

Tristan Tsai Yuan Tan

List of Publications by Year in descending order

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30
papers

1,633
citations

430874

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477307

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30
times ranked

2517
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Metal-Organic Framework with Wide Channels and Responsive Turn-On Fluorescence for the Chemical Sensing of Volatile Organic Compounds. <i>Journal of the American Chemical Society</i> , 2014, 136, 7241-7244.	13.7	593
2	Turn-On Fluorescence in Tetra-NHC Ligands by Rigidification through Metal Complexation: An Alternative to Aggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2785-2789.	13.8	136
3	Superhydrophobic fluorinated POSS-PVDF-HFP nanocomposite coating on glass by electrospinning. <i>Journal of Materials Chemistry</i> , 2012, 22, 18479.	6.7	122
4	Template Synthesis of Three-Dimensional Hexakisimidazolium Cages. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5161-5165.	13.8	115
5	Tris(imidazolin-2-ylideneamino)phosphine: A Crystalline Phosphorus(III) Superbase That Splits Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2017, 23, 5929-5933.	3.3	75
6	High-Fidelity, Narcissistic Self-Sorting in the Synthesis of Organometallic Assemblies from Poly-NHC Ligands. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7393-7397.	13.8	58
7	Motorized Janus metal organic framework crystals. <i>Chemical Communications</i> , 2014, 50, 15175-15178.	4.1	54
8	Photoresponsive Liquid Marbles and Dry Water. <i>Langmuir</i> , 2014, 30, 3448-3454.	3.5	45
9	Synthesis of Complexes with Abnormal σ -Protic-N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13811-13815.	13.8	43
10	$\text{Ir}^{\text{III}}/\text{Au}^{\text{I}}$ and $\text{Rh}^{\text{III}}/\text{Au}^{\text{I}}$ Heterobimetallic Complexes as Catalysts for the Coupling of Nitrobenzene and Benzylic Alcohol. <i>Organometallics</i> , 2018, 37, 4092-4099.	2.3	39
11	Templatsynthese dreidimensionaler Hexakisimidazolium-Käfige. <i>Angewandte Chemie</i> , 2018, 130, 5256-5261.	2.0	37
12	Supergluing MOF liquid marbles. <i>Chemical Communications</i> , 2013, 49, 493-495.	4.1	36
13	Einschaltbare Fluoreszenz in Tetra-NHC-Liganden durch Versteifung bei der Komplexbildung: eine Alternative zu aggregationsinduzierter Emission. <i>Angewandte Chemie</i> , 2017, 129, 2829-2833.	2.0	36
14	Tuning Omniphobicity via Morphological Control of Metal-Organic Framework Functionalized Surfaces. <i>Journal of the American Chemical Society</i> , 2013, 135, 16272-16275.	13.7	33
15	Preparation of Rhodium(III) Di-NHC Chelate Complexes Featuring Two Different NHC Donors via a Mild NaOAc-Assisted C-H Activation. <i>Organometallics</i> , 2016, 35, 410-419.	2.3	29
16	Synthesis and Catalytic Applications of Heterobimetallic Carbene Complexes Obtained via Sequential Metalation of Two Bisazolium Salts. <i>Organometallics</i> , 2019, 38, 2120-2131.	2.3	27
17	Site-selective metallation of dicarbene precursors. <i>Chemical Communications</i> , 2018, 54, 12887-12890.	4.1	23
18	Selective C8-Metalation of Purine Nucleosides via Oxidative Addition. <i>Organometallics</i> , 2018, 37, 4181-4185.	2.3	21

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19	Selektive, narzisstische Selbstsortierung bei der Synthese von metallorganischen Strukturen mit Polyâ€NHCâ€Liganden. <i>Angewandte Chemie</i> , 2017, 129, 7499-7503.	2.0	19
20	Donor Strength Determination of Benzoxazolin-2-ylidene, Benzobisoxazolin-2-ylidene, and Their Isocyanide Precursors by ¹³ C NMR Spectroscopy of Their Pd ^{II} and Au ^I Complexes. <i>Organometallics</i> , 2017, 36, 275-284.	2.3	18
21	Metal-Organic Framework superstructures with long-ranged orientational order via E-field assisted liquid crystal assembly. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 1027-1034.	9.4	18
22	Synthesis of Iron(0) Complexes Bearing Protic NHC Ligands: Synthesis and Catalytic Activity. <i>Organometallics</i> , 2019, 38, 2417-2421.	2.3	13
23	Synthesis of Iridium(III) and Rhodium(III) Complexes Bearing C8-Metalated Theophylline Ligands by Directed Câ€H Activation. <i>Organometallics</i> , 2019, 38, 2250-2258.	2.3	10
24	Synthesis of RhIII and IrIII Complexes Bearing Chelating Di-NHC Ligands Obtained from N9-Imidazolium-Substituted Adenine. <i>Organometallics</i> , 2020, 39, 344-352.	2.3	8
25	Synthesis and Reactivity of IrIII Complexes Bearing C-Metalated Pyrazolato Ligands. <i>Organometallics</i> , 2019, 38, 567-574.	2.3	7
26	Templateâ€Controlled Synthesis of Polyimidazolium Salts by Multiple [2+2] Cycloaddition Reactions. <i>Chemistry - A European Journal</i> , 2020, 26, 11565-11570.	3.3	7
27	Imidazole-stabilized, electron-deficient boron cations. <i>Dalton Transactions</i> , 2017, 46, 16404-16407.	3.3	5
28	Synthesis of Heterobimetallic Complexes by Coordination of Rhodium(III) and Iridium(III) Poly-N,O-NHC Complexes to Silver(I), Copper(II), and Zinc(II). <i>Organometallics</i> , 2018, 37, 1801-1812.	2.3	5
29	Homo- and Heterodinuclear Head-to-Head or Head-to-Tail Complexes of Rhodium(I) and Iridium(I) with C ² ,N ³ or C ⁸ ,N ⁹ Bridging Azolato Ligands. <i>Organometallics</i> , 2019, 38, 1982-1990.	2.3	1
30	Reactivity of Diamines in Acyclic Diamino Carbene Gold Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7448-7458.	4.0	0