

Jianhuan Zhang

List of Publications by Year in Descending Order

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

339
papers

5,835
citations

38
h-index

62
g-index

422
ext. papers

7,299
ext. citations

5
avg, IF

6.2
L-index

#	Paper	IF	Citations
339	A high-performance humidity sensor based on alkalized MXenes and poly(dopamine) for touchless sensing and respiration monitoring. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 2281-2289	7.1	1
338	Ultrasensitive room-temperature acetone gas sensors employing green-solvent-processed aligned InNdO nanofiber field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 860-869	7.1	2
337	Oxygen-Vacancy-Induced Synaptic Plasticity in an Electrospun InGdO Nanofiber Transistor for a Gas Sensory System with a Learning Function.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	2
336	Differences between La substitution and doping strategies in dielectric properties of CaCu ₃ Ti ₄ O ₁₂ ceramics with low loss. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 7011	2.1	1
335	Research Progress of Polyvinyl Alcohol Water-Resistant Film Materials.. <i>Membranes</i> , 2022 , 12,	3.8	1
334	High Performance of Patterned Solution-Processed WZnSnO Thin Film Transistor Using Fiber-Coupler Semiconductor Laser Annealing. <i>IEEE Transactions on Electron Devices</i> , 2022 , 69, 1858-1863	3.9	1
333	Highly Stable Graphene-Based Flexible Hybrid Transparent Conductive Electrodes for Organic Solar Cells. <i>Advanced Materials Interfaces</i> , 2022 , 9, 2101442	4.6	1
332	Coplanar-Gate Synaptic Transistor Array With Organic Electrolyte Using Lithographic Process. <i>IEEE Transactions on Electron Devices</i> , 2022 , 69, 2325-2330	2.9	0
331	Superhydrophobic and Superhydrophilic Polyurethane Sponge for Wound Healing. <i>Chemical Engineering Journal</i> , 2022 , 136985	14.7	6
330	Fabrication and Mechanical Properties Improvement of Micro Bumps for High-Resolution Micro-LED Display Application. <i>IEEE Transactions on Electron Devices</i> , 2022 , 1-5	2.9	0
329	Organic Nanoplatfoms for Iodinated Contrast Media in CT Imaging. <i>Molecules</i> , 2021 , 26,	4.8	2
328	Slippery Liquid-Infused Microphase Separation Surface Enables Highly Robust Anti-fouling, Anti-corrosion, Anti-icing and Anti-scaling Coating on Diverse Substrates. <i>Chemical Engineering Journal</i> , 2021 , 133945	14.7	1
327	pH-Sensitive Polycations for siRNA Delivery: Effect of Asymmetric Structures of Tertiary Amine Groups. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100025	5.5	3
326	The heat flow coupling effect of laser-assisted magnetorheological polishing. <i>International Journal of Advanced Manufacturing Technology</i> , 2021 , 114, 591-603	3.2	2
325	A stable biosensor for organophosphorus pesticide detection based on chitosan modified graphene. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	4
324	3D Bioprinting of Human Tissues: Biofabrication, Bioinks, and Bioreactors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
323	Effects of blue light-exposed retinal pigment epithelial cells on the process of ametropia. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 549, 14-20	3.4	0

