

Weichen Wang

List of Publications by Year in descending order

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8
papers

2,441
citations

1163117

8
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

3304
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Conjugated Polymer Chain Packing for Stretchable Semiconductors. <i>Advanced Materials</i> , 2022, 34, e2104747.	21.0	47
2	Topological supramolecular network enabled high-conductivity, stretchable organic bioelectronics. <i>Science</i> , 2022, 375, 1411-1417.	12.6	230
3	High-brightness all-polymer stretchable LED with charge-trapping dilution. <i>Nature</i> , 2022, 603, 624-630.	27.8	170
4	Strain-insensitive intrinsically stretchable transistors and circuits. <i>Nature Electronics</i> , 2021, 4, 143-150.	26.0	170
5	A design strategy for high mobility stretchable polymer semiconductors. <i>Nature Communications</i> , 2021, 12, 3572.	12.8	94
6	A Design Strategy for Intrinsically Stretchable High-Performance Polymer Semiconductors: Incorporating Conjugated Rigid Fused-Rings with Bulky Side Groups. <i>Journal of the American Chemical Society</i> , 2021, 143, 11679-11689.	13.7	65
7	A molecular design approach towards elastic and multifunctional polymer electronics. <i>Nature Communications</i> , 2021, 12, 5701.	12.8	75
8	Skin electronics from scalable fabrication of an intrinsically stretchable transistor array. <i>Nature</i> , 2018, 555, 83-88.	27.8	1,588