

# Yang Chai

## 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.

260  
papers

12,018  
citations

62  
h-index

101  
g-index

292  
ext. papers

15,508  
ext. citations

10.1  
avg, IF

6.94  
L-index

#	Paper	IF	Citations
260	Nitrogen-induced interfacial electronic structure of NiS <sub>2</sub> /CoS <sub>2</sub> with optimized water and hydrogen binding abilities for efficient alkaline hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , <b>2022</b> , 10, 719-725	13	6
259	Reconfigurable two-WSe <sub>2</sub> -transistor synaptic cell for reinforcement learning.. <i>Advanced Materials</i> , <b>2022</b> , e2107754	24	7
258	Large-Area Transient Conductive Films Obtained through Photonic Sintering of 2D Materials (Adv. Mater. Technol. 2/2022). <i>Advanced Materials Technologies</i> , <b>2022</b> , 7, 2270008	6.8	
257	KDM6B interacts with TFDP1 to activate P53 signalling in regulating mouse palatogenesis.. <i>ELife</i> , <b>2022</b> , 11,	8.9	2
256	Neuromorphic sensory computing. <i>Science China Information Sciences</i> , <b>2022</b> , 65, 1	3.4	11
255	Scalable production of ultrafine polyaniline fibres for tactile organic electrochemical transistors.. <i>Nature Communications</i> , <b>2022</b> , 13, 2101	17.4	7
254	Spin state engineering of spinel oxides by integration of Cr doping and a p-n junction for water oxidation.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1
253	Standards for the Characterization of Endurance in Resistive Switching Devices. <i>ACS Nano</i> , <b>2021</b> ,	16.7	36
252	Strain engineering of quasi-1D layered TiS <sub>3</sub> nanosheets toward giant anisotropic Raman and piezoresistance responses. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 201903	3.4	1
251	Defect-Assisted Anchoring of Pt Single Atoms on MoS <sub>2</sub> Nanosheets Produces High-Performance Catalyst for Industrial Hydrogen Evolution Reaction. <i>Small</i> , <b>2021</b> , e2104824	11	5
250	An artificial neural network chip based on two-dimensional semiconductor. <i>Science Bulletin</i> , <b>2021</b> ,	10.6	5
249	Transferred metal gate to 2D semiconductors for sub-1 V operation and near ideal subthreshold slope. <i>Science Advances</i> , <b>2021</b> , 7, eabf8744	14.3	3
248	Design and applications of graphene-based flexible and wearable physical sensing devices. <i>2D Materials</i> , <b>2021</b> , 8, 022001	5.9	8
247	Ror2-mediated non-canonical Wnt signaling regulates Cdc42 and cell proliferation during tooth root development. <i>Development (Cambridge)</i> , <b>2021</b> , 148,	6.6	3
246	Mesenchymal stem cells and three-dimensional-osteoconductive scaffold regenerate calvarial bone in critical size defects in swine. <i>Stem Cells Translational Medicine</i> , <b>2021</b> , 10, 1170-1183	6.9	5
245	Spatially Confined Formation of Single Atoms in Highly Porous Carbon Nitride Nanoreactors. <i>ACS Nano</i> , <b>2021</b> , 15, 7790-7798	16.7	9
244	Giant Ferroelectric Resistance Switching Controlled by a Modulatory Terminal for Low-Power Neuromorphic In-Memory Computing. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008709	24	20

243	Arid1a-Plagl1-Hh signaling is indispensable for differentiation-associated cell cycle arrest of tooth root progenitors. <i>Cell Reports</i> , <b>2021</b> , 35, 108964	10.6	2
242	Thermal interface material with graphene enhanced sintered copper for high temperature power electronics. <i>Nanotechnology</i> , <b>2021</b> , 32,	3.4	1
241	Ferroelectric Switching: Giant Ferroelectric Resistance Switching Controlled by a Modulatory Terminal for Low-Power Neuromorphic In-Memory Computing (Adv. Mater. 21/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170167	24	1
240	Metal Substitution Steering Electron Correlations in Pyrochlore Ruthenates for Efficient Acidic Water Oxidation. <i>ACS Nano</i> , <b>2021</b> , 15, 8537-8548	16.7	11
239	Field-effect at electrical contacts to two-dimensional materials. <i>Nano Research</i> , <b>2021</b> , 1-7	10	4
238	Reversing neural circuit and behavior deficit in mice exposed to maternal inflammation by Zika virus. <i>EMBO Reports</i> , <b>2021</b> , 22, e51978	6.5	1
237	Limpet Tooth-Inspired Painless Microneedles Fabricated by Magnetic Field-Assisted 3D Printing. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2003725	15.6	21
236	Low-Power Computing with Neuromorphic Engineering. <i>Advanced Intelligent Systems</i> , <b>2021</b> , 3, 2000150	6	11
235	Piezocatalytic Foam for Highly Efficient Degradation of Aqueous Organics. <i>Small Science</i> , <b>2021</b> , 1, 2000011		9
234	Crypto primitive of MOCVD MoS <sub>2</sub> transistors for highly secured physical unclonable functions. <i>Nano Research</i> , <b>2021</b> , 14, 1784-1788	10	7
233	Painless Microneedles: Limpet Tooth-Inspired Painless Microneedles Fabricated by Magnetic Field-Assisted 3D Printing (Adv. Funct. Mater. 5/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170033	15.6	1
232	Neuromorphic vision sensors: Principle, progress and perspectives. <i>Journal of Semiconductors</i> , <b>2021</b> , 42, 013105	2.3	17
231	Lattice oxygen redox chemistry in solid-state electrocatalysts for water oxidation. <i>Energy and Environmental Science</i> , <b>2021</b> , 14, 4647-4671	35.4	31
230	Runx2-Twist1 interaction coordinates cranial neural crest guidance of soft palate myogenesis. <i>ELife</i> , <b>2021</b> , 10,	8.9	7
229	Large ferroelectric-polarization-modulated photovoltaic effects in bismuth layered multiferroic/semiconductor heterostructure devices. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 3287-3294	7.1	5
228	Cranial Suture Regeneration Mitigates Skull and Neurocognitive Defects in Craniosynostosis. <i>Cell</i> , <b>2021</b> , 184, 243-256.e18	56.2	22
227	Recent Advances in GaN-Based Power HEMT Devices. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2001045	6.4	27
226	Permeable superelastic liquid-metal fibre mat enables biocompatible and monolithic stretchable electronics. <i>Nature Materials</i> , <b>2021</b> , 20, 859-868	27	142

