

# Liang-Wen Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7515614/publications.pdf>

Version: 2024-02-01

9  
papers

440  
citations

1163117  
8  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Merging of Nonfullerene Acceptor $\pi$ -Extension and Tetrafluorination Strategies Affords Polymer Solar Cells with $>16\%$ Efficiency. <i>Journal of the American Chemical Society</i> , 2021, 143, 6123-6139.	13.7	125
2	High-Efficiency All-Polymer Solar Cells with Poly-Small-Molecule Acceptors Having $\pi$ -Extended Units with Broad Near-IR Absorption. <i>ACS Energy Letters</i> , 2021, 6, 728-738.	17.4	74
3	Non-fullerene acceptors with direct and indirect hexa-fluorination afford $>17\%$ efficiency in polymer solar cells. <i>Energy and Environmental Science</i> , 2022, 15, 645-659.	30.8	65
4	Readily Accessible Benzo[d]thiazole Polymers for Nonfullerene Solar Cells with $>16\%$ Efficiency and Potential Pitfalls. <i>ACS Energy Letters</i> , 2020, 5, 1780-1787.	17.4	58
5	Hole (donor) and electron (acceptor) transporting organic semiconductors for bulk-heterojunction solar cells. <i>EnergyChem</i> , 2020, 2, 100042.	19.1	55
6	Mixed-flow design for microfluidic printing of two-component polymer semiconductor systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17551-17557.	7.1	24
7	Foundry-compatible high-resolution patterning of vertically phase-separated semiconducting films for ultraflexible organic electronics. <i>Nature Communications</i> , 2021, 12, 4937.	12.8	19
8	Molecular Encapsulation of Naphthalene Diimide (NDI) Based $\pi$ -Conjugated Polymers: A Tool for Understanding Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25005-25012.	13.8	18
9	Molecular Encapsulation of Naphthalene Diimide (NDI) Based $\pi$ -Conjugated Polymers: A Tool for Understanding Photoluminescence. <i>Angewandte Chemie</i> , 0, , .	2.0	2