire field-effect transistor and its application as a nonvolatile memory device. <i>Applied Physics Letters</i> , 2008 , 93, 183111	3.4	12
373	Controllable Synthesis of Vertically Aligned p-Type GaN Nanorod Arrays on n-Type Si Substrates for Heterojunction Diodes. <i>Advanced Functional Materials</i> , 2008 , 18, 3515-3522	15.6	45
372	Surface-Dominated Transport Properties of Silicon Nanowires. <i>Advanced Functional Materials</i> , 2008 , 18, 3251-3257	15.6	161
371	Tunable n-Type Conductivity and Transport Properties of Ga-doped ZnO Nanowire Arrays. <i>Advanced Materials</i> , 2008 , 20, 168-173	24	186
370	High Efficiency and Small Roll-Off Electrophosphorescence from a New Iridium Complex with Well-Matched Energy Levels. <i>Advanced Materials</i> , 2008 , 20, 774-778	24	98
369	Facile One-Step Growth and Patterning of Aligned Squaraine Nanowires via Evaporation-Induced Self-Assembly. <i>Advanced Materials</i> , 2008 , 20, 1716-1720	24	112
368	Photoconductivity of a Single Small-Molecule Organic Nanowire. <i>Advanced Materials</i> , 2008 , 20, 2427-2432	24	101
367	Epitaxial ZnS/Si core-shell nanowires and single-crystal silicon tube field-effect transistors. <i>Journal of Crystal Growth</i> , 2008 , 310, 165-170	1.6	12
366	Enhanced electrical properties of pentacene-based organic thin-film transistors by modifying the gate insulator surface. <i>Applied Surface Science</i> , 2008 , 254, 7688-7692	6.7	15
365	High-efficiency nondoped green organic light-emitting devices. <i>Chemical Physics Letters</i> , 2008 , 455, 79-82.5	82.5	23
364	Synthesis and characterization of GaP nanochains with a twin-modulated quasi-periodic structure. <i>Superlattices and Microstructures</i> , 2008 , 44, 208-215	2.8	2
363	Lifetime improvement of organic light-emitting diodes using silicon oxy-nitride as anode modifier. <i>Thin Solid Films</i> , 2008 , 516, 8195-8198	2.2	1
362	Transparent conducting aluminum-doped zinc oxide thin film prepared by sol-gel process followed by laser irradiation treatment. <i>Thin Solid Films</i> , 2008 , 517, 891-895	2.2	62

361	Single-crystal nanoribbons, nanotubes, and nanowires from intramolecular charge-transfer organic molecules. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3527-32	16.4	179
360	Electronic structures of organic/organic heterojunctions: From vacuum level alignment to Fermi level pinning. <i>Journal of Applied Physics</i> , 2007 , 101, 064504	2.5	92
359	Single-crystal organic microtubes with a rectangular cross section. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1525-8	16.4	121
358	Influences of Connecting Unit Architecture on the Performance of Tandem Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2007 , 17, 2509-2514	15.6	74
357	Transparent organic light-emitting devices with LiF/Yb:Ag cathode. <i>Thin Solid Films</i> , 2007 , 515, 6975-6977	2.2	13
356	Photoluminescence and electroluminescence of a novel green-yellow emitting material, 6-Bis-[4-(naphthalene-1-yl-phenyl-amino)-phenyl]-pyrazine-2,3-dicarbonitrile. <i>Journal of Luminescence</i> , 2007 , 124, 221-227	3.8	15
355	Artificial neural network modeling of phase volume fraction of Ti alloy under isothermal and non-isothermal hot forging conditions. <i>Journal of Mechanical Science and Technology</i> , 2007 , 21, 1560-1565	1.6	2
354	Copper hexadecafluorophthalocyanine and copper phthalocyanine as a pure organic connecting unit in blue tandem organic light-emitting devices. <i>Journal of Applied Physics</i> , 2007 , 101, 014509	2.5	70
353	Continuous near-infrared-to-ultraviolet lasing from II-VI nanoribbons. <i>Applied Physics Letters</i> , 2007 , 90, 213114	3.4	46
352	Efficient green organic light-emitting devices with a nondoped dual-functional electroluminescent material. <i>Applied Physics Letters</i> , 2007 , 91, 153504	3.4	24
351	Template fabrication of SiO ₂ nanotubes. <i>Applied Physics Letters</i> , 2007 , 90, 103114	3.4	9
350	Efficiency enhancement and voltage reduction in white organic light-emitting devices. <i>Applied Physics Letters</i> , 2007 , 90, 203510	3.4	33
349	Efficient blue and white organic light-emitting devices based on a single bipolar emitter. <i>Applied Physics Letters</i> , 2007 , 91, 013507	3.4	42
348	High-Tg Triphenylamine-Based Starburst Hole-Transporting Material for Organic Light-Emitting Devices. <i>Chemistry of Materials</i> , 2007 , 19, 5851-5855	9.6	79
347	Wavelength-tunable lasing in single-crystal CdS _{1-x} Se _x nanoribbons. <i>Nanotechnology</i> , 2007 , 18, 365606	3.4	42
346	Oxide Shell Assisted Vapor-Liquid-Solid Growth of Periodic Composite Nanowires: A Case of Si/Sn. <i>Chemistry of Materials</i> , 2007 , 19, 5598-5601	9.6	9
345	High-efficiency nondoped white organic light-emitting devices. <i>Applied Physics Letters</i> , 2007 , 91, 023503	3.4	49
344	Doping-induced efficiency enhancement in organic photovoltaic devices. <i>Applied Physics Letters</i> , 2007 , 90, 023504	3.4	138

- 343 Applications of silicon nanowires functionalized with palladium nanoparticles in hydrogen sensors. *Nanotechnology*, **2007**, 18, 345502 3.4 69
- 342 Dynamic-coarsening behavior of an α -titanium alloy. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2006**, 37, 1125-1136 2.3 75
- 341 Copper-Airbridged Low-Noise GaAs PHEMT With $\text{Ti}/\text{WN}_x/\text{Ti}$ Diffusion Barrier for High-Frequency Applications. *IEEE Transactions on Electron Devices*, **2006**, 53, 1753-1758 2.9 3
- 340 Dart-shaped tricrystal ZnS nanoribbons. *Angewandte Chemie - International Edition*, **2006**, 45, 2568-71 16.4 56
- 339 Dart-Shaped Tricrystal ZnS Nanoribbons. *Angewandte Chemie*, **2006**, 118, 2630-2633 3.6 5
- 338 Fluorocarbon film as cathode protective coating in organic light-emitting devices. *Applied Physics Letters*, **2006**, 88, 223503 3.4 8
- 337 Surface microstructure analysis of cubic boron nitride films by transmission electron microscopy. *Applied Physics Letters*, **2006**, 88, 031904 3.4 10
- 336 High-performance organic red-light-emitting devices based on a greenish-yellow-light-emitting host and long-wavelength emitting dopant. *Applied Physics Letters*, **2006**, 88, 183504 3.4 7
- 335 Contrast improvement of organic light-emitting devices with Sm:Ag cathode. *Applied Physics Letters*, **2006**, 88, 083507 3.4 22
- 334 Efficient organic photovoltaic devices using a combination of exciton blocking layer and anodic buffer layer. *Journal of Applied Physics*, **2006**, 100, 094506 2.5 159
- 333 Application of metal-doped organic layer both as exciton blocker and optical spacer for organic photovoltaic devices. *Applied Physics Letters*, **2006**, 89, 163515 3.4 55
- 332 Photoluminescence and electroluminescence of a new blue-emitting homoleptic iridium complex. *Applied Physics Letters*, **2006**, 88, 093510 3.4 36
- 331 Substrate effects on the electronic properties of an organic/organic heterojunction. *Applied Physics Letters*, **2006**, 88, 232103 3.4 47
- 330 Observation of near infrared and enhanced visible emissions from electroluminescent devices with organo samarium(III) complex. *Journal Physics D: Applied Physics*, **2006**, 39, 4549-4552 3 22
- 329 Effective organic-based connection unit for stacked organic light-emitting devices. *Applied Physics Letters*, **2006**, 89, 133511 3.4 79
- 328 Photoluminescence and photoconductivity properties of copper-doped $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ nanoribbons. *Nanotechnology*, **2006**, 17, 5935-5940 3.4 38
- 327 Geometric and excited-state properties of 1,4-bis(benzothiazolylvinyl)benzene interacting with 2,2',2''-(1,3,5-phenylene)tris[1-phenyl-1H-benzimidazole] studied by a density-functional tight-binding method. *Journal of Physical Chemistry B*, **2006**, 110, 20847-51 3.4 6
- 326 Photoluminescence and electroluminescence of 3-methyl-8-dimethylaminophenazine. *Synthetic Metals*, **2006**, 156, 185-189 3.6 3

