

# Xiao-Yang Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8832125/publications.pdf>

Version: 2024-02-01

24  
papers

868  
citations

516710

16  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd-Catalyzed, <i>ortho</i> C-H Methylation and Fluorination of Benzaldehydes Using Orthoamino Acids as Transient Directing Groups. <i>Journal of the American Chemical Society</i> , 2018, 140, 2789-2792.	13.7	129
2	Synthesis of Fluorenones from Benzaldehydes and Aryl Iodides: Dual C-H Functionalizations Using a Transient Directing Group. <i>Organic Letters</i> , 2017, 19, 1140-1143.	4.6	100
3	Pd-Catalyzed <i>Ortho</i> C-H Hydroxylation of Benzaldehydes Using a Transient Directing Group. <i>Organic Letters</i> , 2017, 19, 6280-6283.	4.6	83
4	Two-photon excited deep-red and near-infrared emissive organic co-crystals. <i>Nature Communications</i> , 2020, 11, 4633.	12.8	82
5	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 16849-16860.	13.7	52
6	Electron-catalysed molecular recognition. <i>Nature</i> , 2022, 603, 265-270.	27.8	51
7	A Donor-Acceptor [2]Catenane for Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 8000-8010.	13.7	47
8	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. <i>Journal of the American Chemical Society</i> , 2021, 143, 2886-2895.	13.7	43
9	Weak bonding strategies for achieving regio- and site-selective transformations. <i>Chem</i> , 2022, 8, 414-438.	11.7	39
10	Selective Photodimerization in a Cyclodextrin Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 9129-9139.	13.7	34
11	Ir-catalyzed <i>ortho</i> C-H alkylations of (hetero)aromatic aldehydes using alkyl boron reagents. <i>Chemical Science</i> , 2018, 9, 8951-8956.	7.4	33
12	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17587-17594.	13.8	30
13	FMPHos: Expanding the Catalytic Capacity of Small-Bite-Angle Bisphosphine Ligands in Regioselective Alkene Hydrofunctionalizations. <i>ACS Catalysis</i> , 2020, 10, 14349-14358.	11.2	25
14	Electron-Catalyzed Dehydrogenation in a Single-Molecule Junction. <i>Journal of the American Chemical Society</i> , 2021, 143, 8476-8487.	13.7	25
15	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. <i>Journal of the American Chemical Society</i> , 2021, 143, 15688-15700.	13.7	23
16	Suit[3]ane. <i>Journal of the American Chemical Society</i> , 2020, 142, 20152-20160.	13.7	20
17	A contorted nanographene shelter. <i>Nature Communications</i> , 2021, 12, 5191.	12.8	12
18	Syntheses of three-dimensional catenanes under kinetic control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118573119.	7.1	12

#	ARTICLE	IF	CITATIONS
19	Radically Enhanced Dual Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25454-25462.	13.8	10
20	A Stereocontrolled Annulation of the Taccalonolide Epoxy Lactone onto the Molecular Framework of <i>trans</i> -Androsterone. <i>Organic Letters</i> , 2017, 19, 4892-4895.	4.6	7
21	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie</i> , 2021, 133, 17728-17735.	2.0	5
22	Radically Enhanced Dual Recognition. <i>Angewandte Chemie</i> , 0, , .	2.0	4
23	Hybrid Assembled Colloids with Controllable Core-Satellite Structure for pH-Responsive Nanocarriers. <i>ACS Applied Nano Materials</i> , 2022, 5, 13854-13861.	5.0	2
24	Innenr¼cktitelbild: Radically Enhanced Dual Recognition ( <i>Angew. Chem.</i> 48/2021). <i>Angewandte Chemie</i> , 2021, 133, 25787-25787.	2.0	0