322	Scalable Solution-Processed Fabrication Approach for High-Performance Silver Nanowire/MXene Hybrid Transparent Conductive Films. <i>Nanomaterials</i> , 2021 , 11,	5.4	10
321	Spectrum-dependent photonic synapses based on 2D imine polymers for power-efficient neuromorphic computing. <i>Information Materials</i> , 2021 , 3, 904-916	23.1	12
320	The outstanding effect and mechanism of non-inert casting atmospheres on glass forming ability of P-containing Fe-based soft magnetic bulk metallic glasses. <i>Journal of Alloys and Compounds</i> , 2021 , 866, 158991	5.7	5
319	Stable and Printable Direct X-Ray Detectors Based on Micropyramid Bi ₂ O ₃ With Low Detection Limit. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 3411-3416	2.9	1
318	Optimization of sulfonated polyethyleneimine zwitterionic coating mediated by polydopamine for poly(vinyl chloride) antifouling. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49636	2.9	4
317	Combating drug-resistant bacterial infection using biodegradable nanoparticles assembled from comb-like polycarbonates grafted with amphiphilic polyquaterrium. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 357-365	7.3	5
316	Textile coatings configured by double-nanoparticles to optimally couple superhydrophobic and antibacterial properties. <i>Chemical Engineering Journal</i> , 2021 , 420, 127680	14.7	26
315	A Facile Strategy for Synergistic Integration of Dynamic Covalent Bonds and Hydrogen Bonds to Surmount the Tradeoff between Mechanical Property and Self-Healing Capacity of Hydrogels. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2000577	3.9	7
314	Co-delivery of anionic epitope/CpG vaccine and IDO inhibitor by self-assembled cationic liposomes for combination melanoma immunotherapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 3892-3899	7.3	5
313	Silver-catalyzed decarboxylative radical allylation of difluoroarylacetic acids for the construction of CF-allyl bonds. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2023-2029	3.9	3
312	Highly Sensitive Piezoresistive Sensors Based on a Voltage Divider Circuit With TFTs for Ultra-Low Pressure Detection. <i>IEEE Journal of the Electron Devices Society</i> , 2021 , 9, 623-627	2.3	
311	Strategies and applications of covalent organic frameworks as promising nanoplatfoms in cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 3450-3483	7.3	13
310	A Facile Strategy to Achieve Synergistic Multiple Hydrogen Bonding Interactions for Constructing Robust Hydrogels with Self-healing Capability, Shape Transformation and Actuation Function. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2000429	2.6	2
309	N-dodecylated chitosan/graphene oxide composite cryogel for hemostasis and antibacterial treatment. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50572	2.9	4
308	A Study on Solution-Processed Y ₂ O ₃ Films Modified by Atomic Layer Deposition Al ₂ O ₃ as Dielectrics in ZnO Thin Film Transistor. <i>Coatings</i> , 2021 , 11, 969	2.9	2
307	Multifunctional polymer bearing malonylurea groups for the fabrication of coordination complexes and supramolecular assemblies. <i>European Polymer Journal</i> , 2021 , 156, 110616	5.2	2
306	Low-Temperature Fabrication of IZO Thin Film for Flexible Transistors. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
305	Epsilon-poly-L-lysine: Recent Advances in Biomanufacturing and Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 748976	5.8	4

