

Wai-Lung Cheung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5324036/publications.pdf>

Version: 2024-02-01

16
papers

276
citations

1040056

9
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

257
citing authors

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