325	17.1: Invited Paper: Carrier Injection Barrier Formation at Metal/Organic Interfaces. <i>Digest of Technical Papers SID International Symposium, 2006</i> , 37, 1095	0.5	
324	Ultraviolet photoelectron spectroscopy investigation of interface formation in an indium oxide/fluorocarbon/organic semiconductor contact. <i>Applied Surface Science, 2006</i> , 252, 3806-3811	6.7	12
323	Chemical bonding and electronic structures at magnesium/copper phthalocyanine interfaces. <i>Applied Surface Science, 2006</i> , 252, 3948-3952	6.7	25
322	Performance enhancement of organic light-emitting diode by heat treatment. <i>Journal of Crystal Growth, 2006</i> , 288, 110-114	1.6	6
321	Electron mobility of rare earth complexes measured by transient electroluminescence method. <i>Solid-State Electronics, 2006</i> , 50, 1584-1587	1.7	2
320	Interfacial electronic structure of copper phthalocyanine and copper hexadecafluorophthalocyanine studied by photoemission. <i>Applied Physics Letters, 2006</i> , 88, 1735-13	3.4	107
319	High-contrast and high-efficiency top-emitting organic light-emitting devices. <i>Applied Physics A: Materials Science and Processing, 2006</i> , 85, 95-97	2.6	14
318	High-efficiency polymer electrophosphorescent diodes based on an Ir (III) complex. <i>Applied Physics Letters, 2005</i> , 87, 2211-03	3.4	38
317	Efficient UV-sensitive organic photovoltaic devices using a starburst amine as electron donor. <i>Journal of Materials Chemistry, 2005</i> , 15, 3268		13
316	Novel Starburst Molecule as a Hole Injecting and Transporting Material for Organic Light-Emitting Devices. <i>Chemistry of Materials, 2005</i> , 17, 615-619	9.6	111
315	Molecular orientation and film morphology of pentacene on native silicon oxide surface. <i>Journal of Physical Chemistry B, 2005</i> , 109, 9892-6	3.4	32
314	Photovoltaic effects of diodes containing lanthanide complexes. <i>Journal of Alloys and Compounds, 2005</i> , 389, 252-255	5.7	6
313	Morphology-controllable synthesis of pyrene nanostructures and its morphology dependence of optical properties. <i>Journal of Physical Chemistry B, 2005</i> , 109, 18777-80	3.4	93
312	Calcium/poly(9,9-dioctylfluorene) interaction: a theoretical study. <i>Journal of Physical Chemistry B, 2005</i> , 109, 12868-73	3.4	9
311	A High Tg Carbazole-Based Hole-Transporting Material for Organic Light-Emitting Devices. <i>Chemistry of Materials, 2005</i> , 17, 1208-1212	9.6	191
310	Metal/Polymer Interface Studies for Organic Light-Emitting Devices 2005 , 181-214		1
309	Study of tribological performance of ECRIVD diamond-like carbon coatings on steel substrates. <i>Wear, 2005</i> , 258, 1589-1599	3.5	66
308	Study of tribological performance of ECRIVD diamond-like carbon coatings on steel substrates. <i>Wear, 2005</i> , 258, 1577-1588	3.5	23

307	Highly Efficient Non-Doped Blue Organic Light-Emitting Diodes Based on Fluorene Derivatives with High Thermal Stability. <i>Advanced Functional Materials</i> , 2005 , 15, 1716-1721	15.6	261
306	Wavelength-Controlled Lasing in Zn Cd S Single-Crystal Nanoribbons. <i>Advanced Materials</i> , 2005 , 17, 1372-1377	1.88	
305	Fabrication and microstructures of Si composite nanocone arrays. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005 , 202, 2479-2483	1.6	7
304	Temperature-dependent growth of germanium oxide and silicon oxide based nanostructures, aligned silicon oxide nanowire assemblies, and silicon oxide microtubes. <i>Small</i> , 2005 , 1, 429-38	11	50
303	Electronegativity model for barrier formation at metal/organic interfaces. <i>Applied Physics Letters</i> , 2005 , 87, 252110	3.4	24
302	Uniform-diameter, aligned carbon nanotubes from microwave plasma-enhanced chemical-vapor deposition. <i>Journal of Applied Physics</i> , 2005 , 97, 084307	2.5	13
301	Conducting fluorocarbon coatings for organic light-emitting diodes. <i>Applied Physics Letters</i> , 2004 , 84, 4032-4034	3.4	23
300	Impact of the metal cathode and CsF buffer layer on the performance of organic light-emitting devices. <i>Journal of Applied Physics</i> , 2004 , 95, 5397-5402	2.5	47
299	High-quality CdS nanoribbons with lasing cavity. <i>Applied Physics Letters</i> , 2004 , 85, 3241-3243	3.4	102
298	Enhancement of green electroluminescence from 2,5-di-p-anisyl-isobenzofuran by double-layer doping strategy. <i>Thin Solid Films</i> , 2004 , 446, 111-116	2.2	14
297	Well-Aligned ZnO Nanowire Arrays Fabricated on Silicon Substrates. <i>Advanced Functional Materials</i> , 2004 , 14, 589-594	15.6	255
296	White-Light Emission from a Single-Emitting-Component Organic Electroluminescent Device. <i>Advanced Materials</i> , 2004 , 16, 1538-1541	24	155
295	Non-reflective black cathode in organic light-emitting diode. <i>Thin Solid Films</i> , 2004 , 446, 143-146	2.2	30
294	Flexible organic light-emitting device based on magnetron sputtered indium-tin-oxide on plastic substrate. <i>Thin Solid Films</i> , 2004 , 466, 225-230	2.2	93
293	Interface gap states of 8-hydroxyquinoline aluminum induced by cesium metal. <i>Chemical Physics Letters</i> , 2004 , 392, 40-43	2.5	6
292	Electronegativity and charge-injection barrier at organic/metal interfaces. <i>Chemical Physics Letters</i> , 2004 , 396, 92-96	2.5	32
291	Time-resolved transient electroluminescence measurements of emission from DCM-doped Alq3 layers. <i>Chemical Physics Letters</i> , 2004 , 397, 87-90	2.5	12
290	Application of an evaporable fluoro-molecule as an anode buffer layer in organic electroluminescent devices. <i>Chemical Physics Letters</i> , 2004 , 399, 337-341	2.5	13

