

Jiannian Yao

List of Publications by Year in descending order

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272
papers

13,396
citations

20036

63
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37326

100
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308
all docs

308
docs citations

308
times ranked

18107
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton funneling amplified photoluminescence anisotropy in organic radical-doped microcrystals. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2551-2555.	2.7	11
2	An Optically Reconfigurable Förster Resonance Energy Transfer Process for Broadband Switchable Organic Single-Mode Microlasers. <i>CCS Chemistry</i> , 2022, 4, 250-258.	4.6	63
3	Molecular Design Strategy for Practical Singlet Fission Materials: The Charm of Donor/Acceptor Decorated Quinoidal Structure. <i>CCS Chemistry</i> , 2022, 4, 2748-2756.	4.6	12
4	Supramolecular Assembly and Circularly Polarized Phosphorescence of Tridentate Platinum μ -isocyanide Complexes Modified with a Chiral Leucine Derivative. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	6
5	Differential Polymer Chain Scission Enables Free μ -Standing Microcavity Laser Arrays. <i>Advanced Materials</i> , 2022, 34, e2107611.	11.1	12
6	Conformational distortion-harnessed singlet fission dynamics in thienoquinoid: rapid generation and subsequent annihilation of multiexciton dark state. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4268-4275.	2.7	5
7	Magnetically Boosted Generation of Intracellular Reactive Oxygen Species toward Magneto-Photodynamic Therapy. <i>Journal of Physical Chemistry B</i> , 2022, 126, 1895-1903.	1.2	3
8	Exciton μ -Polaritons and Their Bose μ -Einstein Condensates in Organic Semiconductor Microcavities. <i>Advanced Materials</i> , 2022, 34, e2106095.	11.1	22
9	A pre-organized monomer-reservoir strategy to prepare multidimensional phosphorescent organoplatinum nanocrystals and suprastructures. <i>Science China Chemistry</i> , 2022, 65, 328-338.	4.2	5
10	Accumulating bright excitons on the hybridized local and charge transfer excited state for organic semiconductor lasers. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9945-9952.	2.7	2
11	Efficient Singlet Fission via a High-lying 3 ¹ A _g Dark Intermediate State. , 2022, , .		0
12	Riemannian Surface on Carbon Anodes Enables Li-Ion Storage at \sim 35 μ C. <i>ACS Central Science</i> , 2022, 8, 905-914.	5.3	5
13	Excitation-Wavelength-Dependent Organic Long-Persistent Luminescence Originating from Excited-State Long-Range Proton Transfer. <i>Journal of the American Chemical Society</i> , 2022, 144, 12652-12660.	6.6	40
14	Realization of Single-Crystal Dye Lasers by Taming Charge Transfer in Molecular Self-Assemblies. <i>ACS Nano</i> , 2022, 16, 12345-12351.	7.3	5
15	Understanding and Modifying the Scaling Relations for Ammonia Synthesis on Dilute Metal Alloys: From Single-Atom Alloys to Dimer Alloys. <i>ACS Catalysis</i> , 2022, 12, 9201-9212.	5.5	18
16	Smart responsive organic microlasers with multiple emission states for high-security optical encryption. <i>National Science Review</i> , 2021, 8, nwaa162.	4.6	32
17	Ultrathin Monolayer Mn ²⁺ μ -Alloyed 2D Perovskite Colloidal Quantum Wells. <i>Advanced Optical Materials</i> , 2021, 9, 2001135.	3.6	13
18	Electrospinning fabrication of flexible, foldable, and twistable Sb ₂ S ₃ /TiO ₂ /C nanofiber anode for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2021, 413, 127400.	6.6	40