225	Lhx6 regulates canonical Wnt signaling to control the fate of mesenchymal progenitor cells during mouse molar root patterning. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009320	6	2
224	Field-Effect Chiral Anomaly Devices with Dirac Semimetal. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104198	19.8	2
223	Light-Emitting Memristors for Optoelectronic Artificial Efferent Nerve. <i>Nano Letters</i> , <b>2021</b> , 21, 6087-6094	11.5	13
222	Optoelectronic Coincidence Detection with Two-Dimensional Bi <sub>2</sub> O <sub>2</sub> Se Ferroelectric Field-Effect Transistors. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103982	15.6	4
221	Mechanical Anisotropy in Two-Dimensional Selenium Atomic Layers. <i>Nano Letters</i> , <b>2021</b> , 21, 8043-8050	11.5	3
220	Van der Waals heterostructures with one-dimensional atomic crystals. <i>Progress in Materials Science</i> , <b>2021</b> , 122, 100856	42.2	12
219	Reciprocal interaction between mesenchymal stem cells and transit amplifying cells regulates tissue homeostasis. <i>ELife</i> , <b>2021</b> , 10,	8.9	1
218	Van der Waals Epitaxial Growth of Mosaic-Like 2D Platinum Ditelluride Layers for Room-Temperature Mid-Infrared Photodetection up to 10.6 $\mu$ m. <i>Advanced Materials</i> , <b>2020</b> , 32, e2004412	24	86
217	Runx2 Regulates Mouse Tooth Root Development Via Activation of WNT Inhibitor NOTUM. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 2252-2264	6.3	17
216	Breaking symmetry in device design for self-driven 2D material based photodetectors. <i>Nanoscale</i> , <b>2020</b> , 12, 8109-8118	7.7	13
215	Gli1+ Periodontium Stem Cells Are Regulated by Osteocytes and Occlusal Force. <i>Developmental Cell</i> , <b>2020</b> , 54, 639-654.e6	10.2	29
214	PRMT1-p53 Pathway Controls Epicardial EMT and Invasion. <i>Cell Reports</i> , <b>2020</b> , 31, 107739	10.6	12
213	Localized Electrons Enhanced Ion Transport for Ultrafast Electrochemical Energy Storage. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905578	24	23
212	Cerebral organoid and mouse models reveal a RAB39b-PI3K-mTOR pathway-dependent dysregulation of cortical development leading to macrocephaly/autism phenotypes. <i>Genes and Development</i> , <b>2020</b> , 34, 580-597	12.6	37
211	A dual mode electronic synapse based on layered SnSe films fabricated by pulsed laser deposition. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 1152-1160	5.1	6
210	Optoelectronic Perovskite Synapses for Neuromorphic Computing. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908901	15.6	72
209	Raman Spectroscopy of Dispersive Two-Dimensional Materials: A Systematic Study on MoS <sub>2</sub> Solution. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 11092-11099	3.8	3
208	Enhanced Electrocatalytic Hydrogen Evolution Activity in Single-Atom Pt-Decorated VS Nanosheets. <i>ACS Nano</i> , <b>2020</b> , 14, 5600-5608	16.7	59

