

# Craig P Yu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nitrogen-Containing Perylene Diimides: Molecular Design, Robust Aggregated Structures, and Advances in n-Type Organic Semiconductors. <i>Accounts of Chemical Research</i> , 2022, 55, 660-672.	15.6	38
2	Mixed-Orbital Charge Transport in N-Shaped Benzene- and Pyrazine-Fused Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2022, 144, 11159-11167.	13.7	14
3	Role of Perfluorophenyl Group in the Side Chain of Small-Molecule n-Type Organic Semiconductors in Stress Stability of Single-Crystal Transistors. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2095-2101.	4.6	10
4	Approaching isotropic charge transport of n-type organic semiconductors with bulky substituents. <i>Communications Chemistry</i> , 2021, 4, .	4.5	10
5	Effect of Electronically Distinct Aromatic Substituents on the Molecular Assembly and Hole Transport of V-Shaped Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17503-17511.	3.1	1
6	Alkyl-Substituted Selenium-Bridged V-Shaped Organic Semiconductors Exhibiting High Hole Mobility and Unusual Aggregation Behavior. <i>Journal of the American Chemical Society</i> , 2020, 142, 14974-14984.	13.7	25
7	Bent-Shaped p-Type Small-Molecule Organic Semiconductors: A Molecular Design Strategy for Next-Generation Practical Applications. <i>Journal of the American Chemical Society</i> , 2020, 142, 9083-9096.	13.7	108
8	Intramolecular charge transfer and solvation dynamics of push-pull dyes with different $\pi$ -conjugated linkers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17323-17331.	2.8	30
9	Air-Stable Benzo[c]thiophene Diimide n-Type $\pi$ -Electron Core. <i>Organic Letters</i> , 2019, 21, 4448-4453.	4.6	23
10	Reactivity of Ala-Gly dipeptide with $\beta$ -turn secondary structure. <i>Chemical Physics Letters</i> , 2018, 692, 402-406.	2.6	6
11	Pulling with the Pentafluorosulfanyl Acceptor in Push-Pull Dyes. <i>Journal of Organic Chemistry</i> , 2017, 82, 11008-11020.	3.2	43
12	Sultam-Based Hetero[5]helicene: Synthesis, Structure, and Crystallization-Induced Emission Enhancement. <i>ACS Omega</i> , 2016, 1, 1336-1342.	3.5	21