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19	Co ₁₃ O ₈ ” metalloxocubes: a new class of perovskite-like neutral clusters with cubic aromaticity. National Science Review, 2021, 8, nwa201.	4.6	21
20	Revealing the Role of d Orbitals of Transition-Metal-Doped Titanium Oxide on High-Efficient Oxygen Reduction. CCS Chemistry, 2021, 3, 180-188.	4.6	18
21	A mono-copper doped undeca-gold cluster with up-converted and anti-stokes emissions of fluorescence and phosphorescence. Nanoscale, 2021, 13, 5300-5306.	2.8	9
22	Superkinetic Growth of Oval Organic Semiconductor Microcrystals for Chaotic Lasing. Advanced Materials, 2021, 33, e2100484.	11.1	25
23	Tailoring Color-Tunable Dual Emissions of Mn ²⁺ -Alloyed Two-Dimensional Perovskite Quantum Wells. Chemistry of Materials, 2021, 33, 2847-2854.	3.2	20
24	A Universal In Situ Cross-Linking Strategy Enables Orthogonal Processing of Full-Color Organic Microlaser Arrays. Advanced Functional Materials, 2021, 31, 2103031.	7.8	22
25	High-Lying ³ A _g Dark-State-Mediated Singlet Fission. Journal of the American Chemical Society, 2021, 143, 5691-5697.	6.6	19
26	Full-Color and White Circularly Polarized Luminescence of Hydrogen-Bonded Ionic Organic Microcrystals. Angewandte Chemie, 2021, 133, 14716-14721.	1.6	21
27	Full-Color and White Circularly Polarized Luminescence of Hydrogen-Bonded Ionic Organic Microcrystals. Angewandte Chemie - International Edition, 2021, 60, 14595-14600.	7.2	51
28	Engineering Electronic Structure of Single-Atom Pd Site on Ti _{0.87} O ₂ Nanosheet via Charge Transfer Enables C-Br Cleavage for Room-Temperature Suzuki Coupling. CCS Chemistry, 2021, 3, 1453-1462.	4.6	12
29	Room temperature exciton-polariton Bose-Einstein condensation in organic single-crystal microribbon cavities. Nature Communications, 2021, 12, 3265.	5.8	48
30	Organic composite materials: Understanding and manipulating excited states toward higher light-emitting performance. Aggregate, 2021, 2, e103.	5.2	7
31	Magnetically Controlled Assembly of Dielectric Microspheres toward Photonic Molecules. Advanced Functional Materials, 2021, 31, 2103945.	7.8	6
32	Photonic skins based on flexible organic microlaser arrays. Science Advances, 2021, 7, .	4.7	42
33	Geometry-Programmable Perovskite Microlaser Patterns for Two-Dimensional Optical Encryption. Nano Letters, 2021, 21, 6792-6799.	4.5	34
34	3D Laser Displays Based on Circularly Polarized Lasing from Cholesteric Liquid Crystal Arrays. Advanced Materials, 2021, 33, e2104418.	11.1	109
35	Efficient Singlet Fission in Loose Packing Benzodipyrrolidone Thin Films. Journal of Physical Chemistry C, 2021, 125, 22093-22099.	1.5	5
36	Strategic Engineering of Sub-5 nm Dyes@CDs Nanoassemblies Platform for Super Resolution Imaging. Advanced Functional Materials, 2021, 31, 2106516.	7.8	3