207	Quasi one-dimensional van der Waals gold selenide with strong interchain interaction and giant magnetoresistance. <i>Science Bulletin</i> , <b>2020</b> , 65, 1451-1459	10.6	2
206	Nonvolatile manipulation of electronic and ferromagnetic properties of NiO/Ni epitaxial film by ferroelectric polarization charge. <i>Applied Physics Letters</i> , <b>2020</b> , 117, 232901	3.4	1
205	Magnetotransport and magnetic properties of the layered noncollinear antiferromagnetic CrSe single crystals. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 475801	1.8	4
204	Two ultra-stable novel allotropes of tellurium few-layers. <i>Chinese Physics B</i> , <b>2020</b> , 29, 097103	1.2	2
203	Antimicrobial Bioresorbable Mg-Zn-Ca Alloy for Bone Repair in a Comparison Study with Mg-Zn-Sr Alloy and Pure Mg. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 517-538	5.5	15
202	High-Performance Logic and Memory Devices Based on a Dual-Gated MoS <sub>2</sub> Architecture. <i>ACS Applied Electronic Materials</i> , <b>2020</b> , 2, 111-119	4	14
201	3D printing of hydroxyapatite/tricalcium phosphate scaffold with hierarchical porous structure for bone regeneration. <i>Bio-Design and Manufacturing</i> , <b>2020</b> , 3, 15-29	4.7	44
200	FaceBase 3: analytical tools and FAIR resources for craniofacial and dental research. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	8
199	Two-Dimensional Antiferroelectricity in Nanostripe-Ordered In <sub>2</sub> Se <sub>3</sub> . <i>Physical Review Letters</i> , <b>2020</b> , 125, 047601	7.4	21
198	A Ternary Dumbbell Structure with Spatially Separated Catalytic Sites for Photocatalytic Overall Water Splitting. <i>Advanced Science</i> , <b>2020</b> , 7, 1903568	13.6	42
197	Near-sensor and in-sensor computing. <i>Nature Electronics</i> , <b>2020</b> , 3, 664-671	28.4	117
196	Anisotropic Signal Processing with Trigonal Selenium Nanosheet Synaptic Transistors. <i>ACS Nano</i> , <b>2020</b> , 14, 10018-10026	16.7	22
195	Lattice oxygen activation enabled by high-valence metal sites for enhanced water oxidation. <i>Nature Communications</i> , <b>2020</b> , 11, 4066	17.4	105
194	Emerging Group-VI Elemental 2D Materials: Preparations, Properties, and Device Applications. <i>Small</i> , <b>2020</b> , 16, e2003319	11	19
193	Runx2+ Niche Cells Maintain Incisor Mesenchymal Tissue Homeostasis through IGF Signaling. <i>Cell Reports</i> , <b>2020</b> , 32, 108007	10.6	17
192	Rational design of AlO <sub>2</sub> /2D perovskite heterostructure dielectric for high performance MoS <sub>2</sub> phototransistors. <i>Nature Communications</i> , <b>2020</b> , 11, 4266	17.4	21
191	Nano High-Entropy Materials: Synthesis Strategies and Catalytic Applications. <i>Small Structures</i> , <b>2020</b> , 1, 2000033	8.7	37
190	Low-Power Complementary Inverter with Negative Capacitance 2D Semiconductor Transistors. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003859	15.6	31

189	Surface-Modified Ultrathin InSe Nanosheets with Enhanced Stability and Photoluminescence for High-Performance Optoelectronics. <i>ACS Nano</i> , <b>2020</b> , 14, 11373-11382	16.7	18
188	Spatiotemporal cellular movement and fate decisions during first pharyngeal arch morphogenesis. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	5
187	Smart Textile-Integrated Microelectronic Systems for Wearable Applications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1901958	24	218
186	Computational Design of Transition Metal Single-Atom Electrocatalysts on PtS for Efficient Nitrogen Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20448-20455	9.5	27
185	Mid-Infrared Photodetectors: Van der Waals Epitaxial Growth of Mosaic-Like 2D Platinum Ditelluride Layers for Room-Temperature Mid-Infrared Photodetection up to 10.6 $\mu\text{m}$ (Adv. Mater. 52/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070394	24	4
184	Valence Engineering Dual-Cation and Boron Doping in Pyrite Selenide for Highly Efficient Oxygen Evolution. <i>ACS Nano</i> , <b>2019</b> , 13, 11469-11476	16.7	37
183	CeO <sub>2</sub> -Induced Interfacial Co <sup>2+</sup> Octahedral Sites and Oxygen Vacancies for Water Oxidation. <i>ACS Catalysis</i> , <b>2019</b> , 9, 6484-6490	13.1	151
182	Ultralow-voltage all-carbon low-dimensional-material flexible transistors integrated by room-temperature photolithography incorporated filtration. <i>Nanoscale</i> , <b>2019</b> , 11, 15029-15036	7.7	12
181	Interstitial copper-doped edge contact for n-type carrier transport in black phosphorus. <i>Information Materials</i> , <b>2019</b> , 1, 242	23.1	13
180	Deciphering mechanical properties of 2D materials from the size distribution of exfoliated fragments. <i>Extreme Mechanics Letters</i> , <b>2019</b> , 29, 100473	3.9	8
179	Phase Identification and Strong Second Harmonic Generation in Pure $\mu\text{-InSe}$ and Its Alloys. <i>Nano Letters</i> , <b>2019</b> , 19, 2634-2640	11.5	50
178	Remarkably Enhanced Hydrogen Generation of Organolead Halide Perovskites via Piezocatalysis and Photocatalysis. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901801	21.8	83
177	Nonvolatile Control of the Electronic Properties of InCrO Semiconductor Films by Ferroelectric Polarization Charge. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 32449-32459	9.5	5
176	Optoelectronic resistive random access memory for neuromorphic vision sensors. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 776-782	28.7	370
175	Phosphorus Incorporation into Co S Nanocages for Highly Efficient Oxygen Evolution Catalysis. <i>Small</i> , <b>2019</b> , 15, e1904507	11	51
174	Dynamic activation of Wnt, Fgf, and Hh signaling during soft palate development. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223879	3.7	6
173	Stretchable elastic synaptic transistors for neurologically integrated soft engineering systems. <i>Science Advances</i> , <b>2019</b> , 5, eaax4961	14.3	107
172	Robust Photoelectrochemical Oxygen Evolution with N, Fe-CoS Nanorod Arrays. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 44214-44222	9.5	11