304	Comb-Like Amphiphilic Polycarbonates with Different Lengths of Cationic Branches for Enhanced siRNA Delivery. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000143	5.5	2
303	Co-assembled and self-delivered epitope/CpG nanocomplex vaccine augments peptide immunogenicity for cancer immunotherapy. <i>Chemical Engineering Journal</i> , 2020 , 399, 125854	14.7	15
302	Transparent Nanostructured BiVO Double Films with Blue Light Shielding Capabilities to Prevent Damage to ARPE-19 Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20797-20805	9.5	7
301	An Active Multielectrode Array for Collecting Surface Electromyogram Signals Using a-IGZO TFT Technology on Polyimide Substrate. <i>IEEE Transactions on Electron Devices</i> , 2020 , 1-6	2.9	4
300	Critical phase separation concentration of acrylamide and 2-acrylamido-2-methylpropanesulfonate copolymers in ammonium sulfate aqueous solution and its influence factors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 590, 124485	5.1	1
299	Amelioration of interfacial combination and suppression of oxygen vacancies for high performance environmentally friendly electrospun SnYO nanofiber field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 5222-5230	7.1	9
298	pH and Redox Dual-Sensitive Covalent Organic Framework Nanocarriers to Resolve the Dilemma Between Extracellular Drug Loading and Intracellular Drug Release. <i>Frontiers in Chemistry</i> , 2020 , 8, 488	5	10
297	Multi-transformable nanocarrier with tumor extracellular acidity-activated charge reversal, size reduction and ligand reemergence for in vitro efficient doxorubicin loading and delivery. <i>Materials Science and Engineering C</i> , 2020 , 116, 111250	8.3	3
296	Curvature-dependent melting models and melting thermodynamics of nanotubes in theory and experiment. <i>Chemical Engineering Science</i> , 2020 , 216, 115558	4.4	
295	Microstructures and Properties of Graphite Nanoflake/6061Al Matrix Composites Fabricated via Spark Plasma Sintering. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 1235-1244	1.6	5
294	Li-Ion Doping as a Strategy to Modulate the Electrical-Double-Layer for Improved Memory and Learning Behavior of Synapse Transistor Based on Fully Aqueous-Solution-Processed In2O3/ALiO Film. <i>Advanced Electronic Materials</i> , 2020 , 6, 1901363	6.4	14
293	High-Performance and Flexible Neodymium-Doped Indium-Zinc-Oxide Thin-Film Transistor With All Copper Alloy Electrodes. <i>IEEE Electron Device Letters</i> , 2020 , 41, 417-420	4.4	4
292	A New Ammonia Bath Method for Realizing Nitrogen Doping in ZnSnO Transistors. <i>IEEE Electron Device Letters</i> , 2020 , 41, 389-392	4.4	2
291	Acetylcholinesterase electrochemical biosensors with graphene-transition metal carbides nanocomposites modified for detection of organophosphate pesticides. <i>PLoS ONE</i> , 2020 , 15, e0231981	3.7	15
290	F magnetic resonance imaging enabled real-time, non-invasive and precise localization and quantification of the degradation rate of hydrogel scaffolds in vivo. <i>Biomaterials Science</i> , 2020 , 8, 3301-3309	7.4	9
289	An injectable thermosensitive hydrogel self-supported by nanoparticles of PEGylated amino-modified PCL for enhanced local tumor chemotherapy. <i>Soft Matter</i> , 2020 , 16, 5750-5758	3.6	6
288	Facile Fabrication of Redox-Responsive Covalent Organic Framework Nanocarriers for Efficiently Loading and Delivering Doxorubicin. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e1900570	4.8	35
287	"Off/on" fluorescence imaging-guided cancer diagnosis and multi-modal therapy. <i>Biomaterials Science</i> , 2020 , 8, 1442-1454	7.4	0

286	A time-dependent reliability analysis method for bearing lubrication. <i>Structural and Multidisciplinary Optimization</i> , 2020 , 61, 2125-2134	3.6	1
285	Artificial Synapse Emulated through Fully Aqueous Solution-Processed Low-Voltage InO Thin-Film Transistor with GdO Solid Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 980-988	9.5	19
284	Recent Progress in Photonic Synapses for Neuromorphic Systems. <i>Advanced Intelligent Systems</i> , 2020 , 2, 1900136	6	59
283	Efficient Multi-View Multi-Target Tracking Using a Distributed Camera Network. <i>IEEE Sensors Journal</i> , 2020 , 20, 2056-2063	4	9
282	Full-color fluorescent carbon quantum dots. <i>Science Advances</i> , 2020 , 6,	14.3	133
281	Optimization of mechanical stiffness and cell density of 3D bioprinted cell-laden scaffolds improves extracellular matrix mineralization and cellular organization for bone tissue engineering. <i>Acta Biomaterialia</i> , 2020 , 114, 307-322	10.8	28
280	Pollen-Shaped Hierarchical Structure for Pressure Sensors with High Sensitivity in an Ultrabroad Linear Response Range. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 55362-55371	9.5	16
279	Screening and Matching Amphiphilic Cationic Polymers for Efficient Antibiosis. <i>Biomacromolecules</i> , 2020 , 21, 5269-5281	6.9	15
278	Perovskite/Organic Semiconductor-Based Photonic Synaptic Transistor for Artificial Visual System. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 39487-39495	9.5	65
277	Electrospun Yb-Doped InO Nanofiber Field-Effect Transistors for Highly Sensitive Ethanol Sensors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 38425-38434	9.5	24
276	Light-Stimulated Artificial Synapse with Memory and Learning Functions by Utilizing an Aqueous Solution-Processed In ₂ O ₃ /AlLiO Thin-Film Transistor. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 2772-2779	9	9
275	Protection against light-induced retinal degeneration via dual anti-inflammatory and anti-angiogenic functions of thrombospondin-1. <i>British Journal of Pharmacology</i> , 2020 ,	8.6	3
274	Effect of Two-Step Annealing on High Stability of a-IGZO Thin-Film Transistor. <i>IEEE Transactions on Electron Devices</i> , 2020 , 67, 4262-4268	2.9	18
273	Determination of Head-Addition Incidence of Methyl Acrylate and Temperature Dependence in Radical Polymerization by Coupling Reversible Addition-Fragmentation Chain Transfer Block Polymerization Derivatization and Gradient Polymer Elution Chromatography. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000148	2.6	
272	Temperature Gradient ZnO Deposited via ALD for High-Performance Transistor Applications. <i>IEEE Journal of the Electron Devices Society</i> , 2020 , 8, 885-889	2.3	2
271	Enhanced dielectric properties of CCTO ceramics doped by different halogen elements. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 8481-8488	2.1	9
270	Dual-crosslinked nanocomposite hydrogels based on quaternized chitosan and clindamycin-loaded hyperbranched nanoparticles for potential antibacterial applications. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 153-162	7.9	11
269	Acetylcholinesterase electrochemical biosensors with graphene-transition metal carbides nanocomposites modified for detection of organophosphate pesticides 2020 , 15, e0231981		