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37	Randomly Induced Phase Transformation in Silk Protein-Based Microlaser Arrays for Anticounterfeiting. <i>Advanced Materials</i> , 2021, 33, e2102586.	11.1	29
38	Molecular engineering towards tunable morphology of metal-organic complex microcrystals for efficient and multicolor electrochemiluminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16485-16494.	2.7	5
39	Thermally Activated Lasing in Organic Microcrystals toward Laser Displays. <i>Journal of the American Chemical Society</i> , 2021, 143, 20249-20255.	6.6	29
40	H-Type-like Aggregation-Accelerated Singlet Fission Process in Dipyrrolonaphthridinedione Thin Film: The Role of Charge Transfer/Excimer Mixed Intermediate State. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 12276-12282.	2.1	19
41	Singlet Fission in a <i>para</i> -Azaquinodimethane-Based Quinoidal Conjugated Polymer. <i>Journal of the American Chemical Society</i> , 2020, 142, 17892-17896.	6.6	26
42	sp ² /sp ³ Hybridized Carbon as an Anode with Extra Li-Ion Storage Capacity: Construction and Origin. <i>ACS Central Science</i> , 2020, 6, 1451-1459.	5.3	22
43	Effect of the Fluoro-Substituent Position on the Crystal Structure and Photoluminescence of Microcrystals of Platinum ^{II} -Diketonate Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 11316-11328.	1.9	10
44	Lanthanide MOFs for inducing molecular chirality of achiral stilbazolium with strong circularly polarized luminescence and efficient energy transfer for color tuning. <i>Chemical Science</i> , 2020, 11, 9154-9161.	3.7	62
45	Tuneable red, green, and blue single-mode lasing in heterogeneously coupled organic spherical microcavities. <i>Light: Science and Applications</i> , 2020, 9, 151.	7.7	41
46	A Photoisomerization-Activated Intramolecular Charge-Transfer Process for Broadband-Tunable Single-Mode Microlasers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15992-15996.	7.2	31
47	A Photoisomerization-Activated Intramolecular Charge-Transfer Process for Broadband-Tunable Single-Mode Microlasers. <i>Angewandte Chemie</i> , 2020, 132, 16126-16130.	1.6	3
48	Lasing from an Organic Micro-Helix. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11080-11086.	7.2	19
49	Lasing from an Organic Micro-Helix. <i>Angewandte Chemie</i> , 2020, 132, 11173-11179.	1.6	6
50	Manganese Doping in Cobalt Oxide Nanorods Promotes Catalytic Dehydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5734-5741.	3.2	19
51	Enhancing multiphoton upconversion through interfacial energy transfer in multilayered nanoparticles. <i>Nature Communications</i> , 2020, 11, 1174.	5.8	118
52	Engineering Platinum-Oxygen Dual Catalytic Sites via Charge Transfer towards Highly Efficient Hydrogen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 17865-17871.	1.6	24
53	Engineering Platinum-Oxygen Dual Catalytic Sites via Charge Transfer towards Highly Efficient Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17712-17718.	7.2	53
54	Grain Boundary Enhanced Photoluminescence Anisotropy in Two-Dimensional Hybrid Perovskite Films. <i>Advanced Optical Materials</i> , 2020, 8, 1901780.	3.6	14