171	2D Materials Based Optoelectronic Memory: Convergence of Electronic Memory and Optical Sensor. <i>Research</i> , <b>2019</b> , 2019, 9490413	7.8	53
170	Antagonistic interaction between Ezh2 and Arid1a coordinates root patterning and development via Cdkn2a in mouse molars. <i>ELife</i> , <b>2019</b> , 8,	8.9	8
169	The TFAP2A-IRF6-GRHL3 genetic pathway is conserved in neurulation. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 1726-1737	5.6	17
168	Regulatory mechanisms of jaw bone and tooth development. <i>Current Topics in Developmental Biology</i> , <b>2019</b> , 133, 91-118	5.3	18
167	Monolithic Integration of All-in-One Supercapacitor for 3D Electronics. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1900037	21.8	43
166	Highly Area-Efficient Low-Power SRAM Cell with 2 Transistors and 2 Resistors <b>2019</b> ,		2
165	Photodetectors: Controlled Synthesis of 2D Palladium Diselenide for Sensitive Photodetector Applications (Adv. Funct. Mater. 1/2019). <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1970005	15.6	9
164	Accelerated oxygen evolution kinetics on nickel-iron diselenide nanotubes by modulating electronic structure. <i>Materials Today Energy</i> , <b>2019</b> , 11, 89-96	7	30
163	Controlled Synthesis of 2D Palladium Diselenide for Sensitive Photodetector Applications. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806878	15.6	187
162	Hierarchical supercapacitor electrodes based on metallized glass fiber for ultrahigh areal capacitance. <i>Energy Storage Materials</i> , <b>2019</b> , 20, 315-323	19.4	10
161	Fabrication of Nickel-Cobalt Bimetal Phosphide Nanocages for Enhanced Oxygen Evolution Catalysis. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706008	15.6	261
160	Scaling the CBRAM Switching Layer Diameter to 30 nm Improves Cycling Endurance. <i>IEEE Electron Device Letters</i> , <b>2018</b> , 39, 23-26	4.4	20
159	Fast, Self-Driven, Air-Stable, and Broadband Photodetector Based on Vertically Aligned PtSe <sub>2</sub> /GaAs Heterojunction. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705970	15.6	207
158	Low-Voltage, Optoelectronic CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> /Clx Memory with Integrated Sensing and Logic Operations. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1800080	15.6	124
157	In situ atomic-scale observation of monolayer graphene growth from SiC. <i>Nano Research</i> , <b>2018</b> , 11, 2809-2820	11.8	15
156	Few-layer Tellurium: one-dimensional-like layered elementary semiconductor with striking physical properties. <i>Science Bulletin</i> , <b>2018</b> , 63, 159-168	10.6	138
155	Prmt1 regulates craniofacial bone formation upstream of Msx1. <i>Mechanisms of Development</i> , <b>2018</b> , 152, 13-20	1.7	6
154	Modulation of the Reduction Potential of TiO by Fluorination for Efficient and Selective CH Generation from CO Photoreduction. <i>Nano Letters</i> , <b>2018</b> , 18, 3384-3390	11.5	130

153	High photoelectrochemical activity and stability of Au-WS <sub>2</sub> /silicon heterojunction photocathode. <i>Solar Energy Materials and Solar Cells</i> , <b>2018</b> , 174, 300-306	6.4	13
152	Improved air-stability of an organic/inorganic perovskite with anhydrously transferred graphene. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 8663-8669	7.1	9
151	Photodetectors: Fast, Self-Driven, Air-Stable, and Broadband Photodetector Based on Vertically Aligned PtSe <sub>2</sub> /GaAs Heterojunction (Adv. Funct. Mater. 16/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870106	15.6	2
150	Regulation of Mesenchymal Stem to Transit-Amplifying Cell Transition in the Continuously Growing Mouse Incisor. <i>Cell Reports</i> , <b>2018</b> , 23, 3102-3111	10.6	13
149	Edge orientations of mechanically exfoliated anisotropic two-dimensional materials. <i>Journal of the Mechanics and Physics of Solids</i> , <b>2018</b> , 112, 157-168	5	15
148	Focus on 2D materials beyond graphene. <i>Nanotechnology</i> , <b>2018</b> , 29, 010202	3.4	4
147	Atomic Vacancies Control of Pd-Based Catalysts for Enhanced Electrochemical Performance. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704171	24	74
146	Toward High-mobility and Low-power 2D MoS <sub>2</sub> Field-effect Transistors <b>2018</b> ,		6
145	Steep Slope p-type 2D WSe <sub>2</sub> Field-Effect Transistors with Van Der Waals Contact and Negative Capacitance <b>2018</b> ,		8
144	Active site engineering of Fe- and Ni-sites for highly efficient electrochemical overall water splitting. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 21445-21451	13	48
143	Charge-governed phase manipulation of few-layer tellurium. <i>Nanoscale</i> , <b>2018</b> , 10, 22263-22269	7.7	20
142	Discovering the forbidden Raman modes at the edges of layered materials. <i>Science Advances</i> , <b>2018</b> , 4, eaau6252	14.3	26
141	Self-Driven Metal/Semiconductor/Metal WSe <sub>2</sub> Photodetector with Asymmetric Contact Geometries. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802954	15.6	73
140	BMP-IHH-mediated interplay between mesenchymal stem cells and osteoclasts supports calvarial bone homeostasis and repair. <i>Bone Research</i> , <b>2018</b> , 6, 30	13.3	26
139	Enhanced output power of a freestanding ball-based triboelectric generator through the electrophorus effect. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 18518-18524	13	2
138	Constitutive activation of hedgehog signaling adversely affects epithelial cell fate during palatal fusion. <i>Developmental Biology</i> , <b>2018</b> , 441, 191-203	3.1	6
137	Intraflagellar transport 88 (IFT88) is crucial for craniofacial development in mice and is a candidate gene for human cleft lip and palate. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 860-872	5.6	29
136	Cellular and molecular mechanisms of tooth root development. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 374-384	6.6	102