268	Acetylcholinesterase electrochemical biosensors with graphene-transition metal carbides nanocomposites modified for detection of organophosphate pesticides 2020 , 15, e0231981		
267	Acetylcholinesterase electrochemical biosensors with graphene-transition metal carbides nanocomposites modified for detection of organophosphate pesticides 2020 , 15, e0231981		
266	Acetylcholinesterase electrochemical biosensors with graphene-transition metal carbides nanocomposites modified for detection of organophosphate pesticides 2020 , 15, e0231981		
265	Ultra-pH-Sensitive Biopolymer Micelles Based on Nuclear Base Pairs for Specific Tumor-Targeted Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1900309	2.6	3
264	High-Tactile Sensitivity of Piezoresistive Sensors With a Micro-Crack Structure Induced by Thin Film Tension. <i>IEEE Electron Device Letters</i> , 2019 , 40, 1519-1521	4.4	13
263	Layer-by-layer zwitterionic modification of diverse substrates with durable anti-corrosion and anti-fouling properties. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6024-6034	7.3	15
262	Functionally Graded W-Cu Materials Prepared from Cu-Coated W Powders by Microwave Sintering. <i>Journal of Materials Engineering and Performance</i> , 2019 , 28, 6135-6144	1.6	6
261	CONTINUOUS MOTION AND TIME-VARYING STIFFNESS ESTIMATION OF THE HUMAN ELBOW JOINT BASED ON SEMG. <i>Journal of Mechanics in Medicine and Biology</i> , 2019 , 19, 1950040	0.7	4
260	Structural exploration of hydrophobic core in polycationic micelles for improving siRNA delivery efficiency and cell viability. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 965-973	7.3	7
259	An injectable and tumor-specific responsive hydrogel with tissue-adhesive and nanomedicine-releasing abilities for precise locoregional chemotherapy. <i>Acta Biomaterialia</i> , 2019 , 96, 123-136	10.8	22
258	Injectable, Biodegradable, Thermosensitive Nanoparticles-Aggregated Hydrogel with Tumor-Specific Targeting, Penetration, and Release for Efficient Postsurgical Prevention of Tumor Recurrence. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19700-19711	9.5	33
257	Lead-Free Nanocrystals: Bright Blue Light-Emitting Doped Cesium Bromide Nanocrystals: Alternatives of Lead-Free Perovskite Nanocrystals for White LEDs (Advanced Optical Materials 10/2019). <i>Advanced Optical Materials</i> , 2019 , 7, 1970037	8.1	3
256	N-alkylated chitosan/graphene oxide porous sponge for rapid and effective hemostasis in emergency situations. <i>Carbohydrate Polymers</i> , 2019 , 219, 405-413	10.3	43
255	Smart Obstacle Avoidance Using a Danger Index for a Dynamic Environment. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1589	2.6	9
254	Effect of ion form of the ion-exchange resin on ϵ -poly-L-lysine purification from microbial fermentation broth.. <i>RSC Advances</i> , 2019 , 9, 12174-12181	3.7	4
253	Dependence of device behaviours on oxygen vacancies in ZnSnO thin-film transistors. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	6
252	Host-guest supramolecular hydrogel based on nanoparticles: co-delivery of DOX and siBcl-2 for synergistic cancer therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019 , 30, 877-893	3.5	3
251	Silicon-Doped Diamond-Like Composite Film to Improve the Thermal Dissipated Performance of Light-Emitting Diode. <i>IEEE Access</i> , 2019 , 7, 60104-60110	3.5	2