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55	Regulating Charge Transfer of Lattice Oxygen in Single-Atom-Doped Titania for Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15855-15859.	7.2	44
56	Regulating Charge Transfer of Lattice Oxygen in Single-Atom-Doped Titania for Hydrogen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 15989-15993.	1.6	10
57	Flat-Panel Laser Displays Based on Liquid Crystal Microlaser Arrays. <i>CCS Chemistry</i> , 2020, 2, 369-375.	4.6	95
58	Wavelength-Tunable Single-Mode Microlasers Based on Photoresponsive Pitch Modulation of Liquid Crystals for Information Encryption. <i>Research</i> , 2020, 2020, 6539431.	2.8	14
59	Ternary Blended Fullerene-Free Polymer Solar Cells with 16.5% Efficiency Enabled with a Higher-LUMO-Level Acceptor to Improve Film Morphology. <i>Advanced Energy Materials</i> , 2019, 9, 1901728.	10.2	216
60	An integrated instrument of DUV-IR photoionization mass spectrometry and spectroscopy for neutral clusters. <i>Review of Scientific Instruments</i> , 2019, 90, 073101.	0.6	31
61	Efficient triplet pair separation from intramolecular singlet fission in dibenzopentalene derivatives. <i>Science China Chemistry</i> , 2019, 62, 1037-1043.	4.2	5
62	3D-printed optical-electronic integrated devices. <i>Science China Chemistry</i> , 2019, 62, 1398-1404.	4.2	7
63	Single-molecule level control of host-guest interactions in metallocycle-C60 complexes. <i>Nature Communications</i> , 2019, 10, 4599.	5.8	44
64	Novel bimetallic lanthanide metal-organic frameworks (Ln-MOFs) for colour-tuning through energy-transfer between visible and near-infrared emitting Ln ³⁺ ions. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2751-2757.	2.7	20
65	Modulation of Amplified Spontaneous Emissions between Singlet Fluorescence and Triplet Phosphorescence Channels in Organic Dye Lasers. <i>Laser and Photonics Reviews</i> , 2019, 13, 1900036.	4.4	14
66	A nonfullerene acceptor with a 1000 nm absorption edge enables ternary organic solar cells with improved optical and morphological properties and efficiencies over 15%. <i>Energy and Environmental Science</i> , 2019, 12, 2529-2536.	15.6	213
67	Exciton funneling in light-harvesting organic semiconductor microcrystals for wavelength-tunable lasers. <i>Science Advances</i> , 2019, 5, eaaw2953.	4.7	37
68	Effect of Axial Coordination of Iron Porphyrin on Their Nanostructures and Photocatalytic Performance. <i>Crystal Growth and Design</i> , 2019, 19, 3279-3287.	1.4	13
69	Organic Janus Microspheres: A General Approach to All-Color Dual-Wavelength Microlasers. <i>Journal of the American Chemical Society</i> , 2019, 141, 5116-5120.	6.6	55
70	A High-Performance Non-Fullerene Acceptor Compatible with Polymers with Different Bandgaps for Efficient Organic Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1800376.	3.1	37
71	Atomic iridium@cobalt nanosheets for dinuclear tandem water oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8376-8383.	5.2	72
72	A fluorometric displacement assay for adenosine triphosphate using layered cobalt(II) double hydroxide nanosheets. <i>Mikrochimica Acta</i> , 2019, 186, 263.	2.5	5

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73	Photoluminescent Anisotropy Amplification in Polymorphic Organic Nanocrystals by Light-Harvesting Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 6157-6161.	6.6	92
74	Rechargeable Zn ²⁺ /CO ₂ Electrochemical Cells Mimicking Two-Step Photosynthesis. <i>Advanced Materials</i> , 2019, 31, e1807807.	11.1	87
75	Full-color laser displays based on organic printed microlaser arrays. <i>Nature Communications</i> , 2019, 10, 870.	5.8	153
76	Controlled Outcoupling of Whispering-Gallery-Mode Lasers Based on Self-Assembled Organic Single-Crystalline Microrings. <i>Nano Letters</i> , 2019, 19, 1098-1103.	4.5	24
77	13%-Efficiency Quaternary Polymer Solar Cell with Nonfullerene and Fullerene as Mixed Electron Acceptor Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 766-773.	4.0	19
78	Amplified Spontaneous Emission Based on 2D Ruddlesden-Popper Perovskites. <i>Advanced Functional Materials</i> , 2018, 28, 1707006.	7.8	129
79	2D Ruddlesden-Popper Perovskites Microring Laser Array. <i>Advanced Materials</i> , 2018, 30, e1706186.	11.1	190
80	In Situ Visualization of Assembly and Photonic Signal Processing in a Triplet Light-Harvesting Nanosystem. <i>Journal of the American Chemical Society</i> , 2018, 140, 4269-4278.	6.6	93
81	Cobalt layered double hydroxide nanosheets synthesized in water-methanol solution as oxygen evolution electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5999-6006.	5.2	103
82	Thermal-Responsive Phosphorescent Nanoamplifiers Assembled from Two Metallophosphors. <i>Angewandte Chemie</i> , 2018, 130, 7946-7951.	1.6	9
83	A Two-Dimensional Ruddlesden-Popper Perovskite Nanowire Laser Array based on Ultrafast Light-Harvesting Quantum Wells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7748-7752.	7.2	72
84	Thermal-Responsive Phosphorescent Nanoamplifiers Assembled from Two Metallophosphors. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7820-7825.	7.2	37
85	Metal-Free Fluorine-Doped Carbon Electrocatalyst for CO ₂ Reduction Outcompeting Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9640-9644.	7.2	228
86	Metal-Free Fluorine-Doped Carbon Electrocatalyst for CO ₂ Reduction Outcompeting Hydrogen Evolution. <i>Angewandte Chemie</i> , 2018, 130, 9788-9792.	1.6	69
87	Triarylaminines with branched multi-pyridine groups: modulation of emission properties by structural variation, solvents, and tris(pentafluorophenyl)borane. <i>Science China Chemistry</i> , 2018, 61, 545-556.	4.2	15
88	Weak interactions cause selective cocrystal formation of lanthanide nitrates and tetra-2-pyridinylpyrazine. <i>CrystEngComm</i> , 2018, 20, 1123-1129.	1.3	14
89	Tetraphenylphosphonium Bromide as a Cathode Buffer Layer Material for Highly Efficient Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5569-5576.	4.0	22
90	Room-Temperature Phosphorescence in Pure Organic Materials: Halogen Bonding Switching Effects. <i>Chemistry - A European Journal</i> , 2018, 24, 1801-1805.	1.7	86