135	Textured CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> thin film with enhanced stability for high performance perovskite solar cells. <i>Nano Energy</i> , <b>2017</b> , 33, 485-496	17.1	65
134	Graphene-Draped Semiconductors for Enhanced Photocorrosion Resistance and Photocatalytic Properties. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4144-4151	16.4	116
133	Review on mechanism of directly fabricating wafer-scale graphene on dielectric substrates by chemical vapor deposition. <i>Nanotechnology</i> , <b>2017</b> , 28, 284001	3.4	16
132	Few-Layered PtS <sub>2</sub> Phototransistor on h-BN with High Gain. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 17019161	10.1	133
131	Phase and Facet Control of Molybdenum Carbide Nanosheet Observed by In Situ TEM. <i>Small</i> , <b>2017</b> , 13, 1700051	11	25
130	Modulation doping of transition metal dichalcogenide/oxide heterostructures. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 376-381	7.1	36
129	Topical Fibronectin Improves Wound Healing of Irradiated Skin. <i>Scientific Reports</i> , <b>2017</b> , 7, 3876	4.9	24
128	BMP signaling orchestrates a transcriptional network to control the fate of mesenchymal stem cells in mice. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 2560-2569	6.6	35
127	Investigation of chemical vapour deposition MoS field effect transistors on SiO and ZrO substrates. <i>Nanotechnology</i> , <b>2017</b> , 28, 164004	3.4	14
126	Real-Time Observation of the Electrode-Size-Dependent Evolution Dynamics of the Conducting Filaments in a SiO Layer. <i>ACS Nano</i> , <b>2017</b> , 11, 4097-4104	16.7	55
125	Doping, Contact and Interface Engineering of Two-Dimensional Layered Transition Metal Dichalcogenides Transistors. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1603484	15.6	134
124	Synthesis and interface characterization of CNTs on graphene. <i>Nanotechnology</i> , <b>2017</b> , 28, 054007	3.4	6
123	Ferroelectric-Gated Two-Dimensional-Material-Based Electron Devices. <i>Advanced Electronic Materials</i> , <b>2017</b> , 3, 1600400	6.4	41
122	Doping of two-dimensional MoS <sub>2</sub> by high energy ion implantation. <i>Semiconductor Science and Technology</i> , <b>2017</b> , 32, 124002	1.8	14
121	The Dlx5-FGF10 signaling cascade controls cranial neural crest and myoblast interaction during oropharyngeal patterning and development. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 4037-4045	6.6	21
120	In-situ Observation of Cu Filaments Evolution in SiO <sub>2</sub> layer. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 1622e1623	6.1	23
119	Ultrahigh mobility and efficient charge injection in monolayer organic thin-film transistors on boron nitride. <i>Science Advances</i> , <b>2017</b> , 3, e1701186	14.3	115
118	Improved interfacial H <sub>2</sub> O supply by surface hydroxyl groups for enhanced alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24091-24097	13	28

117	Enhanced Photocatalytic Activity of WS Film by Laser Drilling to Produce Porous WS/WO Heterostructure. <i>Scientific Reports</i> , <b>2017</b> , 7, 3125	4.9	25
116	High-Electron-Mobility and Air-Stable 2D Layered PtSe FETs. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604230	24	368
115	Constructing Interfacial Energy Transfer for Photon Up- and Down-Conversion from Lanthanides in a Core-Shell Nanostructure. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12356-60	16.4	93
114	Distinctive in-Plane Cleavage Behaviors of Two-Dimensional Layered Materials. <i>ACS Nano</i> , <b>2016</b> , 10, 8980-87	16.7	60
113	Generation and characterization of tamoxifen-inducible Pax9-CreER knock-in mice using CrispR/Cas9. <i>Genesis</i> , <b>2016</b> , 54, 490-6	1.9	9
112	Nonstoichiometric acid-base reaction as reliable synthetic route to highly stable CHNHPbI perovskite film. <i>Nature Communications</i> , <b>2016</b> , 7, 13503	17.4	87
111	High-responsivity UV-Vis Photodetector Based on Transferable WS <sub>2</sub> Film Deposited by Magnetron Sputtering. <i>Scientific Reports</i> , <b>2016</b> , 6, 20343	4.9	156
110	High thermally conductive and electrically insulating 2D boron nitride nanosheet for efficient heat dissipation of high-power transistors. <i>2D Materials</i> , <b>2016</b> , 3, 041009	5.9	22
109	Contact resistance and reliability of 40 nm carbon nanotube vias <b>2016</b> ,		1
108	Direct TEM observations of growth mechanisms of two-dimensional MoS <sub>2</sub> flakes. <i>Nature Communications</i> , <b>2016</b> , 7, 12206	17.4	147
107	Sutures Possess Strong Regenerative Capacity for Calvarial Bone Injury. <i>Stem Cells and Development</i> , <b>2016</b> , 25, 1801-1807	4.4	14
106	The WS <sub>2</sub> quantum dot: preparation, characterization and its optical limiting effect in polymethylmethacrylate. <i>Nanotechnology</i> , <b>2016</b> , 27, 414005	3.4	28
105	Extraordinarily Strong Interlayer Interaction in 2D Layered PtS <sub>2</sub> . <i>Advanced Materials</i> , <b>2016</b> , 28, 2399-407	24	322
104	Carrier Type Control of WSe <sub>2</sub> Field-Effect Transistors by Thickness Modulation and MoO <sub>3</sub> Layer Doping. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 4223-4230	15.6	133
103	The FaceBase Consortium: a comprehensive resource for craniofacial researchers. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 2677-88	6.6	35
102	A long-term corrosion barrier with an insulating boron nitride monolayer. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 5044-5050	13	110
101	. <i>IEEE Nanotechnology Magazine</i> , <b>2016</b> , 15, 310-317	2.6	11
100	Epidemiology, Etiology, and Treatment of Isolated Cleft Palate. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 67	4.6	91

