Yu Tian

List of Publications by Year in descending order

46 papers	5,179 citations	186265 28 h-index	214800 47 g-index
49 all docs	49 docs citations	49 times ranked	5575 citing authors

#	Article	IF	Citations
1	One-dimensional organic lead halide perovskites with efficient bluish white-light emission. Nature Communications, 2017, 8, 14051.	12.8	623
2	Low-Dimensional Organometal Halide Perovskites. ACS Energy Letters, 2018, 3, 54-62.	17.4	528
3	Luminescent zero-dimensional organic metal halide hybrids with near-unity quantum efficiency. Chemical Science, 2018, 9, 586-593.	7.4	467
4	Bright Lightâ€Emitting Diodes Based on Organometal Halide Perovskite Nanoplatelets. Advanced Materials, 2016, 28, 305-311.	21.0	463
5	Enhanced Optical and Electrical Properties of Polymerâ€Assisted Allâ€Inorganic Perovskites for Lightâ€Emitting Diodes. Advanced Materials, 2016, 28, 8983-8989.	21.0	326
6	Fully Printed Halide Perovskite Light-Emitting Diodes with Silver Nanowire Electrodes. ACS Nano, 2016, 10, 1795-1801.	14.6	261
7	Lowâ€Dimensional Organic Tin Bromide Perovskites and Their Photoinduced Structural Transformation. Angewandte Chemie - International Edition, 2017, 56, 9018-9022.	13.8	242
8	A Zeroâ€Dimensional Organic Seesawâ€Shaped Tin Bromide with Highly Efficient Strongly Stokesâ€Shifted Deepâ€Red Emission. Angewandte Chemie - International Edition, 2018, 57, 1021-1024.	13.8	219
9	Facile Preparation of Light Emitting Organic Metal Halide Crystals with Near-Unity Quantum Efficiency. Chemistry of Materials, 2018, 30, 2374-2378.	6.7	193
10	Highly Efficient Spectrally Stable Red Perovskite Lightâ€Emitting Diodes. Advanced Materials, 2018, 30, e1707093.	21.0	184
11	Blue Emitting Single Crystalline Assembly of Metal Halide Clusters. Journal of the American Chemical Society, 2018, 140, 13181-13184.	13.7	183
12	Highly Efficient Broadband Yellow Phosphor Based on Zero-Dimensional Tin Mixed-Halide Perovskite. ACS Applied Materials & Interfaces, 2017, 9, 44579-44583.	8.0	174
13	A facile one-pot synthesis of deep blue luminescent lead bromide perovskite microdisks. Chemical Communications, 2015, 51, 16385-16388.	4.1	131
14	A Phosphorescent Molecular â€œButterflyâ€•that undergoes a Photoinduced Structural Change allowing Temperature Sensing and White Emission. Angewandte Chemie - International Edition, 2014, 53, 10908-10912.	13.8	129
15	Manganese-Doped One-Dimensional Organic Lead Bromide Perovskites with Bright White Emissions. ACS Applied Materials & Interfaces, 2017, 9, 40446-40451.	8.0	101
16	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. Angewandte Chemie - International Edition, 2015, 54, 9591-9595.	13.8	85
17	Bulk assembly of organic metal halide nanotubes. Chemical Science, 2017, 8, 8400-8404.	7.4	76
18	Sunlike White-Light-Emitting Diodes Based on Zero-Dimensional Organic Metal Halide Hybrids. ACS Applied Materials & Interfaces, 2018, 10, 30051-30057.	8.0	75