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91	Two-Dimensional Pyramid-like WS ₂ Layered Structures for Highly Efficient Edge Second-Harmonic Generation. ACS Nano, 2018, 12, 689-696.	7.3	63
92	Loss compensation during subwavelength propagation of enhanced second-harmonic generation signals in a hybrid plasmonic waveguide. Materials Chemistry Frontiers, 2018, 2, 491-496.	3.2	4
93	A Two-Dimensional Ruddlesden-Popper Perovskite Nanowire Laser Array based on Ultrafast Light Harvesting Quantum Wells. Angewandte Chemie, 2018, 130, 7874-7878.	1.6	24
94	Asymmetric photon transport in organic semiconductor nanowires through electrically controlled exciton diffusion. Science Advances, 2018, 4, eaap9861.	4.7	56
95	Wavelength Division Multiplexer Based on Semiconductor Heterostructures Constructed via Nanoarchitectonics. Small, 2018, 14, 1702698.	5.2	10
96	Frontispiz: Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. Angewandte Chemie, 2018, 130, .	1.6	0
97	Frontispiece: Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. Angewandte Chemie - International Edition, 2018, 57, .	7.2	1
98	Organophosphorus Derivatives as Cathode Interfacial-Layer Materials for Highly Efficient Fullerene-Free Polymer Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 35896-35903.	4.0	15
99	Fused-Ring Nonfullerene Acceptor Forming Interpenetrating Architecture for Fullerene-Free Polymer Solar Cells. Advanced Energy Materials, 2018, 8, 1800204.	10.2	68
100	Stimulated Emission-Controlled Photonic Transistor on a Single Organic Triblock Nanowire. Journal of the American Chemical Society, 2018, 140, 13147-13150.	6.6	47
101	Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. Angewandte Chemie, 2018, 130, 17242-17247.	1.6	13
102	Reversible Aqueous Zinc-CO ₂ Batteries Based on CO ₂ -HCOOH Interconversion. Angewandte Chemie - International Edition, 2018, 57, 16996-17001.	7.2	108
103	Complex assembly from planar and twisted π -conjugated molecules towards alloy helices and core-shell structures. Nature Communications, 2018, 9, 4358.	5.8	40
104	Molecular Quadripod as a Noncovalent Interfacial Coupling Reagent for Forming Immobilized Coordination Assemblies. Journal of the American Chemical Society, 2018, 140, 12337-12340.	6.6	10
105	Proton-Controlled Organic Microlaser Switch. ACS Nano, 2018, 12, 5734-5740.	7.3	42
106	A Two-Dimensional Hole-Transporting Material for High-Performance Perovskite Solar Cells with 20% Average Efficiency. Angewandte Chemie, 2018, 130, 11125-11131.	1.6	25
107	A Two-Dimensional Hole-Transporting Material for High-Performance Perovskite Solar Cells with 20% Average Efficiency. Angewandte Chemie - International Edition, 2018, 57, 10959-10965.	7.2	127
108	High-efficiency quaternary polymer solar cells enabled with binary fullerene additives to reduce nonfullerene acceptor optical band gap and improve carriers transport. Science China Chemistry, 2018, 61, 1609-1618.	4.2	28

