

# Rui Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8302516/publications.pdf>

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9  
papers

192  
citations

1163117

8  
h-index

1474206

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9  
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9  
docs citations

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times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Luminescent and Stable Green Quasi-2D Perovskite-Embedded Polymer Sheets by Inkjet Printing. <i>Advanced Functional Materials</i> , 2020, 30, 1910817.	14.9	58
2	Enhanced hole injection assisted by electric dipoles for efficient perovskite light-emitting diodes. <i>Communications Materials</i> , 2020, 1, .	6.9	33
3	Improving blue quantum dot light-emitting diodes by a lithium fluoride interfacial layer. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	32
4	Low reabsorption and stability enhanced luminescent solar concentrators based on silica encapsulated quantum rods. <i>Solar Energy Materials and Solar Cells</i> , 2020, 206, 110321.	6.2	17
5	Structural phase transitions and photoluminescence mechanism in a layer of 3D hybrid perovskite nanocrystals. <i>AIP Advances</i> , 2020, 10, .	1.3	14
6	Observing dynamic and static Rashba effects in a thin layer of 3D hybrid perovskite nanocrystals using transient absorption spectroscopy. <i>AIP Advances</i> , 2020, 10, .	1.3	13
7	Perovskite Light-Emitting Diodes Based on $\text{FAPb}_{1-x}\text{Sn}_x\text{Br}_3$ Nanocrystals Synthesized at Room Temperature. <i>IEEE Nanotechnology Magazine</i> , 2019, 18, 1050-1056.	2.0	12
8	Formamidinium-Based Quasi-2D Perovskite Nanoplates With Dimensionally Tuned Optical Properties. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 1165-1170.	2.0	8
9	Fabrication of Highly Efficient Perovskite Nanocrystal Light-Emitting Diodes via Inkjet Printing. <i>Micromachines</i> , 2022, 13, 983.	2.9	5