#	Article	IF	Citations
19	Tunable Janus colloidal photonic crystal supraballs with dual photonic band gaps. Journal of Materials Chemistry C, 2014, 2, 9431-9438.	5.5	71
20	A Zeroâ€Dimensional Organic Seesawâ€Shaped Tin Bromide with Highly Efficient Strongly Stokesâ€Shifted Deepâ€Red Emission. Angewandte Chemie, 2018, 130, 1033-1036.	2.0	58
21	A Microscale Perovskite as Single Component Broadband Phosphor for Downconversion Whiteâ€Lightâ€Emitting Devices. Advanced Optical Materials, 2016, 4, 2009-2015.	7.3	57
22	Hollow metal halide perovskite nanocrystals with efficient blue emissions. Science Advances, 2020, 6, eaaz5961.	10.3	54
23	Fabrication of crack-free photonic crystal films via coordination of microsphere terminated dendrimers and their performance in invisible patterned photonic displays. Journal of Materials Chemistry C, 2016, 4, 8765-8771.	5.5	42
24	Lowâ€Dimensional Organic Tin Bromide Perovskites and Their Photoinduced Structural Transformation. Angewandte Chemie, 2017, 129, 9146-9150.	2.0	42
25	Acid-Induced Activated Cell-Penetrating Peptide-Modified Cholesterol-Conjugated Polyoxyethylene Sorbitol Oleate Mixed Micelles for pH-Triggered Drug Release and Efficient Brain Tumor Targeting Based on a Charge Reversal Mechanism. ACS Applied Materials & Interfaces, 2018, 10, 43411-43428.	8.0	39
26	Analysis of p53 and vascular endothelial growth factor expression in human gallbladder carcinoma for the determination of tumor vascularity. World Journal of Gastroenterology, 2006, 12, 415.	3.3	35
27	Highly Enhanced Luminescence Performance of LEDs via Controllable Layerâ€Structured 3D Photonic Crystals and Photonic Crystal Beads. Small Methods, 2018, 2, 1800104.	8.6	32
28	Facile fabrication of structure-tunable bead-shaped hybrid microfibers using a Rayleigh instability guiding strategy. Chemical Communications, 2015, 51, 17525-17528.	4.1	29
29	Dendrimer-induced colloids towards robust fluorescent photonic crystal films and high performance WLEDs. Journal of Materials Chemistry C, 2018, 6, 8187-8193.	5.5	28
30	Co-delivery of siRNA and paclitaxel into cancer cells by hyaluronic acid modified redox-sensitive disulfide-crosslinked PLGAâ€“PEI nanoparticles. RSC Advances, 2015, 5, 46464-46479.	3.6	26
31	A Solutionâ€Processed Organometal Halide Perovskite Hole Transport Layer for Highly Efficient Organic Lightâ€Emitting Diodes. Advanced Electronic Materials, 2016, 2, 1600165.	5.1	25
32	Microfluidic printing directing photonic crystal bead 2D code patterns. Journal of Materials Chemistry C, 2018, 6, 2336-2341.	5.5	24
33	Construction of Ag-doped Znâ€“Inâ€“S quantum dots toward white LEDs and 3D luminescent patterning. RSC Advances, 2016, 6, 47616-47622.	3.6	23
34	Arginine-stabilized mPEG-PDLLA (50/50) polymeric micelles of docetaxel by electrostatic mechanism for tumor-targeted delivery. Drug Delivery, 2015, 22, 168-181.	5.7	20
35	Ultrasensitive responsive photonic crystal films derived from the assembly between similarly charged colloids and substrates towards trace electrolyte sensing. Journal of Materials Chemistry C, 2016, 4, 6750-6755.	5.5	11
36	Icarisid <scp>II</scp> rescues cognitive dysfunction via activation of Wnt/Î²â€catenin signaling pathway promoting hippocampal neurogenesis in <scp>APP</scp>/<scp>PS1</scp> transgenic mice. Phytotherapy Research, 2022, 36, 2095-2108.	5.8	11

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37	Rapid visualized hydrophobic-force-driving self-assembly towards brilliant photonic crystals. Chemical Engineering Journal, 2021, 420, 127582.	12.7	9
38	Light-Emitting Diodes: Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	21.0	7
39	Thermal Imprint Introduced Crystallization of A Solution Processed Subphthalocyanine Thin Film. Advanced Materials Interfaces, 2016, 3, 1600179.	3.7	5
40	Synthesis, characterization and evaluation of tinidazole-loaded mPEGâ€“PDLLA (10/90) in situ gel forming system for periodontitis treatment. Drug Delivery, 2016, 23, 2726-2735.	5.7	5
41	Correlation of P-glycoprotein expression with poor vascularization in human gallbladder carcinomas. World Journal of Gastroenterology, 2003, 9, 2817.	3.3	5
42	Jujuboside a promotes proliferation and neuronal differentiation of APPswe-overexpressing neural stem cells by activating Wnt/Î²-catenin signaling pathway. Neuroscience Letters, 2022, 772, 136473.	2.1	5
43	Analysis of p53 and vascular endothelial growth factor and its receptor Flk-1 expression in human gallbladder carcinoma for determination of tumor vascularity. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2005, 17, 273-277.	2.2	1
44	Versatile hydrogel-based nanocrystal microreactors towards uniform fluorescent photonic crystal supraballs. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	1
45	Titelbild: Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission (Angew. Chem. 33/2015). Angewandte Chemie, 2015, 127, 9553-9553.	2.0	0
46	Information entropy-based fitting of the disease trajectory of brain ischemia-induced vascular cognitive impairment. Neural Regeneration Research, 2012, 7, 697-702.	3.0	0