Wai-Lung Cheung

List of Publications by Year
in descending order

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16	276	1040056	940533
papers	citations	9	16
		h-index	g-index

16	16	16	257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermally Stimulated Delayed Phosphorescence (TSDP)-Based Gold(III) Complexes of Tridentate Pyrazine-Containing Pincer Ligand with Wide Emission Color Tunability and Their Application in Organic Light-Emitting Devices. Journal of the American Chemical Society, 2020, 142, 2448-2459.	13.7	46
2	Highly luminescent phosphine oxide-containing bipolar alkynylgold(<scp>iii</scp>) complexes for solution-processable organic light-emitting devices with small efficiency roll-offs. Chemical Science, 2018, 9, 6228-6232.	7.4	34
3	Isomeric Tetradentate Ligand-Containing Cyclometalated Gold(III) Complexes. Journal of the American Chemical Society, 2020, 142, 520-529.	13.7	33
4	Design Strategy Towards Horizontally Oriented Luminescent Tetradentateâ€Ligandâ€Containing Gold(III) Systems. Angewandte Chemie - International Edition, 2020, 59, 21023-21031.	13.8	27
5	Rational molecular design for realizing high performance sky-blue-emitting gold(<scp>iii</scp>) complexes with monoaryl auxiliary ligands and their applications for both solution-processable and vacuum-deposited organic light-emitting devices. Chemical Science, 2019, 10, 594-605.	7.4	26
6	Judicious Choice of Nâ€Heterocycles for the Realization of Skyâ€Blueâ€•to Greenâ€Emitting Carbazolylgold(III) C^C^N Complexes and Their Applications for Organic Lightâ€Emitting Devices. Angewandte Chemie - International Edition, 2020, 59, 9684-9692.	13.8	23
7	Rational Design Strategy for the Realization of Red- to Near-Infrared-Emitting Alkynylgold(III) Complexes and Their Applications in Solution-Processable Organic Light-Emitting Devices. Chemistry of Materials, 2019, 31, 6706-6714.	6.7	20
8	Highly efficient carbazolylgold(<scp>iii</scp>) dendrimers based on thermally activated delayed fluorescence and their application in solution-processed organic light-emitting devices. Chemical Science, 2021, 12, 14833-14844.	7.4	14
9	Molecular design of efficient yellow- to red-emissive alkynylgold(<scp>iii</scp>) complexes for the realization of thermally activated delayed fluorescence (TADF) and their applications in solution-processed organic light-emitting devices. Chemical Science, 2021, 12, 9516-9527.	7.4	13
10	Design and synthesis of yellow- to red-emitting gold(<scp>iii</scp>) complexes containing isomeric thienopyridine and thienoquinoline moieties and their applications in operationally stable organic light-emitting devices. Materials Horizons, 2022, 9, 281-293.	12.2	12
11	Green-emitting dendritic alkynylgold(<scp>iii</scp>) complexes with excellent film morphologies for applications in solution-processable organic light-emitting devices. Chemical Communications, 2019, 55, 13844-13847.	4.1	7
12	High performance gold(<scp>iii</scp>)-based white organic light-emitting devices with extremely small efficiency roll-off. Journal of Materials Chemistry C, 2019, 7, 8457-8464.	5.5	6
13	Judicious Choice of Nâ€Heterocycles for the Realization of Skyâ€Blueâ€•to Greenâ€Emitting Carbazolylgold(III) C^C^N Complexes and Their Applications for Organic Lightâ€Emitting Devices. Angewandte Chemie, 2020, 132, 9771-9779.	2.0	6
14	Design Strategy Towards Horizontally Oriented Luminescent Tetradentateâ€Ligandâ€Containing Gold(III) Systems. Angewandte Chemie, 2020, 132, 21209-21217.	2.0	4
15	Incorporation of Fluorene and Its Heterocyclic Spiro Derivatives To Realize High-Performance and Stable Sky-Blue-Emitting Arylgold(III) Complexes. ACS Applied Materials & Interfaces, 2021, 13, 57673-57683.	8.0	3
16	Solution-processable cyclometalated gold(III) complexes for high-brightness phosphorescent white organic light-emitting devices. Journal of Materials Science, 2020, 55, 9686-9694.	3.7	2