289	Photoemission study of hole-injection enhancement in organic electroluminescent devices with Au/CFx anode. <i>Applied Physics Letters</i> , 2004 , 84, 73-75	3.4	24
288	Orderly Growth of Copper Phthalocyanine on Highly Oriented Pyrolytic Graphite (HOPG) at High Substrate Temperatures. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 1529-1532	3.4	49
287	Zinc Selenide Nanoribbons and Nanowires. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 2784-2787	3.4	149
286	Observation of 1.5 μ m photoluminescence and electroluminescence from a holmium organic complex. <i>Applied Physics Letters</i> , 2004 , 84, 5115-5117	3.4	38
285	Photoemission and vibrational studies of metal/organic interfaces modified by plasma-polymerized fluorocarbon films. <i>Applied Surface Science</i> , 2004 , 239, 117-124	6.7	5
284	Distinct interfaces of poly (9,9-dioctylfluorene-co-benzothiadiazole) with cesium and calcium as observed by photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2003 , 94, 5763-5770	2.5	27
283	Photoemission study of interface formation between ytterbium and tris-(8-hydroxyquinoline) aluminum. <i>Chemical Physics Letters</i> , 2003 , 380, 63-69	2.5	5
282	Efficiency and stability enhancement in organic light-emitting devices with CsF/Mg:Ag cathode. <i>Chemical Physics Letters</i> , 2003 , 380, 298-303	2.5	15
281	Structure- and size-controlled ultrafine ZnS nanowires. <i>Chemical Physics Letters</i> , 2003 , 382, 434-438	2.5	95
280	Red electroluminescence and photoluminescence properties of new porphyrin compounds. <i>Chemical Physics Letters</i> , 2003 , 382, 561-566	2.5	42
279	Growth Direction and Cross-Sectional Study of Silicon Nanowires. <i>Advanced Materials</i> , 2003 , 15, 607-609	24	92
278	High-Density, Ordered Ultraviolet Light-Emitting ZnO Nanowire Arrays. <i>Advanced Materials</i> , 2003 , 15, 838-841	24	566
277	ZnS Nanowires with Wurtzite Polytype Modulated Structure. <i>Advanced Materials</i> , 2003 , 15, 1195-1198	24	169
276	Fabrication of Germanium-Filled Silica Nanotubes and Aligned Silica Nanofibers. <i>Advanced Materials</i> , 2003 , 15, 70-73	24	91
275	Hydrogen-Assisted Thermal Evaporation Synthesis of ZnS Nanoribbons on a Large Scale. <i>Advanced Materials</i> , 2003 , 15, 323-327	24	257
274	A simple large-scale synthesis of very long aligned silica nanowires. <i>Chemical Physics Letters</i> , 2003 , 367, 339-343	2.5	110
273	Interfaces between 8-hydroxyquinoline aluminum and cesium as affected by their deposition sequences. <i>Chemical Physics Letters</i> , 2003 , 367, 753-758	2.5	11
272	Silicon nanowires as chemical sensors. <i>Chemical Physics Letters</i> , 2003 , 369, 220-224	2.5	205

271	Blue and white organic electroluminescent devices based on 9,10-bis(2?-naphthyl)anthracene. <i>Chemical Physics Letters</i> , 2003 , 369, 478-482	2.5	79
270	Photoelectron spectroscopic study of iodine- and bromine-treated indium tin oxides and their interfaces with organic films. <i>Chemical Physics Letters</i> , 2003 , 370, 425-430	2.5	22
269	Vibrational analysis of oxygen-plasma treated indium tin oxide. <i>Chemical Physics Letters</i> , 2003 , 370, 795-798	2.5	17
268	Boron nanowires synthesized by laser ablation at high temperature. <i>Chemical Physics Letters</i> , 2003 , 370, 825-828	2.5	62
267	Efficiency enhancement and retarded dark-spots growth of organic light-emitting devices by high-temperature processing. <i>Chemical Physics Letters</i> , 2003 , 371, 700-706	2.5	44
266	A soft X-ray absorption study of nanodiamond films prepared by hot-filament chemical vapor deposition. <i>Chemical Physics Letters</i> , 2003 , 372, 320-324	2.5	27
265	HREELS study on the interaction of MgF ₂ with tris(8-hydroxy-quinoline) aluminum. <i>Chemical Physics Letters</i> , 2003 , 374, 119-124	2.5	1
264	Highly efficient and substrate independent CsF/Yb/Ag cathodes for organic light-emitting devices. <i>Chemical Physics Letters</i> , 2003 , 374, 215-221	2.5	21
263	A mechanistic study of exciplex formation and efficient red light-emitting devices based on rare earth complexes. <i>Organic Electronics</i> , 2003 , 4, 149-154	3.5	11
262	Argon ion stimulated conversion between CF _x (x = 0B) chemical states and fluorine depletion in fluorocarbon films studied by X-ray photoelectron spectroscopy. <i>Applied Surface Science</i> , 2003 , 220, 19-25	6.7	5
261	Improved luminescent efficiency of a red organic dye with modified molecular structure. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003 , 100, 59-62	3.1	8
260	Concentration effect of glycerol on the conductivity of PEDOT film and the device performance. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003 , 104, 26-30	3.1	30
259	Formation and structure of a-C/nanodiamond composite films by prolonged bias enhanced nucleation. <i>Diamond and Related Materials</i> , 2003 , 12, 1640-1646	3.5	15
258	Synthesis, photoluminescence and electroluminescence of new 1H-pyrazolo[3,4-b]quinoxaline derivatives. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1894		66
257	A Novel Neutral Red Derivative for Applications in High-Performance Red-Emitting Electroluminescent Devices. <i>Chemistry of Materials</i> , 2003 , 15, 1913-1917	9.6	29
256	Fabrication and Characterization of Pure and Well-Aligned Carbon Nanotubes Using Methane/NitrogenAmmonia Plasma. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 1514-1517	3.4	14
255	Thermal Reduction Route to the Fabrication of Coaxial Zn/ZnO Nanocables and ZnO Nanotubes. <i>Chemistry of Materials</i> , 2003 , 15, 305-308	9.6	286
254	A New Family of Isophorone-Based Dopants for Red Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2003 , 15, 1486-1490	9.6	84

253	Gallium nitride nanowires doped with silicon. <i>Applied Physics Letters</i> , 2003 , 83, 4241-4243	3.4	51
252	Small-diameter silicon nanowire surfaces. <i>Science</i> , 2003 , 299, 1874-7	33.3	1024
251	A dinuclear aluminum 8-hydroxyquinoline complex with high electron mobility for organic light-emitting diodes. <i>Applied Physics Letters</i> , 2003 , 82, 1296-1298	3.4	38
250	Synthesis and characterization of ZnS bicrystal nanoribbons. <i>Applied Physics Letters</i> , 2003 , 83, 2244-2246	3.4	46
249	A bis-salicylaldiminato Schiff base and its zinc complex as new highly fluorescent red dopants for high performance organic electroluminescence devices. <i>Chemical Communications</i> , 2003 , 1664-1665	5.8	141
248	Electrical properties of zinc oxide nanowires and intramolecular p-n junctions. <i>Applied Physics Letters</i> , 2003 , 83, 3168-3170	3.4	131
247	A thermodynamic and kinetic study of the formation of C20 compounds encapsulating H, He and Ne atoms. <i>Theoretical Chemistry Accounts</i> , 2003 , 109, 278-283	1.9	6
246	Thermally Stable Hole-Transporting Material for Organic Light-Emitting Diode: an Isoindole Derivative. <i>Chemistry of Materials</i> , 2003 , 15, 3148-3151	9.6	79
245	Efficient red electroluminescence from organic devices using dye-doped rare earth complexes. <i>Applied Physics Letters</i> , 2003 , 82, 2218-2220	3.4	30
244	Investigation of calcium as high performance cathode in small-molecule based organic light-emitting devices. <i>Journal of Applied Physics</i> , 2003 , 94, 7297-7299	2.5	14
243	Experimental study of a chemical reaction between LiF and Al. <i>Journal of Applied Physics</i> , 2003 , 94, 169-173	2.3	29
242	Oxide-assisted growth and characterization of Ge/SiO _x nanocables. <i>Applied Physics Letters</i> , 2003 , 83, 2241-2243	3.4	42
241	Role of ytterbium and ytterbium/cesium fluoride on the chemistry of poly(9,9-dioctylfluorene-co-benzothiadiazole) as investigated by photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2003 , 94, 2686-2694	2.5	14
240	Improved performance and stability of organic light-emitting devices with silicon oxy-nitride buffer layer. <i>Applied Physics Letters</i> , 2003 , 83, 1038-1040	3.4	56
239	Properties of 4-dicyanomethylene-2-methyl-6-(p-dimethyl-aminostyryl)-4H-pyran-doped Alq layers as optically pumped lasers. <i>Applied Physics Letters</i> , 2003 , 83, 1295-1297	3.4	3
238	Efficient CsF/Yb/Ag cathodes for organic light-emitting devices. <i>Applied Physics Letters</i> , 2003 , 82, 1784-1786	3.8	61
237	Sample refinement and manipulation of silicon nanowires: A step towards single wire characterization. <i>Materials Characterization</i> , 2002 , 48, 177-181	3.9	2
236	Metal Silicide/Silicon Nanowires from Metal Vapor Vacuum Arc Implantation. <i>Advanced Materials</i> , 2002 , 14, 218-221	24	39