99	2D Layered Materials of Rare-Earth Er-Doped MoS <sub>2</sub> with NIR-to-NIR Down- and Up-Conversion Photoluminescence. <i>Advanced Materials</i> , <b>2016</b> , 28, 7472-7	24	130
98	Effect of improved contact on reliability of sub-60 nm carbon nanotube vias. <i>Nanotechnology</i> , <b>2016</b> , 27, 375202	3.4	4
97	Adsorption of CO molecules on doped graphene: A first-principles study. <i>AIP Advances</i> , <b>2016</b> , 6, 025317	1.5	44
96	Perovskite Photovoltachromic Supercapacitor with All-Transparent Electrodes. <i>ACS Nano</i> , <b>2016</b> , 10, 5900-8	10.7	115
95	An ultra-long and low junction-resistance Ag transparent electrode by electrospun nanofibers. <i>RSC Advances</i> , <b>2016</b> , 6, 91641-91648	3.7	22
94	Near-Infrared Photoresponse of One-Sided Abrupt MAPbI <sub>3</sub> /TiO <sub>2</sub> Heterojunction through a Tunneling Process. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8545-8554	15.6	21
93	Sox2 and Lef-1 interact with Pitx2 to regulate incisor development and stem cell renewal. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 4115-4126	6.6	41
92	Innenrücktitelbild: Constructing Interfacial Energy Transfer for Photon Up- and Down-Conversion from Lanthanides in a CoreShell Nanostructure (Angew. Chem. 40/2016). <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12731-12731	3.6	
91	Constructing Interfacial Energy Transfer for Photon Up- and Down-Conversion from Lanthanides in a CoreShell Nanostructure. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12544-12548	3.6	11
90	Integration of comprehensive 3D microCT and signaling analysis reveals differential regulatory mechanisms of craniofacial bone development. <i>Developmental Biology</i> , <b>2015</b> , 400, 180-90	3.1	27
89	Kinetically controlled synthesis of large-scale morphology-tailored silver nanostructures at low temperature. <i>Nanoscale</i> , <b>2015</b> , 7, 13420-6	7.7	6
88	A rectification-free piezo-supercapacitor with a polyvinylidene fluoride separator and functionalized carbon cloth electrodes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 14963-14970	13	88
87	BMP-SHH signaling network controls epithelial stem cell fate via regulation of its niche in the developing tooth. <i>Developmental Cell</i> , <b>2015</b> , 33, 125-35	10.2	91
86	Low voltage and high ON/OFF ratio field-effect transistors based on CVD MoS <sub>2</sub> and ultra high-k gate dielectric PZT. <i>Nanoscale</i> , <b>2015</b> , 7, 8695-700	7.7	104
85	The suture provides a niche for mesenchymal stem cells of craniofacial bones. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 386-96	23.4	203
84	High-power passively mode-locked Nd:YVO(4) laser using SWCNT saturable absorber fabricated by dip coating method. <i>Optics Express</i> , <b>2015</b> , 23, 4880-6	3.3	10
83	Tuning nonlinear optical absorption properties of WS <sub>2</sub> nanosheets. <i>Nanoscale</i> , <b>2015</b> , 7, 17771-7	7.7	46
82	Disruption of the ERK/MAPK pathway in neural crest cells as a potential cause of Pierre Robin sequence. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 3734-45	6.6	30

81	An Nfic-hedgehog signaling cascade regulates tooth root development. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 3374-82	6.6	45
80	A van der Waals pn heterojunction with organic/inorganic semiconductors. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 183103	3.4	62
79	A Comprehensive Study of Soft Palate Development in Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145018	3.7	15
78	Mandible and Tongue Development. <i>Current Topics in Developmental Biology</i> , <b>2015</b> , 115, 31-58	5.3	70
77	Infrared light gated MoS <sub>2</sub> field effect transistor. <i>Optics Express</i> , <b>2015</b> , 23, 31908-14	3.3	15
76	Controllable Growth of Large-Size Crystalline MoS <sub>2</sub> and Resist-Free Transfer Assisted with a Cu Thin Film. <i>Scientific Reports</i> , <b>2015</b> , 5, 18596	4.9	130
75	Tuneable complementary metamaterial structures based on graphene for single and multiple transparency windows. <i>Scientific Reports</i> , <b>2014</b> , 4, 6128	4.9	113
74	Effects of surface roughness of Ag thin films on surface-enhanced Raman spectroscopy of graphene: spatial nonlocality and physisorption strain. <i>Nanoscale</i> , <b>2014</b> , 6, 1311-7	7.7	90
73	Stretchable all-solid-state supercapacitor with wavy shaped polyaniline/graphene electrode. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 9142-9149	13	264
72	Lensed Water-Core Teflon-Amorphous Fluoroplastics Optical Fiber. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 1538-1542	4	5
71	Secretion of shh by a neurovascular bundle niche supports mesenchymal stem cell homeostasis in the adult mouse incisor. <i>Cell Stem Cell</i> , <b>2014</b> , 14, 160-73	18	264
70	Enhanced SERS Stability of R6G Molecules with Monolayer Graphene. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 11827-11832	3.8	59
69	Two-dimensional material membranes: an emerging platform for controllable mass transport applications. <i>Small</i> , <b>2014</b> , 10, 4521-42	11	98
68	Preparation and characterization of few-layer MoS <sub>2</sub> nanosheets and their good nonlinear optical responses in the PMMA matrix. <i>Nanoscale</i> , <b>2014</b> , 6, 9713-9	7.7	76
67	ALK5-mediated transforming growth factor $\beta$ signaling in neural crest cells controls craniofacial muscle development via tissue-tissue interactions. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 3120-31	4.8	20
66	TGF $\beta$ regulates epithelial-mesenchymal interactions through WNT signaling activity to control muscle development in the soft palate. <i>Development (Cambridge)</i> , <b>2014</b> , 141, 909-17	6.6	29
65	Controllable parabolic lensed liquid-core optical fiber by using electrostatic force. <i>Optics Express</i> , <b>2014</b> , 22, 20948-53	3.3	1
64	Mass transport mechanism of cu species at the metal/dielectric interfaces with a graphene barrier. <i>ACS Nano</i> , <b>2014</b> , 8, 12601-11	16.7	43

