

# Xiao-Jian She

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6717785/publications.pdf>

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14  
papers

1,208  
citations

623734

14  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2439  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficiency perovskite/polymer bulk heterostructure light-emitting diodes. <i>Nature Photonics</i> , 2018, 12, 783-789.	31.4	715
2	A solvent-based surface cleaning and passivation technique for suppressing ionic defects in high-mobility perovskite field-effect transistors. <i>Nature Electronics</i> , 2020, 3, 694-703.	26.0	99
3	A Vertical Organic Transistor Architecture for Fast Nonvolatile Memory. <i>Advanced Materials</i> , 2017, 29, 1604769.	21.0	66
4	Morphology control of tunneling dielectric towards high-performance organic field-effect transistor nonvolatile memory. <i>Organic Electronics</i> , 2012, 13, 1908-1915.	2.6	47
5	In Situ Atmospheric Deposition of Ultrasmooth Nickel Oxide for Efficient Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41849-41854.	8.0	47
6	Photon-energy-dependent light effects in organic nano-floating-gate nonvolatile memories. <i>Organic Electronics</i> , 2014, 15, 2486-2491.	2.6	43
7	Organic field-effect transistor nonvolatile memories based on hybrid nano-floating-gate. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	39
8	Operational stability enhancement of low-voltage organic field-effect transistors based on bilayer polymer dielectrics. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	30
9	Origin of bias stress induced instability of contact resistance in organic thin film transistors. <i>Organic Electronics</i> , 2011, 12, 823-826.	2.6	25
10	Spatial profile of charge storage in organic field-effect transistor nonvolatile memory using polymer electret. <i>Applied Physics Letters</i> , 2013, 103, 143302.	3.3	22
11	Surface roughening evolution in pentacene thin film growth. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	21
12	Organic field-effect transistor nonvolatile memories utilizing sputtered C nanoparticles as nano-floating-gate. <i>Applied Physics Letters</i> , 2014, 105, 163302.	3.3	20
13	Low-power organic field-effect transistors and complementary inverter based on low-temperature processed Al <sub>2</sub> O <sub>3</sub> dielectric. <i>Organic Electronics</i> , 2016, 34, 118-123.	2.6	18
14	Elucidation of ambient gas effects in organic nano-floating-gate nonvolatile memory. <i>Applied Physics Letters</i> , 2013, 102, 053303.	3.3	16