235	Fabrication and Field Emission of High-Density Silicon Cone Arrays. <i>Advanced Materials</i> , 2002 , 14, 1308-1311	3.1	59
234	Synthesis and Nanostructuring of Patterned Wires of β -GeO ₂ by Thermal Oxidation. <i>Advanced Materials</i> , 2002 , 14, 1396-1399	2.4	37
233	Microstructural characterization of Si cones fabricated by Ar ⁺ -sputtering Si/Mo targets. <i>Journal of Crystal Growth</i> , 2002 , 234, 654-659	1.6	11
232	Direct growth of β -SiC nanowires from SiO _x thin films deposited on Si (1 0 0) substrate. <i>Chemical Physics Letters</i> , 2002 , 355, 147-150	2.5	31
231	Substrate dependence of thermal effect on organic light-emitting films. <i>Chemical Physics Letters</i> , 2002 , 356, 194-200	2.5	8
230	Uniform carbon nanoflake films and their field emissions. <i>Chemical Physics Letters</i> , 2002 , 358, 187-191	2.5	125
229	Control of growth orientation of GaN nanowires. <i>Chemical Physics Letters</i> , 2002 , 359, 241-245	2.5	65
228	Ultrafine and uniform silicon nanowires grown with zeolites. <i>Chemical Physics Letters</i> , 2002 , 365, 22-26	2.5	39
227	Applications of Ytterbium in organic light-emitting devices as high performance and transparent electrodes. <i>Chemical Physics Letters</i> , 2002 , 366, 128-133	2.5	57
226	Near-edge X-ray absorption fine structure study of helicity and defects in carbon nanotubes. <i>Chemical Physics Letters</i> , 2002 , 366, 636-641	2.5	54
225	Ag Nanostructures on a Silicon Nanowire Template: Preparation and X-ray Absorption Fine Structure Study at the Si K-edge and Ag L _{3,2} -edge. <i>Chemistry of Materials</i> , 2002 , 14, 2519-2526	9.6	22
224	Metal/Alq ₃ interactions in organic light emitting devices: The different roles of Mg, Al, and Li atoms. <i>Journal of Chemical Physics</i> , 2002 , 116, 8827-8837	3.9	31
223	New polycyclic aromatic hydrocarbon dopants for red organic electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1307-1310		34
222	Interface between poly (9,9-dioctylfluorene) and alkali metals: cesium, potassium, sodium, and lithium. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002 , 20, 911-918	2.9	12
221	Periodic array of intramolecular junctions of silicon nanowires. <i>Applied Physics Letters</i> , 2002 , 81, 3233-3235	3.4	20
220	Microstructure and field emission properties of coral-like carbon nanotubes. <i>Applied Physics Letters</i> , 2002 , 81, 5024-5026	3.4	24
219	Negative differential resistance in scanning-tunneling spectroscopy of diamond films. <i>Applied Physics Letters</i> , 2002 , 80, 1231-1233	3.4	8
218	Manipulation of the equilibrium between diamond growth and renucleation to form a nanodiamond/amorphous carbon composite. <i>Applied Physics Letters</i> , 2002 , 80, 3307-3309	3.4	43

217	Dispersion, refinement, and manipulation of single silicon nanowires. <i>Applied Physics Letters</i> , 2002 , 80, 1812-1814	3.4	5
216	Bifunctional photovoltaic and electroluminescent devices using a starburst amine as an electron donor and hole-transporting material. <i>Applied Physics Letters</i> , 2002 , 81, 2878-2880	3.4	43
215	DIAMOND GROWN ON STEEL VIA IN-SITU FORMED INTERLAYERS. <i>International Journal of Modern Physics B</i> , 2002 , 16, 881-886	1.1	3
214	Interfaces between poly(9,9-dioctylfluorene) and alkali metals as affected by molecular weight and oxygen 2002 , 4464, 232		1
213	Phosphorus-doped silicon nanowires studied by near edge x-ray absorption fine structure spectroscopy. <i>Applied Physics Letters</i> , 2002 , 80, 3709-3711	3.4	29
212	Templating effect of hydrogen-passivated silicon nanowires in the production of hydrocarbon nanotubes and nanoions via sonochemical reactions with common organic solvents under ambient conditions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14856-7	16.4	53
211	Synthesis of β -Ga ₂ O ₃ Nanowires by Laser Ablation. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 9536-9539	3.4	92
210	Silicon Nanowires Wrapped with Au Film. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 6980-6984	3.4	25
209	Improved efficiency by a graded emissive region in organic light-emitting diodes. <i>Applied Physics Letters</i> , 2002 , 80, 3641-3643	3.4	72
208	Reductive growth of nanosized ligated metal clusters on silicon nanowires. <i>Inorganic Chemistry</i> , 2002 , 41, 4331-6	5.1	22
207	Large-Scale Rapid Oxidation Synthesis of SnO ₂ Nanoribbons. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 3823-3826	3.4	343
206	Anode modification of polyfluorene-based polymer light-emitting devices. <i>Applied Physics Letters</i> , 2002 , 81, 1497-1499	3.4	33
205	Synthesis of Uniform Hexagonal Prismatic ZnO Whiskers. <i>Chemistry of Materials</i> , 2002 , 14, 1216-1219	9.6	260
204	New 1H-pyrazolo[3,4-b]quinoxaline derivatives as sharp green-emitting dopants for highly efficient electroluminescent devices. <i>Chemical Communications</i> , 2002 , 1404-1405	5.8	27
203	Formation of silicon carbide nanotubes and nanowires via reaction of silicon (from disproportionation of silicon monoxide) with carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14464-71	16.4	482
202	Photoelectron spectroscopic studies of poly(9,9-dioctylfluorene)/potassium interface, and its influence by oxygen. <i>Synthetic Metals</i> , 2002 , 128, 97-101	3.6	11
201	Characterization and optical investigation of BCN film deposited by RF magnetron sputtering. <i>Thin Solid Films</i> , 2001 , 389, 194-199	2.2	56
200	A new blue-emitting benzothiazole derivative for organic electroluminescent devices. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001 , 85, 182-185	3.1	35