63	Improved multiphoton ultraviolet upconversion photoluminescence in ultrasmall core-shell nanocrystals. <i>Optics Letters</i> , <b>2014</b> , 39, 6265-8	3	11
62	Highly impermeable and transparent graphene as an ultra-thin protection barrier for Ag thin films. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 4956	7.1	68
61	Cranial Neural Crest Cells in Craniofacial Tissues and Organs <b>2013</b> , 31-49		1
60	Noncanonical transforming growth factor $\beta$ (TGF $\beta$ ) signaling in cranial neural crest cells causes tongue muscle developmental defects. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 29760-70	5.4	31
59	Identification of candidate downstream targets of TGF $\beta$ signaling during palate development by genome-wide transcript profiling. <i>Journal of Cellular Biochemistry</i> , <b>2013</b> , 114, 796-807	4.7	16
58	. <i>IEEE Transactions on Electron Devices</i> , <b>2012</b> , 59, 12-19	2.9	94
57	A TGF $\beta$ Smad4-Fgf6 signaling cascade controls myogenic differentiation and myoblast fusion during tongue development. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 1640-50	6.6	43
56	Modulation of noncanonical TGF $\beta$ signaling prevents cleft palate in Tgfbr2 mutant mice. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 873-85	15.9	96
55	Carbon nanotube electronics - Materials, devices, circuits, design, modeling, and performance projection <b>2011</b> ,		17
54	SMAD4-mediated WNT signaling controls the fate of cranial neural crest cells during tooth morphogenesis. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 1977-89	6.6	82
53	<b>2011</b> ,		17
52	The FaceBase Consortium: a comprehensive program to facilitate craniofacial research. <i>Developmental Biology</i> , <b>2011</b> , 355, 175-82	3.1	59
51	Inductance Properties of In Situ-Grown Horizontally Aligned Carbon Nanotubes. <i>IEEE Transactions on Electron Devices</i> , <b>2011</b> , 58, 229-235	2.9	7
50	Nanoscale Bipolar and Complementary Resistive Switching Memory Based on Amorphous Carbon. <i>IEEE Transactions on Electron Devices</i> , <b>2011</b> , 58, 3933-3939	2.9	72
49	Horizontally aligned carbon nanotube bundles for interconnect application: diameter-dependent contact resistance and mean free path. <i>Nanotechnology</i> , <b>2010</b> , 21, 235705	3.4	27
48	Graphitic interfacial layer to carbon nanotube for low electrical contact resistance <b>2010</b> ,		5
47	Integration of horizontal carbon nanotube devices on silicon substrate using liquid evaporation <b>2010</b> ,		5
46	Transforming growth factor-beta regulates basal transcriptional regulatory machinery to control cell proliferation and differentiation in cranial neural crest-derived osteoprogenitor cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 4975-82	5.4	56

45	TGF-beta mediated FGF10 signaling in cranial neural crest cells controls development of myogenic progenitor cells through tissue-tissue interactions during tongue morphogenesis. <i>Developmental Biology</i> , <b>2010</b> , 341, 186-95	3.1	56
44	Inductance properties of silicon-in-grown horizontal carbon nanotubes <b>2010</b> ,		2
43	Resistive switching of carbon-based RRAM with CNT electrodes for ultra-dense memory <b>2010</b> ,		3
42	Smad4-Shh-Nfic signaling cascade-mediated epithelial-mesenchymal interaction is crucial in regulating tooth root development. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 1167-78	6.3	96
41	Sacrificial removal of caps of aligned carbon nanotubes for interconnect application <b>2009</b> ,		1
40	Fabrication and characterization of horizontally aligned carbon nanotubes for interconnect application <b>2009</b> ,		3
39	Indirect modulation of Shh signaling by Dlx5 affects the oral-nasal patterning of palate and rescues cleft palate in Msx1-null mice. <i>Development (Cambridge)</i> , <b>2009</b> , 136, 4225-33	6.6	56
38	Stem cell property of postmigratory cranial neural crest cells and their utility in alveolar bone regeneration and tooth development. <i>Stem Cells</i> , <b>2009</b> , 27, 866-77	5.8	83
37	Fate of HERS during tooth root development. <i>Developmental Biology</i> , <b>2009</b> , 334, 22-30	3.1	124
36	Electron-shading effect on the horizontal aligned growth of carbon nanotubes. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 043116	3.4	21
35	Novel Local Silicon-Gate Carbon Nanotube Transistors Combining Silicon-on-Insulator Technology for Integration. <i>IEEE Nanotechnology Magazine</i> , <b>2009</b> , 8, 260-268	2.6	5
34	Low-Resistance Carbon Nanotube Contact Plug to Silicon. <i>IEEE Electron Device Letters</i> , <b>2009</b> , 30, 811-813	4.4	10
33	Electromigration Studies of Cu/Carbon Nanotube Composite Interconnects Using Blech Structure. <i>IEEE Electron Device Letters</i> , <b>2008</b> , 29, 1001-1003	4.4	44
32	Copper/carbon nanotube composite interconnect for enhanced electromigration resistance <b>2008</b> ,		5
31	Carbon nanotube thermal interface material for high-brightness light-emitting-diode cooling. <i>Nanotechnology</i> , <b>2008</b> , 19, 215706	3.4	108
30	High electromigration-resistant copper/carbon nanotube composite for interconnect application <b>2008</b> ,		10
29	Tissue-specific requirement for TGF-β signaling during craniofacial development. <i>FASEB Journal</i> , <b>2008</b> , 22, 87.1	0.9	
28	Cell autonomous requirement for TGF-beta signaling during odontoblast differentiation and dentin matrix formation. <i>Mechanisms of Development</i> , <b>2007</b> , 124, 409-15	1.7	75

