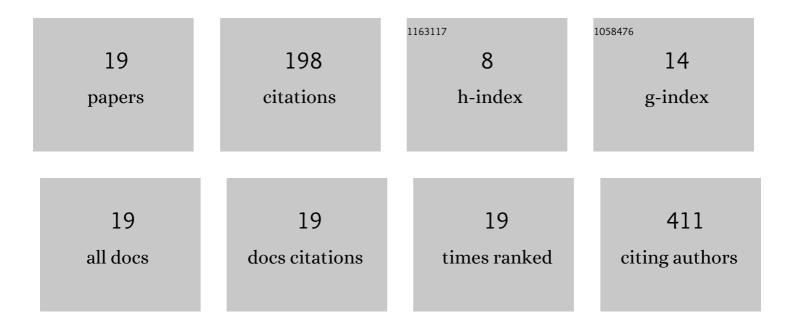
Xiang Liu

List of Publications by Year in descending order

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XIANGLIU

#	Article	IF	CITATIONS
1	Multiple Cations Enhanced Defect Passivation of Blue Perovskite Quantum Dots Enabling Efficient Lightâ€Emitting Diodes. Advanced Optical Materials, 2020, 8, 2001494.	7.3	30
2	A highly sensitive and fast graphene nanoribbon/CsPbBr ₃ quantum dot phototransistor with enhanced vertical metal oxide heterostructures. Nanoscale, 2018, 10, 10182-10189.	5.6	28
3	Photo-modulated thin film transistor based on dynamic charge transfer within quantum-dots-InGaZnO interface. Applied Physics Letters, 2014, 104, 113501.	3.3	21
4	Dual-Gate Phototransistor With Perovskite Quantum Dots-PMMA Photosensing Nanocomposite Insulator. IEEE Electron Device Letters, 2017, 38, 1270-1273.	3.9	20
5	Graphene nanomesh photodetector with effective charge tunnelling from quantum dots. Nanoscale, 2015, 7, 4242-4249.	5.6	18
6	High Efficiency Lightâ€Emitting Transistor with Vertical Metal–Oxide Heterostructure. Small, 2018, 14, e1800265.	10.0	17
7	Solution-Processed Solar-Blind Ultraviolet Photodetectors Based on ZnS Quantum Dots. IEEE Photonics Technology Letters, 2018, 30, 1384-1387.	2.5	17
8	Infrared Phototransistor Induced by MoS ₂ Quantum Dots Encapsulated in Lead Iodide Perovskite. IEEE Electron Device Letters, 2019, 40, 746-749.	3.9	10
9	CH ₃ NH ₃ PbI ₃ Perovskite Nanorods Saturable Absorber for Stable Ultra-Fast Laser. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	10
10	Printable Organic PIN Phototransistor and Its Application for Low Power and Noise Imaging Detection. IEEE Photonics Journal, 2022, 14, 1-5.	2.0	5
11	Co-optimization of Na and K doping for improved room-temperature TCR of La0.7(Na0.3-K)MnO3 polycrystalline ceramics. Ceramics International, 2022, 48, 24290-24297.	4.8	5
12	Large area highly ordered monolayer composite microsphere arrays – fabrication and tunable surface plasmon linewidth. RSC Advances, 2018, 8, 39735-39741.	3.6	4
13	Narrowâ€Band QDâ€Enhanced PIN Metalâ€Oxide Heterostructure Phototransistor with the Assistance of Printing Processes. Advanced Optical Materials, 2020, 8, 1901472.	7.3	4
14	An Infrared Photoinverter With a GeSe 2-D/PbSe Heterostructure and its Application in Spectroscopy Detectors. IEEE Electron Device Letters, 2022, 43, 1085-1088.	3.9	4
15	Printable Graphene–Insulator–Semiconductor (GIS) Heterostructures for Active Control of Infrared Qâ€ S witched Laser. Advanced Optical Materials, 2021, 9, 2001502.	7.3	3
16	Effective switching of an all-solid-state mode-locked laser by a graphene modulator. Optics Express, 2022, 30, 16530.	3.4	2
17	Passively Q-Switched Nd:YVO4 Laser Based on Silver-Plated Graphene Saturable Absorber. , 2019, , .		0
18	Fully-Transparent TFT Sensor Array with IGZO/Nanorods Enhancing Structure. , 2021, , .		0

		XIANG LIU		
#	Article		IF	CITATIONS
19	Perovskite Quantum Dots Based Phototransistors. Springer Series in Materials Science, 2020, , 255	5-278.	0.6	Ο