199	A New Series of Blue Emitting Pyrazine Derivatives for Organic Electroluminescence Devices. <i>Physica Status Solidi A</i> , 2001 , 185, 203-211		6
198	Temperature Dependence of Si Nanowire Morphology. <i>Advanced Materials</i> , 2001 , 13, 317-320	24	99
197	A General Synthetic Route to III-V Compound Semiconductor Nanowires. <i>Advanced Materials</i> , 2001 , 13, 591-594	24	140
196	Reduction of Self-Quenching Effect in Organic Electrophosphorescence Emitting Devices via the Use of Sterically Hindered Spacers in Phosphorescence Molecules. <i>Advanced Materials</i> , 2001 , 13, 1245	24	176
195	Effects of ambient pressure on silicon nanowire growth. <i>Chemical Physics Letters</i> , 2001 , 334, 229-232	2.5	23
194	Inhibition of dark spots growth in organic electroluminescent devices. <i>Chemical Physics Letters</i> , 2001 , 333, 432-436	2.5	13
193	Characterization of zinc oxide crystal whiskers grown by thermal evaporation. <i>Chemical Physics Letters</i> , 2001 , 344, 97-100	2.5	103
192	Film thickness effects on mechanical and tribological properties of nitrogenated diamond-like carbon films. <i>Surface and Coatings Technology</i> , 2001 , 145, 38-43	4.4	23
191	Ambient effect on the electronic structures of tris-(8-hydroxyquinoline) aluminum films investigated by photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2001 , 333, 212-216	2.5	28
190	Transient electroluminescence measurements on electron-mobility of N-arylbenzimidazoles. <i>Chemical Physics Letters</i> , 2001 , 334, 61-64	2.5	76
189	Morphology and growth mechanism study of self-assembled silicon nanowires synthesized by thermal evaporation. <i>Chemical Physics Letters</i> , 2001 , 337, 18-24	2.5	42
188	Carbon monoxide-assisted growth of carbon nanotubes. <i>Chemical Physics Letters</i> , 2001 , 342, 259-264	2.5	19
187	Microstructures of gallium nitride nanowires synthesized by oxide-assisted method. <i>Chemical Physics Letters</i> , 2001 , 345, 377-380	2.5	92
186	Si nanowires synthesized from silicon monoxide by laser ablation. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001 , 19, 317		19
185	Deposition and properties of tetrahedral amorphous carbon films prepared on magnetic hard disks. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001 , 19, 1606-1610	2.9	18
184	Surface reactivity of Si nanowires. <i>Journal of Applied Physics</i> , 2001 , 89, 6396-6399	2.5	37
183	Synthesis and microstructure of gallium phosphide nanowires. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001 , 19, 1115		68
182	Oxide-assisted growth and optical characterization of gallium-arsenide nanowires. <i>Applied Physics Letters</i> , 2001 , 78, 3304-3306	3.4	74

181	Scanning tunneling microscopic study of boron-doped silicon nanowires. <i>Applied Physics Letters</i> , 2001 , 79, 2468-2470	3.4	66
180	Amorphous carbon nanowires investigated by near-edge-x-ray-absorption-fine-structures. <i>Applied Physics Letters</i> , 2001 , 79, 3773-3775	3.4	55
179	Bulk-quantity Si nanosphere chains prepared from semi-infinite length Si nanowires. <i>Journal of Applied Physics</i> , 2001 , 89, 727-731	2.5	48
178	Vibrational and photoemission study of the interface between phenyl diamine and indium tin oxide. <i>Applied Physics Letters</i> , 2001 , 79, 1561-1563	3.4	21
177	Microstructure and field-emission characteristics of boron-doped Si nanoparticle chains. <i>Applied Physics Letters</i> , 2001 , 79, 1673-1675	3.4	38
176	Effect of ion beam nitriding on diamond nucleation and growth onto steel substrates. <i>Diamond and Related Materials</i> , 2001 , 10, 1506-1510	3.5	13
175	Wear-resistant multilayered diamond-like carbon coating prepared by pulse biased arc ion plating. <i>Diamond and Related Materials</i> , 2001 , 10, 1850-1854	3.5	27
174	Very Low-Field Emission from Aligned and Opened Carbon Nanotube Arrays. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 1519-1522	3.4	51
173	Mechanical and tribological properties of diamond-like carbon films prepared on steel by ECR-CVD process. <i>Diamond and Related Materials</i> , 2001 , 10, 1855-1861	3.5	32
172	Improvement of efficiency and colour purity of red-dopant organic light-emitting diodes by energy levels matching with the host materials. <i>Journal Physics D: Applied Physics</i> , 2001 , 34, 30-35	3	52
171	A New Family of Red Dopants Based on Chromene-Containing Compounds for Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2001 , 13, 1565-1569	9.6	133
170	A Novel Yellow Fluorescent Dopant for High-Performance Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2001 , 13, 456-458	9.6	49
169	Improved color purity and efficiency of blue organic light-emitting diodes via suppression of exciplex formation. <i>Synthetic Metals</i> , 2001 , 118, 193-196	3.6	30
168	Epitaxial growth of β -SiC on Si (100) by low energy ion beam deposition. <i>Diamond and Related Materials</i> , 2001 , 10, 1927-1931	3.5	1
167	Mechanical properties of DLC films prepared in acetylene and methane plasmas using electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , 2001 , 10, 1862-1867	3.5	30
166	Synthesis and characterization of cubic boron nitride films: substrate bias and ion flux effects. <i>Diamond and Related Materials</i> , 2001 , 10, 1886-1891	3.5	6
165	Mechanical properties of a-C:H multilayer films. <i>Diamond and Related Materials</i> , 2001 , 10, 1833-1838	3.5	22
164	Efficient green electroluminescence of pure chromaticity from a polycyclic aromatic hydrocarbon. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2244-2247		8

163	Fracture resistance enhancement of diamond-like carbon/nitrogenated diamond-like carbon multilayer deposited by electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001 , 19, 130-135	2.9	9
162	Free-standing single crystal silicon nanoribbons. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11095-6	16.4	137
161	51.2: Invited Paper: Stability Study of Poly (9,9-Dioctylfluorene) Film Using Photoelectron Spectroscopy. <i>Digest of Technical Papers SID International Symposium</i> , 2000 , 31, 1167-1169	0.5	3
160	The Effects of Hydrogen Etching on Different Carbon and Boron Nitride Phases. <i>Chemical Vapor Deposition</i> , 2000 , 6, 227-230		3
159	Oriented Silicon Carbide Nanowires: Synthesis and Field Emission Properties. <i>Advanced Materials</i> , 2000 , 12, 1186-1190	24	456
158	Synthesis of Large Areas of Highly Oriented, Very Long Silicon Nanowires. <i>Advanced Materials</i> , 2000 , 12, 1343-1345	24	175
157	Effect of deposition rate on the morphology, chemistry and electroluminescence of tris-(8-hydroxyquinoline) aluminum films. <i>Chemical Physics Letters</i> , 2000 , 319, 418-422	2.5	43
156	Photoluminescence and electroluminescence of pyrazoline monomers and dimers. <i>Chemical Physics Letters</i> , 2000 , 320, 77-80	2.5	50
155	YttriumBariumCopperOxygen nanorods synthesized by laser ablation. <i>Chemical Physics Letters</i> , 2000 , 323, 180-184	2.5	18
154	Interface formation between poly(9,9-dioctylfluorene) and Ca electrode investigated using photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2000 , 325, 405-410	2.5	21
153	Effect of charging on electronic structure of the Alq3 molecule: the identification of carrier transport properties. <i>Chemical Physics Letters</i> , 2000 , 326, 413-420	2.5	19
152	Bulk-quantity GaN nanowires synthesized from hot filament chemical vapor deposition. <i>Chemical Physics Letters</i> , 2000 , 327, 263-270	2.5	117
151	Deposition of carbon nanotubes on Si nanowires by chemical vapor deposition. <i>Chemical Physics Letters</i> , 2000 , 330, 48-52	2.5	28
150	Bulk-quantity Si nanowires synthesized by SiO sublimation. <i>Journal of Crystal Growth</i> , 2000 , 212, 115-118.	1.6	78
149	Large-scale synthesis of ultrafine Si nanoparticles by ball milling. <i>Journal of Crystal Growth</i> , 2000 , 220, 466-470	1.6	91
148	Organic electroluminescent devices using europium complex as an electron-transport emitting layer. <i>Thin Solid Films</i> , 2000 , 359, 14-16	2.2	32
147	Carrier transport and high-efficiency electroluminescence properties of copolymer thin films. <i>Thin Solid Films</i> , 2000 , 363, 173-177	2.2	9
146	Enhanced electroluminescence of europium(III) complex by terbium(III) substitution in organic light emitting diodes. <i>Thin Solid Films</i> , 2000 , 363, 208-210	2.2	43