27	Flexible transfer of aligned carbon nanotube films for integration at lower temperature. <i>Nanotechnology</i> , <b>2007</b> , 18, 355709	3-4	25
26	Gate voltage dependent characteristics of p-n diodes and bipolar transistors based on multiwall CN(x)/carbon nanotube intramolecular junctions. <i>Nanotechnology</i> , <b>2007</b> , 18, 395205	3-4	5
25	Carbon Nanotube/Copper Composites for Via Filling and Thermal Management <b>2007</b> ,		27
24	Low Temperature Transfer of Aligned Carbon Nanotube Films Using Liftoff Technique <b>2007</b> ,		8
23	Recent advances in craniofacial morphogenesis. <i>Developmental Dynamics</i> , <b>2006</b> , 235, 2353-75	2.9	436
22	Local silicon-gate carbon nanotube field effect transistors using silicon-on-insulator technology. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 023116	3-4	13
21	A simple way to CNx/carbon nanotube intramolecular junctions and branches. <i>Carbon</i> , <b>2006</b> , 44, 687-691	10.4	29
20	Nanodiode based on a multiwall CN(x)/carbon nanotube intramolecular junction. <i>Nanotechnology</i> , <b>2005</b> , 16, 2134-7	3-4	38
19	Selective Formation of Metal Nanoparticles on the Sidewalls of Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2005</b> , 13, 377-383	1.8	3
18	Efficient self-assembly of transition metal oxide nanoclusters on silicon substrates. <i>Thin Solid Films</i> , <b>2005</b> , 492, 13-18	2.2	4
17	Morphoregulation of teeth: modulating the number, size, shape and differentiation by tuning Bmp activity. <i>Evolution &amp; Development</i> , <b>2005</b> , 7, 440-57	2.6	139
16	Low-Field Emission from Iron Oxide-Filled Carbon Nanotube Arrays. <i>Chinese Physics Letters</i> , <b>2005</b> , 22, 911-914	1.8	13
15	Prospects for tooth regeneration in the 21st century: a perspective. <i>Microscopy Research and Technique</i> , <b>2003</b> , 60, 469-79	2.8	97
14	Heterozygous loss of Six5 in mice is sufficient to cause ocular cataracts. <i>Nature Genetics</i> , <b>2000</b> , 25, 110-4	36.3	167
13	Nerve growth factor (NGF) supports tooth morphogenesis in mouse first branchial arch explants. <i>Developmental Dynamics</i> , <b>1999</b> , 216, 299-310	2.9	31
12	Nerve growth factor (NGF) supports tooth morphogenesis in mouse first branchial arch explants <b>1999</b> , 216, 299		1
11	PDGF-A and PDGFR-alpha regulate tooth formation via autocrine mechanism during mandibular morphogenesis in vitro. <i>Developmental Dynamics</i> , <b>1998</b> , 213, 500-11	2.9	20
10	Characterization of the fate of midline epithelial cells during the fusion of mandibular prominences in vivo. <i>Developmental Dynamics</i> , <b>1997</b> , 208, 526-35	2.9	20

9	Proliferative and structural differences between male and female mouse submandibular glands. <i>The Anatomical Record</i> , <b>1993</b> , 235, 303-11		29
8	Parenchymal cell proliferation and mechanisms for maintenance of granular duct and acinar cell populations in adult male mouse submandibular gland. <i>The Anatomical Record</i> , <b>1993</b> , 235, 475-85		59
7	Three-dimensional reconstruction of adult female mouse submandibular gland secretory structures. <i>The Anatomical Record</i> , <b>1990</b> , 226, 489-500		29
6	Bioinspired in-sensor visual adaptation for accurate perception. <i>Nature Electronics</i> ,	28.4	30
5	Large-Area Transient Conductive Films Obtained through Photonic Sintering of 2D Materials. <i>Advanced Materials Technologies</i> ,2100439	6.8	1
4	Self-reconstruction mediates isolated Pt tailored nanoframes for highly efficient catalysis. <i>Journal of Materials Chemistry A</i> ,	13	1
3	Alloy-buffer-controlled van der Waals epitaxial growth of aligned tellurene. <i>Nano Research</i> ,1	10	0
2	Reconfigurable Synaptic and Neuronal Functions in a V/VO <sub>x</sub> /HfWO <sub>x</sub> /Pt Memristor for Nonpolar Spiking Convolutional Neural Network. <i>Advanced Functional Materials</i> ,2111996	15.6	7
1	Bandgap Engineering of Ternary $\mu$ -InSe $1-x$ S $x$ and $\mu$ -InSe $1-y$ Te $y$ Single Crystals for High-Performance Electronics and Optoelectronics. <i>Advanced Optical Materials</i> ,2200063	8.1	0