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109	Improved fullerene-free polymer solar cells using a rationally designed binary mixed solution of an electron extracting layer. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1876-1883.	3.2	10
110	Innenr¼cktitelbild: Metal-Free Fluorine-Doped Carbon Electrocatalyst for CO2 Reduction Outcompeting Hydrogen Evolution (<i>Angew. Chem.</i> 31/2018). <i>Angewandte Chemie</i> , 2018, 130, 10133-10133.	1.6	0
111	Emissive edge state in CH3NH3PbBr3 films probed by fluorescence lifetime imaging technique. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	0.8	6
112	Hybrid Three-Dimensional Spiral WSe₂ Plasmonic Structures for Highly Efficient Second-Order Nonlinear Parametric Processes. <i>Research</i> , 2018, 2018, 4164029.	2.8	15
113	Modulated emission from dark triplet excitons in aza-acene compounds: fluorescence versus phosphorescence. <i>New Journal of Chemistry</i> , 2017, 41, 1864-1871.	1.4	14
114	Lattice-Matched Epitaxial Growth of Organic Heterostructures for Integrated Optoelectronic Application. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3616-3620.	7.2	68
115	A New Function of N719: N719 Based Solution-Processible Binary Cathode Buffer Layer Enables High-Efficiency Single-Junction Polymer Solar Cells. <i>Solar Rrl</i> , 2017, 1, 1700014.	3.1	24
116	Chemical redox modulated fluorescence of nitrogen-doped graphene quantum dots for probing the activity of alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , 2017, 94, 271-277.	5.3	94
117	Lattice-Matched Epitaxial Growth of Organic Heterostructures for Integrated Optoelectronic Application. <i>Angewandte Chemie</i> , 2017, 129, 3670-3674.	1.6	23
118	Anion-regulated electronic communication in a cyclometalated diruthenium complex with a urea bridge. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8902-8907.	1.3	10
119	Photoreactions of Porphyrins Initiated by Deep Ultraviolet Single Photons. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4626-4632.	1.1	6
120	The controllable synthesis of ultrafine one-dimensional small-molecule semiconducting nanocrystals in surfactant-assisted wet chemical reactions and their confinement effect. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6377-6385.	2.7	11
121	Porous hydrogen-bonded organic-inorganic frameworks: weak interactions and selective dye filtration. <i>CrystEngComm</i> , 2017, 19, 613-617.	1.3	27
122	High-Performance Solution-Processed Single-Junction Polymer Solar Cell Achievable by Post-Treatment of PEDOT:PSS Layer with Water-Containing Methanol. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1446-1452.	4.0	37
123	Benzoindolic squaraine dyes with a large two-photon absorption cross-section. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1224-1230.	2.7	30
124	Dual-Wavelength Switchable Vibronic Lasing in Single-Crystal Organic Microdisks. <i>Nano Letters</i> , 2017, 17, 91-96.	4.5	63
125	Highly Efficient Room-Temperature Phosphorescence from Halogen-Bonding-Assisted Doped Organic Crystals. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8652-8658.	1.1	67
126	Tunable Near-Infrared Organic Nanowire Nanolasers. <i>Advanced Functional Materials</i> , 2017, 27, 1703470.	7.8	69