145	Mechanical properties and corrosion studies of amorphous carbon on magnetic disks prepared by ECR plasma technique. <i>Thin Solid Films</i> , 2000 , 368, 198-202	2.2	22
144	Effects at reactive ion etching of CVD diamond. <i>Thin Solid Films</i> , 2000 , 368, 222-226	2.2	17
143	Formation of cubic boron nitride films on nickel substrates. <i>Thin Solid Films</i> , 2000 , 368, 292-296	2.2	10
142	Pyrazoline derivatives for blue color emitter in organic electroluminescent devices. <i>Thin Solid Films</i> , 2000 , 371, 40-46	2.2	41
141	Growth and emission properties of β -SiC nanorods. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000 , 286, 119-124	5.3	49
140	Semiconductor nanowires: synthesis, structure and properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000 , 286, 16-23	5.3	113
139	Physical properties of a-C:H films prepared by electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000 , 77, 229-234	3.1	11
138	Electroluminescent property and charge separation state of bis-naphthalimides. <i>Optical Materials</i> , 2000 , 14, 91-94	3.3	16
137	Deposition and properties of a-C:H films on polymethyl methacrylate by electron cyclotron resonance microwave plasma chemical vapor deposition method. <i>Surface and Coatings Technology</i> , 2000 , 123, 273-277	4.4	23
136	Ab initio/Rice-Ramsperger-Kassel-Marcus approach to carbon nitride formation: CH ₃ NH ₂ decomposition. <i>Chemical Physics Letters</i> , 2000 , 321, 101-105	2.5	8
135	A simple route to annihilate defects in silicon nanowires. <i>Chemical Physics Letters</i> , 2000 , 328, 346-349	2.5	17
134	Computation of large systems with economic basis set: systems involving weak sodium-organic interaction. <i>Chemical Physics Letters</i> , 2000 , 330, 484-490	2.5	14
133	Highly efficient and stable photoluminescence from silicon nanowires coated with SiC. <i>Chemical Physics Letters</i> , 2000 , 332, 215-218	2.5	54
132	Thin β -SiC nanorods and their field emission properties. <i>Chemical Physics Letters</i> , 2000 , 318, 58-62	2.5	105
131	Photoemission study of a new electroluminescent material: trimer of N-arylbenzimidazoles (TPBI). <i>Displays</i> , 2000 , 21, 51-54	3.4	8
130	Synthesis and characterization of boron carbon nitride films by radio frequency magnetron sputtering. <i>Surface and Coatings Technology</i> , 2000 , 128-129, 334-340	4.4	94
129	Laser Ablation Synthesis and Optical Characterization of Silicon Carbide Nanowires. <i>Journal of the American Ceramic Society</i> , 2000 , 83, 3228-3230	3.8	181
128	Influence of external constraint on deformation behaviour of copper single crystals with {112} orientation. <i>Scripta Materialia</i> , 2000 , 43, 253-258	5.6	

127	Germanium nanowires sheathed with an oxide layer. <i>Physical Review B</i> , 2000 , 61, 4518-4521	3.3	162
126	Smallest diameter carbon nanotubes. <i>Applied Physics Letters</i> , 2000 , 77, 2831-2833	3.4	58
125	Improvement of interface formation between metal electrode and polymer film by polymer surface modification using ion sputtering. <i>Applied Physics Letters</i> , 2000 , 77, 3191-3193	3.4	9
124	Direct evidence for interaction of magnesium with tris(8-hydroxy-quinoline) aluminum. <i>Applied Physics Letters</i> , 2000 , 76, 1422-1424	3.4	39
123	Electronic structure and energy band gap of poly (9,9-dioctylfluorene) investigated by photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2000 , 76, 3582-3584	3.4	66
122	Crystal morphology and phase purity of diamond crystallites during bias enhanced nucleation and initial growth stages. <i>Journal of Applied Physics</i> , 2000 , 88, 3354-3360	2.5	21
121	Modification of the hole injection barrier in organic light-emitting devices studied by ultraviolet photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2000 , 76, 2704-2706	3.4	87
120	Oxygen effect on the interface formation between calcium and a polyfluorene film. <i>Physical Review B</i> , 2000 , 62, 10004-10007	3.3	20
119	Diamond nucleation enhancement by direct low-energy ion-beam deposition. <i>Physical Review B</i> , 2000 , 61, 5579-5586	3.3	29
118	Response to Comment on Organic electroluminescent devices by high-temperature processing and crystalline hole transporting layer [Appl. Phys. Lett. 77, 3113 (2000)]. <i>Applied Physics Letters</i> , 2000 , 77, 3115-3115	3.4	1
117	The effect of functional group substitution on the photoluminescence and electroluminescence of pyrazoline derivatives. <i>Synthetic Metals</i> , 2000 , 114, 115-117	3.6	19
116	White light electroluminescence from a hole-transporting layer of mixed organic materials. <i>Synthetic Metals</i> , 2000 , 111-112, 39-42	3.6	17
115	Blue electroluminescent devices made from a naphthyl-substituted benzidine derivative and rare earth metal chelates. <i>Synthetic Metals</i> , 2000 , 111-112, 53-56	3.6	10
114	Improved Time-of-Flight Technique for Measuring Carrier Mobility in Thin Films of Organic Electroluminescent Materials. <i>Japanese Journal of Applied Physics</i> , 2000 , 39, 1190-1192	1.4	59
113	A nucleation site and mechanism leading to epitaxial growth of diamond films. <i>Science</i> , 2000 , 287, 104-6333	3.3	113
112	Straight β -SiC nanorods synthesized by using $\text{C}_2\text{Si}_2\text{O}_7$. <i>Applied Physics Letters</i> , 2000 , 76, 294-296	3.4	59
111	Intrinsic stress evolution in diamond films prepared in a $\text{CH}_4/\text{H}_2/\text{NH}_3$ hot filament chemical vapor deposition system. <i>Diamond and Related Materials</i> , 2000 , 9, 1388-1392	3.5	14
110	Diamond-like carbon coatings applied to hard disks. <i>Diamond and Related Materials</i> , 2000 , 9, 815-818	3.5	18

109	Heteroepitaxial nucleation of diamond on Si(100) via double bias-assisted hot filament chemical vapor deposition. <i>Diamond and Related Materials</i> , 2000 , 9, 134-139	3.5	35
108	A Theoretical Study on the Interactions of Hydrogen Species with Various Carbon and Boron Nitride Phases. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 6761-6766	3.4	11
107	The electronic structures and properties of Alq3 and NPB molecules in organic light emitting devices: Decompositions of density of states. <i>Journal of Chemical Physics</i> , 2000 , 112, 8614-8620	3.9	37
106	A Family of Electroluminescent Silyl-Substituted Poly(p-phenylenevinylene)s: Synthesis, Characterization, and StructureProperty Relationships. <i>Macromolecules</i> , 2000 , 33, 9015-9025	5.5	181
105	Microcrystalline diamond films by direct ion beam deposition. <i>Diamond and Related Materials</i> , 2000 , 9, 872-876	3.5	5
104	Improved performance of electroluminescent devices based on an europium complex. <i>Applied Physics Letters</i> , 2000 , 76, 67-69	3.4	116
103	Oriented Silicon Carbide Nanowires: Synthesis and Field Emission Properties 2000 , 12, 1186		10
102	Nucleation Enhancement of Diamond via Electron Cyclotron Resonance Plasma. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, L65-L67	1.4	6
101	Characterization and optical properties of diamondlike carbon prepared by electron cyclotron resonance plasma. <i>Journal of Materials Research</i> , 1999 , 14, 1055-1061	2.5	8
100	Characterization and Optical Investigation of Diamondlike Carbon Prepared by Electron Cyclotron Resonance Plasma. <i>Journal of Materials Research</i> , 1999 , 14, 1617-1625	2.5	8
99	Synthesis of nanocrystalline diamond by the direct ion beam deposition method. <i>Journal of Materials Research</i> , 1999 , 14, 3204-3207	2.5	16
98	Theory of the charge-transport properties of naphthyl diamine used in organic light-emitting devices. <i>Applied Physics Letters</i> , 1999 , 75, 2418-2420	3.4	11
97	A new nucleation method by electron cyclotron resonance enhanced microwave plasma chemical vapor deposition for deposition of (001)-oriented diamond films. <i>Journal of Chemical Physics</i> , 1999 , 110, 4616-4618	3.9	
96	Bright-blue electroluminescence from a silyl-substituted ter-(phenylenevinylene) derivative. <i>Applied Physics Letters</i> , 1999 , 74, 865-867	3.4	169
95	Synthesis and characterization of amorphous carbon nanowires. <i>Applied Physics Letters</i> , 1999 , 75, 2921-2923	3.4	61
94	Electron drift mobility and electroluminescent efficiency of tris(8-hydroxyquinolinolato) aluminum. <i>Applied Physics Letters</i> , 1999 , 75, 4010-4012	3.4	94
93	Ion-beam-induced surface damages on tris-(8-hydroxyquinoline) aluminum. <i>Applied Physics Letters</i> , 1999 , 75, 1619-1621	3.4	75
92	Organic electroluminescent devices by high-temperature processing and crystalline hole transporting layer. <i>Applied Physics Letters</i> , 1999 , 74, 3269-3271	3.4	49