250	Determination of head addition incidence of (meth)acrylate and styrene in radical polymerization by RAFT block polymerization derivation and gradient polymer elution chromatography. <i>Polymer Chemistry</i> , 2019 , 10, 2073-2082	4.9	4
249	An injectable nanocomposite hydrogel co-constructed with gold nanorods and paclitaxel-loaded nanoparticles for local chemo-photothermal synergetic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2667-2677	7.3	27
248	Bright Blue Light-Emitting Doped Cesium Bromide Nanocrystals: Alternatives of Lead-Free Perovskite Nanocrystals for White LEDs. <i>Advanced Optical Materials</i> , 2019 , 7, 1900108	8.1	21
247	Estimation of continuous elbow joint movement based on human physiological structure. <i>BioMedical Engineering OnLine</i> , 2019 , 18, 31	4.1	5
246	Morphology control and property design of boronate dynamic nanostructures. <i>Polymer Chemistry</i> , 2019 , 10, 2436-2446	4.9	4
245	Enhanced Stability in Zr-Doped ZnO TFTs With Minor Influence on Mobility by Atomic Layer Deposition. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 1760-1765	2.9	23
244	Alginate dependent changes of physical properties in 3D bioprinted cell-laden porous scaffolds affect cell viability and cell morphology. <i>Biomedical Materials (Bristol)</i> , 2019 , 14, 065009	3.5	27
243	High Brightness Organic Light-Emitting Diodes with Capillary-Welded Hybrid Diameter Silver Nanowire/Graphene Layers as Electrodes. <i>Micromachines</i> , 2019 , 10,	3.3	7
242	Rational Design of Nanoparticles to Overcome Poor Tumor Penetration and Hypoxia-Induced Chemotherapy Resistance: Combination of Optimizing Size and Self-Inducing High Level of Reactive Oxygen Species. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 31743-31754	9.5	19
241	Automatic Analysis of Calibration Board Image Orientation for Online Hand-Eye Calibration. <i>Lecture Notes in Computer Science</i> , 2019 , 577-589	0.9	
240	An acetylcholinesterase biosensor with high stability and sensitivity based on silver nanowire-graphene-TiO for the detection of organophosphate pesticides.. <i>RSC Advances</i> , 2019 , 9, 25248-25256	3.7	16
239	Highly Sensitive Flexible Piezoresistive Pressure Sensor Developed Using Biomimetically Textured Porous Materials. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29466-29473	9.5	83
238	Ultrathin-Film Transistors Based on Ultrathin Amorphous InZnO Films. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 2960-2964	2.9	6
237	Highly-efficient solution-processed green phosphorescent organic light-emitting diodes with reduced efficiency roll-off using ternary blend hosts. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11109-11117	7.1	11
236	A thermally activated delayed fluorescence exciplex to achieve highly efficient and stable blue and green phosphorescent organic light-emitting diodes.. <i>RSC Advances</i> , 2019 , 9, 23810-23817	3.7	6
235	Fabrication, Microstructure and Properties of the Mid-Fraction SiC Particles/6061Al Composites Using an Optimized Powder Metallurgy Technique. <i>Russian Journal of Non-Ferrous Metals</i> , 2019 , 60, 312-318	6.8	2
234	High-Performance 1-V ZnO Thin-Film Transistors With Ultrathin, ALD-Processed ZrO2 Gate Dielectric. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 3382-3386	2.9	30
233	Size-dependent melting thermodynamic properties of selenium nanowires in theory and experiment. <i>CrystEngComm</i> , 2019 , 21, 430-438	3.3	6

