Christy Roshini Paul Inbaraj

List of Publications by Year
in descending order

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17 papers	360 citations	933264 10 h-index	940416 16 g-index
17 all docs	17 docs citations	17 times ranked	628 citing authors

#	Article	IF	Citations
1	Nearâ€Infrared Electroluminescent Lightâ€Emitting Transistors Based on CVDâ€Synthesized Ambipolar ReSe₂ Nanosheets. Advanced Optical Materials, 2022, 10, .	3.6	3
2	A Bi-Anti-Ambipolar Field Effect Transistor. ACS Nano, 2021, 15, 8686-8693.	7.3	30
3	Generation of Silver Metal Nanocluster Random Lasing. ACS Photonics, 2021, 8, 3051-3060.	3.2	9
4	Highly Efficient Photodetection in Metal Nanocluster/Graphene Heterojunctions. ACS Photonics, 2021, 8, 2955-2965.	3.2	9
5	Enhanced laser action from smart fabrics made with rollable hyperbolic metamaterials. Npj Flexible Electronics, 2020, 4, .	5.1	8
6	Modulating Charge Separation with Hexagonal Boron Nitride Mediation in Vertical Van der Waals Heterostructures. ACS Applied Materials & Interfaces, 2020, 12, 26213-26221.	4.0	14
7	Self-Sufficient and Highly Efficient Gold Sandwich Upconversion Nanocomposite Lasers for Stretchable and Bio-applications. ACS Applied Materials & Interfaces, 2020, 12, 19840-19854.	4.0	21
8	Doping Engineered InSe Flakes for High Mobility Phototransistor. , 2020, , .		1
9	Self-Healing Nanophotonics: Robust and Soft Random Lasers. ACS Nano, 2019, 13, 8977-8985.	7.3	14
10	Heavy Mediator at Quantum Dot/Graphene Heterojunction for Efficient Charge Carrier Transfer: Alternative Approach for High-Performance Optoelectronic Devices. ACS Applied Materials & Interfaces, 2019, 11, 26518-26527.	4.0	14
11	Ultrahighly Photosensitive and Highly Stretchable Rippled Structure Photodetectors Based on Perovskite Nanocrystals and Graphene. ACS Applied Electronic Materials, 2019, 1, 1517-1526.	2.0	11
12	Graphene Sandwich Stable Perovskite Quantum-Dot Light-Emissive Ultrasensitive and Ultrafast Broadband Vertical Phototransistors. ACS Nano, 2019, 13, 12540-12552.	7.3	69
13	High unsaturated room-temperature magnetoresistance in phase-engineered MoxW1âˆ’xTe2+Î´ ultrathin films. Journal of Materials Chemistry C, 2019, 7, 10996-11004.	2.7	9
14	Sn-Doping Enhanced Ultrahigh Mobility In_{1â€“x}Sn_xSe Phototransistor. ACS Applied Materials & Interfaces, 2019, 11, 24269-24278.	4.0	17
15	Transparent, Wearable, Broadband, and Highly Sensitive Upconversion Nanoparticles and Graphene-Based Hybrid Photodetectors. ACS Photonics, 2018, 5, 2336-2347.	3.2	59
16	Trapped Photons Induced Ultrahigh External Quantum Efficiency and Photoresponsivity in Hybrid Graphene/Metalâ€Organic Framework Broadband Wearable Photodetectors. Advanced Functional Materials, 2018, 28, 1804802.	7.8	59
17	Ultra-high performance flexible piezopotential gated In_{1âˆ’x}Sn_xSe phototransistor. Nanoscale, 2018, 10, 18642-18650.	2.8	13