91	Reduction of molecular aggregation and its application to the high-performance blue perylene-doped organic electroluminescent device. <i>Applied Physics Letters</i> , 1999 , 75, 4055-4057	3.4	68
90	Bias-assisted etching of polycrystalline diamond films in hydrogen, oxygen, and argon microwave plasmas. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999 , 17, 763-767	2.9	10
89	Vibrational structure of ultrathin 8-hydroxyquinoline aluminum films studied by high-resolution electron-energy-loss spectroscopy. <i>Physical Review B</i> , 1999 , 60, 13291-13293	3.3	10
88	The influence of boron-doping on the effectiveness of grain boundary hardening in Ni3Al. <i>Acta Materialia</i> , 1999 , 47, 1823-1830	8.4	22
87	The effect of cold rolling on the dynamic mechanical responses of SiCp/Al composites. <i>Journal of Materials Processing Technology</i> , 1999 , 91, 215-218	5.3	9
86	Microstructure and mechanical behaviour of a SiC particles reinforced AlCu composite under dynamic loading. <i>Journal of Materials Processing Technology</i> , 1999 , 94, 175-178	5.3	19
85	Si nanowires grown from silicon oxide. <i>Chemical Physics Letters</i> , 1999 , 299, 237-242	2.5	246
84	One-dimensional growth mechanism of crystalline silicon nanowires. <i>Journal of Crystal Growth</i> , 1999 , 197, 136-140	1.6	97
83	Si nanowires synthesized by laser ablation of mixed SiC and SiO2 powders. <i>Chemical Physics Letters</i> , 1999 , 314, 16-20	2.5	36
82	Laser Ablation Behavior of a Granulated Si Target. <i>Journal of Materials Science Letters</i> , 1999 , 18, 123-125		1
81	Effect of Matrix Strength on the Fracture Mechanism of SiC Particle Reinforced AlCu Matrix Composites Under Dynamic Loading. <i>Journal of Materials Science Letters</i> , 1999 , 18, 533-535		3
80	Reddish Organic Light Electroluminescent Device with DPP Emitting Layer. <i>Physica Status Solidi A</i> , 1999 , 173, 491-494		3
79	Germanium dioxide whiskers synthesized by laser ablation. <i>Applied Physics Letters</i> , 1999 , 74, 3824-3826	3.4	65
78	Nanocrystalline CBN synthesized by mechanical alloying. <i>Diamond and Related Materials</i> , 1999 , 8, 610-613	3.5	27
77	Diameter modification of silicon nanowires by ambient gas. <i>Applied Physics Letters</i> , 1999 , 75, 1842-1844	3.4	80
76	Sputter deposition of cathodes in organic light emitting diodes. <i>Journal of Applied Physics</i> , 1999 , 86, 4607-4612	3.5	78
75	Field-emission characteristics of SiC nanowires prepared by chemical-vapor deposition. <i>Applied Physics Letters</i> , 1999 , 75, 2918-2920	3.4	186
74	Morphology of Si nanowires synthesized by high-temperature laser ablation. <i>Journal of Applied Physics</i> , 1999 , 85, 7981-7983	2.5	91

73	Amorphous CN _x films prepared by electrochemical deposition. <i>Materials Letters</i> , 1999 , 38, 98-102	3.3	8
72	Blue organic electroluminescence of 1,3,5-triaryl-2-pyrazoline. <i>Synthetic Metals</i> , 1999 , 105, 141-144	3.6	31
71	Dislocation dissociations and fault energies in Ni ₃ Al alloys doped with palladium. <i>Intermetallics</i> , 1999 , 7, 1329-1335	3.5	11
70	Deposition of ultra-thin diamond-like carbon protective coating on magnetic disks by electron cyclotron resonance plasma technique. <i>Journal of Non-Crystalline Solids</i> , 1999 , 254, 167-173	3.9	19
69	Formation of crystalline diamond by ion beam deposition. <i>Journal of Non-Crystalline Solids</i> , 1999 , 254, 174-179	3.9	4
68	Mechanical properties of amorphous carbon nitride films synthesized by electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Journal of Non-Crystalline Solids</i> , 1999 , 254, 180-185	3.9	18
67	Mechanistic study of ion-induced diamond nucleation. <i>Diamond and Related Materials</i> , 1999 , 8, 48-51	3.5	3
66	Nitrogenated amorphous carbon films synthesized by electron cyclotron resonance plasma enhanced chemical vapor deposition. <i>Diamond and Related Materials</i> , 1999 , 8, 1732-1736	3.5	11
65	Effect of nitrogen incorporation into diamond-like carbon films by ECR-CVD. <i>Diamond and Related Materials</i> , 1999 , 8, 472-476	3.5	30
64	The effect of ion bombardment on the nucleation of CVD diamond. <i>Diamond and Related Materials</i> , 1999 , 8, 1414-1417	3.5	6
63	Nucleation of diamond films by ECR-enhanced microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , 1999 , 8, 1410-1413	3.5	5
62	Growth of epitaxial β -SiC films on silicon using solid graphite and silicon sources. <i>Diamond and Related Materials</i> , 1999 , 8, 1737-1740	3.5	8
61	β -SiC nanorods synthesized by hot filament chemical vapor deposition. <i>Applied Physics Letters</i> , 1999 , 74, 3942-3944	3.4	156
60	Semiconductor nanowires from oxides. <i>Journal of Materials Research</i> , 1999 , 14, 4503-4507	2.5	128
59	Composite Nanowires from Ion Beam Modification of Si Nanowires. <i>Materials Research Society Symposia Proceedings</i> , 1999 , 581, 235		
58	Influence of Minority Carrier Mobility on Organic Electroluminescent Device Characteristics. <i>Digest of Technical Papers SID International Symposium</i> , 1999 , 30, 568	0.5	1
57	Performance optimization of organic electroluminescent devices 1999 ,		6
56	Transmission electron microscopy evidence of the defect structure in Si nanowires synthesized by laser ablation. <i>Chemical Physics Letters</i> , 1998 , 283, 368-372	2.5	100