232	A flexible pressure sensor based on an MXene/flexible network structure. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 1022-1027	7.1	109
231	Favorable Propagation with Practical Angle Distributions for mmWave Massive MIMO Systems 2019 ,		2
230	Image Deblurring Based on Fuzzy Kernel Estimation in HSV Color Space. <i>Lecture Notes in Computer Science</i> , 2019 , 590-603	0.9	
229	Preparation and Performance of Sintered Fe-2Cu-2Mo-0.8C Materials Containing Different Forms of Molybdenum Powder. <i>Materials</i> , 2019 , 12,	3.5	1
228	Effect of wake interaction on the response of two tandem oscillating hydrofoils. <i>Energy Science and Engineering</i> , 2019 , 7, 431-442	3.4	7
227	P-5.2: Aqueous Sr-doped In ₂ O ₃ TFT stability under negative bias illumination stress. <i>Digest of Technical Papers SID International Symposium</i> , 2019 , 50, 728-731	0.5	
226	Pseudo-Biological Highly Performance Transparent Electrodes Based on Capillary Force-Welded Hybrid AgNW Network. <i>IEEE Access</i> , 2019 , 7, 177944-177953	3.5	6
225	Self-assembly and self-delivery nanodrug of bortezomib: a simple approach to achieve the trade-off between functionality and druggability. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7490-7493	7.3	5
224	Solution-Processed Yttrium-Doped IZTO Semiconductors for High-Stability Thin Film Transistor Applications. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 5170-5176	2.9	12
223	Oleanolic acid inhibits cell proliferation migration and invasion and induces SW579 thyroid cancer cell line apoptosis by targeting forkhead transcription factor A. <i>Anti-Cancer Drugs</i> , 2019 , 30, 812-820	2.4	8
222	Novel dual-functional coating with underwater self-healing and anti-protein-fouling properties by combining two kinds of microcapsules and a zwitterionic copolymer. <i>Progress in Organic Coatings</i> , 2019 , 127, 211-221	4.8	25
221	Modulating the rigidity of nanoparticles for tumor penetration. <i>Chemical Communications</i> , 2018 , 54, 3014-3017	3.0	18
220	Influence of supramolecular layer-crosslinked structure on stability of dual pH-Responsive polymer nanoparticles for doxorubicin delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 45, 81-92	4.5	6
219	Improving the cycling stability of lithium-sulfur batteries by hollow dual-shell coating.. <i>RSC Advances</i> , 2018 , 8, 9161-9167	3.7	3
218	Stabilizing Lithium-Sulfur Batteries through Control of Sulfur Aggregation and Polysulfide Dissolution. <i>Small</i> , 2018 , 14, e1703816	11	25
217	Controlled synthesis of t-Se nanomaterials with various morphologies via a precursor conversion method. <i>CrystEngComm</i> , 2018 , 20, 1220-1231	3.3	9
216	Concentration-directed morphological evolution of boronate ester-based dynamic covalent nanoparticles: a facile approach for size and shape control. <i>Polymer Chemistry</i> , 2018 , 9, 815-819	4.9	4
215	Glutathione-induced amino-activatable micellar photosensitization platform for synergistic redox modulation and photodynamic therapy. <i>Biomaterials Science</i> , 2018 , 6, 1238-1249	7.4	17