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127	A Novel BODIPY-Based Low-Band-Gap Small-Molecule Acceptor for Efficient Non-fullerene Polymer Solar Cells. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1813-1823.	2.6	20
128	All-Color Subwavelength Output of Organic Flexible Microlasers. <i>Journal of the American Chemical Society</i> , 2017, 139, 11329-11332.	6.6	46
129	Dual-color single-mode lasing in axially coupled organic nanowire resonators. <i>Science Advances</i> , 2017, 3, e1700225.	4.7	122
130	Absence of Intramolecular Singlet Fission in Pentacene-Perylene diimide Heterodimers: The Role of Charge Transfer State. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5609-5615.	2.1	17
131	Tuning the organic microcrystal laser wavelength of ES IPT-active compounds <i>via</i> controlling the excited enol* and keto* emissions. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12235-12240.	2.7	38
132	Regulation of intra- and intermolecular Pt-Pt and Ir-Ir interactions of a U-shaped diplatinum complex to achieve pseudo-polymorphic emissions in solution and crystalline states. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7222-7229.	2.7	17
133	Capillary-Bridge Lithography for Patterning Organic Crystals toward Mode-Tunable Microlaser Arrays. <i>Advanced Materials</i> , 2017, 29, 1603652.	11.1	96
134	Design of Diketopyrrolopyrrole (DPP)-Based Small Molecules for Organic Solar Cell Applications. <i>Advanced Materials</i> , 2017, 29, 1600013.	11.1	290
135	Reaction Mechanisms of CO ₂ Reduction to Formaldehyde Catalyzed by Hourglass Ru, Fe, and Os Complexes: A Density Functional Theory Study. <i>Catalysts</i> , 2017, 7, 5.	1.6	17
136	Probing single molecules and molecular aggregates: Raman spectroscopic advances. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 623-635.	1.2	19
137	Understanding Solvent Manipulation of Morphology in Bulk-Heterojunction Organic Solar Cells. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2620-2632.	1.7	24
138	Transition from a Metal-Localized Mixed-Valence Compound to a Fully Delocalized and Bridge-Biased Electrophore in a Ruthenium-Amine-Ruthenium Tricenter System. <i>Chemistry - A European Journal</i> , 2016, 22, 10341-10345.	1.7	21
139	Accessing the Triplet State in Heavy-Atom-Free Perylene Diimides. <i>Chemistry - A European Journal</i> , 2016, 22, 4717-4722.	1.7	72
140	All-solid-state deep ultraviolet laser for single-photon ionization mass spectrometry. <i>Review of Scientific Instruments</i> , 2016, 87, 024102.	0.6	16
141	Tunable Self-Assembly and Morphology-Dependent Photoconductivity of a Donor-Acceptor-Structured Diruthenium Complex. <i>Inorganic Chemistry</i> , 2016, 55, 13007-13013.	1.9	6
142	Factors That Control the Reactivity of Cobalt(III)-Nitrosyl Complexes in Nitric Oxide Transfer and Dioxygenation Reactions: A Combined Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2016, 138, 7753-7762.	6.6	36
143	Theoretical Study of Tetrahydrofuran-Stabilized Al ₁₃ Superatom Cluster. <i>Journal of Physical Chemistry A</i> , 2016, 120, 3950-3957.	1.1	20
144	Synthesis and photovoltaic properties of low bandgap dimeric perylene diimide based non-fullerene acceptors. <i>Science China Chemistry</i> , 2016, 59, 209-217.	4.2	28

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145	Direct photocatalytic hydrogen evolution from water splitting using nanostructures of hydrate organic small molecule as photocatalysts. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6577-6584.	5.2	16
146	A theoretical study of weak interactions in phenylenediamine homodimer clusters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29249-29257.	1.3	23
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