55	Influence of external constraint on deformation banding of copper single crystals of {110} orientations. <i>Scripta Materialia</i> , 1998 , 40, 197-202	5.6	3
54	Failure Mechanisms of a SiC Particles/2024Al Composite under Dynamic Loading. <i>Physica Status Solidi A</i> , 1998 , 169, 49-55		5
53	The Effect of Particle Size on the Failure Mechanism of SiC/2024Al Composites. <i>Physica Status Solidi A</i> , 1998 , 169, R3-R4		1
52	Microstructure and creep behavior of an orthorhombic Ti-25Al-17Nb-1Mo alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1998 , 29, 559-564	2.3	12
51	Synthesis of nano-scale silicon wires by excimer laser ablation at high temperature. <i>Solid State Communications</i> , 1998 , 105, 403-407	1.6	158
50	The effect of rolling geometry on the distribution of deformed cube structure and its recrystallisation kinetics. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1998 , 257, 198-203	5.3	3
49	Deformation characteristics of Ti-4Al-4Nb-0.5Mo alloy during hot compression. <i>Journal of Materials Processing Technology</i> , 1998 , 73, 119-124	5.3	9
48	Main-chain dynamics of cardiotoxin II from Taiwan cobra (<i>Naja naja atra</i>) as studied by carbon-13 NMR at natural abundance: delineation of the role of functionally important residues. <i>Biochemistry</i> , 1998 , 37, 155-64	3.2	21
47	Synthesis of boron nitride nanotubes by means of excimer laser ablation at high temperature. <i>Applied Physics Letters</i> , 1998 , 72, 1966-1968	3.4	194
46	Silicon nanowires prepared by laser ablation at high temperature. <i>Applied Physics Letters</i> , 1998 , 72, 1835-1837	3.4	473
45	Excimer Laser Ablation of Silicon at High Temperature. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 526, 39		
44	Nucleation and growth of Si nanowires from silicon oxide. <i>Physical Review B</i> , 1998 , 58, R16024-R16026	3.3	282
43	Epitaxial growth of SiC on silicon by bias-assisted hot filament chemical vapor deposition from solid graphite and silicon sources. <i>Journal of Materials Research</i> , 1998 , 13, 1738-1740	2.5	8
42	SiO ₂ -enhanced synthesis of Si nanowires by laser ablation. <i>Applied Physics Letters</i> , 1998 , 73, 3902-3904	3.4	181
41	Oriented diamond growth on silicon (111) using a solid carbon source. <i>Journal of Applied Physics</i> , 1998 , 83, 4187-4192	2.5	10
40	Synthesis, composition, surface roughness and mechanical properties of thin nitrogenated carbon films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 1907-1911	2.9	41
39	Large Scale Synthesis of Silicon Nanowires by Laser Ablation. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 526, 73		21
38	Silicon Nanowire: a New Shape of Crystalline Silicon. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 507, 993		2

37	Mechanical Properties and Textures of Particulate-reinforced Aluminum Alloy Matrix Composite Under Hot- and Cold-Rolling Conditions. <i>Textures and Microstructures</i> , 1998 , 31, 43-52		5
36	Diamond films grown by hot filament chemical vapor deposition from a solid carbon source. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997 , 15, 2988-2992	2.9	10
35	The influence of boron doping on the structure and characteristics of diamond thin films. <i>Diamond and Related Materials</i> , 1997 , 6, 521-525	3.5	47
34	Preparation of crystalline carbon nitride films on silicon substrate by chemical vapor deposition. <i>Diamond and Related Materials</i> , 1997 , 6, 635-639	3.5	28
33	Deformation microstructure of Ni ₃ Al intermetallic compound macroalloyed with Pd. <i>Materials Letters</i> , 1997 , 31, 1-4	3.3	2
32	The dependence of tensile behaviour of L12 compound Al ₆ Ti ₂ Mn ₈ on the strain rate at 1173 K. <i>Scripta Materialia</i> , 1997 , 37, 645-650	5.6	1
31	The antiphase boundary energies of L12 ordered Ni _{74.5} Pd ₂ Al _{23.5} alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1997 , 28, 1093-1095	2.3	2
30	Silicon cylinder grown on the surface of a silicon wafer. <i>Journal of Crystal Growth</i> , 1997 , 182, 337-340	1.6	3
29	High temperature compression of Ti ₃ AlNbVMo alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1996 , 215, 143-149	5.3	3
28	TEM Observations of Superlattice Intrinsic Stacking Faults in Polycrystalline Ni _{74.5} Pd ₂ Al _{23.5} . <i>Physica Status Solidi A</i> , 1996 , 158, 369-376		2
27	A simplified criterion for deformation banding applied to deformation texture simulation. <i>Scripta Metallurgica Et Materialia</i> , 1995 , 33, 727-733		10
26	Advances in the theory of deformation and recrystallization texture formation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1994 , 184, 97-112	5.3	27
25	A dislocation avalanche theory of shear banding. <i>Acta Metallurgica Et Materialia</i> , 1994 , 42, 857-860		14
24	Modified theory of rolling texture development in Brass. <i>Materials Science and Technology</i> , 1994 , 10, 155-161	1.5	13
23	Effect of rolling geometry and surface friction on cube texture formation. <i>Materials Science and Technology</i> , 1994 , 10, 149-154	1.5	10
22	Deformation banding and formation of cube volumes in cold rolled fcc metals. <i>Materials Science and Technology</i> , 1994 , 10, 862-868	1.5	6
21	On the origin of cube texture in copper. <i>Acta Metallurgica Et Materialia</i> , 1993 , 41, 1921-1927		96
20	A theory of deformation banding in cold rolling. <i>Acta Metallurgica Et Materialia</i> , 1993 , 41, 2265-2270		90

19	Studies on the sharpness of simulated deformation textures. <i>Scripta Metallurgica Et Materialia</i> , 1993 , 28, 121-126		7
18	The formation of cube-oriented material and its surrounding in cold rolled FCC metals. <i>Scripta Metallurgica Et Materialia</i> , 1993 , 29, 43-48		11
17	Deformation banding and copper-type rolling textures. <i>Acta Metallurgica Et Materialia</i> , 1993 , 41, 2691-2699	108	
16	Deformation banding in copper. <i>Philosophical Magazine Letters</i> , 1993 , 68, 185-190	1	6
15	Deformation banding, original grain size and recrystallisation in FCC intermediate-to-high SFE metals. <i>Scripta Metallurgica Et Materialia</i> , 1992 , 27, 1503-1507		10
14	A simple theory for the development of inhomogeneous rolling textures. <i>Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science</i> , 1991 , 22, 2637-2643		82
13	Macroscopic shear bands in cross-rolled brass. <i>Scripta Metallurgica Et Materialia</i> , 1990 , 24, 757-762		12
12	Moiré interferometry for simultaneous measurement of U, V W. <i>Experimental Mechanics</i> , 1989 , 29, 258-260	6	15
11	Proton Irradiation-induced Disordering Reactions, Ductility and Strengthening of Ni ₃ Al. <i>Materials Research Society Symposia Proceedings</i> , 1988 , 133, 499		3
10	Molecular Engineering Enables TADF Emitters Well Suitable for Non-Doped OLEDs with External Quantum Efficiency of Nearly 30%. <i>Advanced Functional Materials</i> , 2112881	15.6	3
9	Conformal MoS ₂ /Silicon Nanowire Array Heterojunction with Enhanced Light Trapping and Effective Interface Passivation for Ultraweak Infrared Light Detection. <i>Advanced Functional Materials</i> , 2108174	15.6	5
8	Panoramic insights into semi-artificial photosynthesis: origin, development, and future perspective. <i>Energy and Environmental Science</i> ,	35.4	1
7	Solution-Processed Donor-Acceptor Polymer Nanowire Network Semiconductors For High-Performance Field-Effect Transistors		1
6	Organic Semiconducting Luminophores for Near-Infrared Afterglow, Chemiluminescence, and Bioluminescence Imaging. <i>Advanced Functional Materials</i> , 2106154	15.6	11
5	Organic radical materials in biomedical applications: State of the art and perspectives. <i>Exploration</i> , 20210264		5
4	Vapor phase epitaxy of PbS single-crystal films on water-soluble substrates and application to photodetectors. <i>Nano Research</i> , 1	10	0
3	Iridium(III) Phosphorus-Bearing Functional 9-Phenyl-7,9-dihydro-8H-purin-8-ylidene Chelates and Blue Hyperphosphorescent OLED Devices. <i>Advanced Photonics Research</i> , 2100381	1.9	3
2	Decreasing the Overpotential of Aprotic Li-CO ₂ Batteries with the In-Plane Alloy Structure in Ultrathin 2D Ru-Based Nanosheets. <i>Advanced Functional Materials</i> , 2202737	15.6	8

- 1 Non-Fullerene Acceptor Doped Block Copolymer for Efficient and Stable Organic Solar Cells. *ACS Energy Letters*, 2196-2202 20.1 5