214	Corrections to Highly Sensitive Flexible Pressure Sensor by the Integration of Microstructured PDMS Film With a-IGZO TFTs[Jul 18 1073-1076]. <i>IEEE Electron Device Letters</i> , 2018 , 39, 1262-1262	4.4	1
213	Nitrogen-Doped ZnO Film Fabricated Via Rapid Low-Temperature Atomic Layer Deposition for High-Performance ZnON Transistors. <i>IEEE Transactions on Electron Devices</i> , 2018 , 65, 3283-3290	2.9	15
212	Isoquinolines from <i>Corydalis tomentella</i> from Tibet, China, possess hepatoprotective activities. <i>Phytochemistry</i> , 2018 , 155, 93-99	4	10
211	A Modular Coassembly Approach to All-In-One Multifunctional Nanoplatfrom for Synergistic Codelivery of Doxorubicin and Curcumin. <i>Nanomaterials</i> , 2018 , 8,	5.4	20
210	Liposomes-Camouflaged Redox-Responsive Nanogels to Resolve the Dilemma between Extracellular Stability and Intracellular Drug Release. <i>Macromolecular Bioscience</i> , 2018 , 18, e1800049	5.5	11
209	pH-Responsive Nanoparticles for Controllable Curcumin Delivery: The Design of Polycation Core with Different Structures. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800062	2.6	2
208	Microstructures and properties of high-fraction Si ₃ N ₄ /Al composites fabricated by pressureless sintering. <i>Materials Science and Technology</i> , 2018 , 34, 305-314	1.5	1
207	Relative Dynamic Modeling of Dual-Arm Coordination Robot 2018 ,		2
206	Low-temperature combustion synthesis and UV treatment processed p-type Li:NiOx active semiconductors for high-performance electronics. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12584-12591	7.1	28
205	Improved gate bias stressing stability of IGZO thin film transistors using high-k compounded ZrO ₂ /HfO ₂ nanolaminate as gate dielectric. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 676, 65-71	0.5	4
204	Low cost ZnO/CdO thin films effectively reduce blue light-induced damage to RPE cells by display and lighting devices. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 676, 72-82	0.5	2
203	Application of laser-assisted glass frit bonding encapsulation in all inorganic quantum dot light emitting devices. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 676, 59-64	0.5	1
202	Zigzag Hollow Cracks of Silver Nanoparticle Film Regulated by Its Drying Micro-environment. <i>Nanoscale Research Letters</i> , 2018 , 13, 354	5	1
201	A Novel Method for Estimating Continuous Motion and Time-Varying Stiffness of Human Elbow Joint 2018 ,		1
200	Ultra-thin-film transistors based on ultra-thin amorphous ZnSnO films. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	3
199	The illuminance and temperature distribution degradation of high power GaN LED caused by detachment of multilayer electrode. <i>Optical and Quantum Electronics</i> , 2018 , 50, 1	2.4	
198	Enhanced Flexible Piezoelectric Sensor by the Integration of P(VDF-TrFE)/AgNWs Film With a-IGZO TFT. <i>IEEE Electron Device Letters</i> , 2018 , 1-1	4.4	6
197	P-13.2: AMOLED Encapsulation Technology and Prospect. <i>Digest of Technical Papers SID International Symposium</i> , 2018 , 49, 734-736	0.5	

196	Comparison of the Solution and Vacuum-Processed Squaraine:Fullerene Small-Molecule Bulk Heterojunction Solar Cells. <i>Frontiers in Chemistry</i> , 2018 , 6, 412	5	8
195	The study of relationships between pKa value and siRNA delivery efficiency based on tri-block copolymers. <i>Biomaterials</i> , 2018 , 176, 84-93	15.6	32
194	Initiation Mechanisms of Styrene with Methyl Ethyl Ketone Peroxide-Cobalt System. <i>Macromolecular Research</i> , 2018 , 26, 680-689	1.9	0
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181	Supramolecular hydrogel based on high-solid-content mPLECT nanoparticles and cyclodextrins for local and sustained drug delivery. <i>Biomaterials Science</i> , 2017 , 5, 698-706	7.4	17
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158	Low-Temperature Sintering of AlN Ceramics by Sm ₂ O ₃ -Y ₂ O ₃ -CaO Sintering Additives Formed via Decomposition of Nitrate Solutions. <i>Journal of Materials Engineering and Performance</i> , 2017 , 26, 453-459 ^{1.6}		6
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154	Composites of electrospun-fibers and hydrogels: A potential solution to current challenges in biological and biomedical field. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 640-56	3.5	60
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151	An analysis on damage of light-emitting diodes reliability induced by electronic static discharge 2016 ,		2
150	Channel Modeling and Estimation for OFDM Systems in High-Speed Trains Scenarios 2016 ,		4
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138	Channel Characteristics Analysis of Angle and Clustering in Indoor Office Environment at 28 GHz 2016 ,		7
137	Non-Asymptotic Outage Probability of Large-Scale MU-MIMO Systems with Linear Receivers 2016 ,		4
136	Effect of the viscosity of organic carrier on the quality of laser-assisted glass frit bonding 2016 ,		1
135	Effect of acetic acid in recycling water on ethanol production for cassava in an integrated ethanol-methane fermentation process. <i>Water Science and Technology</i> , 2016 , 74, 2392-2398	2.2	2
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