

Liang Xu

List of Publications by Year in descending order

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13
papers

1,355
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphdiyne and graphyne: from theoretical predictions to practical construction. <i>Chemical Society Reviews</i> , 2014, 43, 2572.	38.1	935
2	Recent progress in efficient organic two-photon dyes for fluorescence imaging and photodynamic therapy. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6342-6349.	5.5	102
3	4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9191-9196.	5.5	93
4	The design strategies and applications for organic multi-branched two-photon absorption chromophores with novel cores and branches: a recent review. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1520-1536.	5.5	44
5	Discovery of and insights into one-photon and two-photon excited ACQ-to-AIE conversion <i>via</i> positional isomerization. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11679-11689.	5.5	29
6	Novel low-cost, high-energy-density ($>700 \text{ Wh kg}^{-1}$) Li-rich organic cathodes for Li-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 415, 128509.	12.7	29
7	D-A dyad and D-A-D triad incorporating triphenylamine, benzanthrone and perylene diimide: Synthesis, electrochemical, linear and nonlinear optical properties. <i>Chemical Physics Letters</i> , 2017, 682, 133-139.	2.6	25
8	Perylenediimide-Benzanthrone Dyad: Organic Chromophores with Enhanced Third-Order Nonlinear Optical Activities. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2495-2500.	2.4	23
9	Nonlinear optics of graphdiyne. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6413-6428.	5.9	20
10	Insoluble small-molecule organic cathodes for highly efficient pure-organic Li-ion batteries. <i>Green Chemistry</i> , 2021, 23, 6090-6100.	9.0	19
11	Simultaneously enhancing aggregation-induced emission and boosting two-photon absorption of perylene diimides through regioisomerization. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7039-7048.	5.5	18
12	Substituent Modulation for Highly Bright 9-Borafluorene Derivatives with Carbazole Pendant. <i>Organic Letters</i> , 2021, 23, 7236-7241.	4.6	9
13	Methylpiperazine based OD chiral hybrid lead halides for second harmonic generation. <i>Dalton Transactions</i> , 2022, 51, 7248-7254.	3.3	9