

# Maggie Ng

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,804  
citations

257450

24  
h-index

276875

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of yellow- to red-emitting gold( $\text{I}$ ) 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	Photocontrolled multiple-state photochromic benzo[ <i>b</i> ]phosphole thieno[3,2- <i>b</i> ]phosphole-containing alkyngold( $\text{I}$ ) complex via selective light irradiation. <i>Nature Communications</i> , 2022, 13, 33.	12.8	20
3	Elucidation of the key role of Pt- $\pi$ -Pt interactions in the directional self-assembly of platinum( $\text{II}$ ) complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2116543119.	7.1	26
4	Low Efficiency Roll-Off Blue Phosphorescent OLEDs at High Brightness Based on [3+2+1]Coordinated Iridium ( $\text{III}$ ) Complexes. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	10
5	Solvent-Dependent Supramolecular Host-Guest Assemblies of Platinum( $\text{II}$ ) Tweezers and a Guest System: From Discrete Molecules to High-Ordered Oligomers. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
6	Solvent-Dependent Supramolecular Host-Guest Assemblies of Platinum( $\text{II}$ ) Tweezers and a Guest System: From Discrete Molecules to High-Ordered Oligomers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
7	Platinum( $\text{II}$ )-Based Host-Guest Coordination-Driven Supramolecular Co-Assembly Assisted by Pt- $\pi$ -Pt and $\pi$ - $\pi$ Stacking Interactions: A Dual-Selective Luminescence Sensor for Cations and Anions. <i>Journal of the American Chemical Society</i> , 2021, 143, 973-982.	13.7	51
8	Synthesis and characterization of photochromic triethylene glycol-containing spiropyran and their assembly in solution. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3047-3058.	4.5	7
9	Molecular design of efficient yellow- to red-emissive alkyngold( $\text{I}$ ) 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
10	Highly efficient carbazolylgold( $\text{I}$ ) 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
11	Stimuli-Responsive and Structure-Adaptive Three-Dimensional Gold( $\text{I}$ ) Cluster Cages Constructed via $\pi$ -De-aurophilic-Interaction Strategy. <i>Journal of the American Chemical Society</i> , 2021, 143, 19008-19017.	13.7	24
12	Incorporation of Fluorene and Its Heterocyclic Spiro Derivatives To Realize High-Performance and Stable Sky-Blue-Emitting Arylgold( $\text{III}$ ) Complexes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 57673-57683.	8.0	3
13	Isomeric Tetradentate Ligand-Containing Cyclometalated Gold( $\text{III}$ ) Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 520-529.	13.7	33
14	Multiple-Color Platinum Complex with Super-Large Stokes Shift for Super-Resolution Imaging of Autolysosome Escape. <i>Angewandte Chemie</i> , 2020, 132, 19391-19398.	2.0	14
15	Multiple-Color Platinum Complex with Super-Large Stokes Shift for Super-Resolution Imaging of Autolysosome Escape. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19229-19236.	13.8	59
16	Design Strategy Towards Horizontally Oriented Luminescent Tetradentate-Ligand-Containing Gold( $\text{III}$ ) Systems. <i>Angewandte Chemie</i> , 2020, 132, 21209-21217.	2.0	4
17	Design Strategy Towards Horizontally Oriented Luminescent Tetradentate-Ligand-Containing Gold( $\text{III}$ ) Systems. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21023-21031.	13.8	27
18	Synthesis and photoswitchable amphiphilicity and self-assembly properties of photochromic spiropyran derivatives. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13676-13685.	5.5	32

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19	Judicious Choice of N-Heterocycles for the Realization of Sky-Blue-to Green-Emitting Carbazolylgold(III) C <sup>+</sup> C <sup>-</sup> N Complexes and Their Applications for Organic Light-Emitting Devices. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9684-9692.	13.8	23
20	Photoresponsive Dithienylethene-Containing Tris(8-hydroxyquinolino)aluminum(III) Complexes with Photocontrollable Electron-Transporting Properties for Solution-Processable Optical and Organic Resistive Memory Devices. <i>Journal of the American Chemical Society</i> , 2020, 142, 12193-12206.	13.7	42
21	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
22	A BODIPY-based fluorescent sensor for the detection of Pt <sup>2+</sup> and Pt drugs. <i>Chemical Communications</i> , 2020, 56, 2695-2698.	4.1	34
23	Judicious Choice of N-Heterocycles for the Realization of Sky-Blue-to Green-Emitting Carbazolylgold(III) C <sup>+</sup> C <sup>-</sup> N Complexes and Their Applications for Organic Light-Emitting Devices. <i>Angewandte Chemie</i> , 2020, 132, 9771-9779.	2.0	6
24	Toward the Design of Phosphorescent Emitters of Cyclometalated Earth-Abundant Nickel(II) and Their Supramolecular Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 7638-7646.	13.7	51
25	Photochromic Benzo[ <i>b</i> ]phosphole Alkynylgold(I) Complexes with Mechanochromic Property to Serve as Multistimuli-Responsive Materials. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3027-3031.	13.8	91
26	Photochromic Benzo[ <i>b</i> ]phosphole Alkynylgold(I) Complexes with Mechanochromic Property to Serve as Multistimuli-Responsive Materials. <i>Angewandte Chemie</i> , 2019, 131, 3059-3063.	2.0	16
27	Ligand Mediated Luminescence Enhancement in Cyclometalated Rhodium(III) Complexes and Their Applications in Efficient Organic Light-Emitting Devices. <i>Journal of the American Chemical Society</i> , 2019, 141, 12863-12871.	13.7	51
28	Synthesis, Characterization, and Photochromic Studies of Cyclometalated Iridium(III) Complexes Containing a Spiro-naphthoxazine Moiety. <i>Organometallics</i> , 2019, 38, 3542-3552.	2.3	14
29	Strategies towards rational design of gold(III) complexes for high-performance organic light-emitting devices. <i>Nature Photonics</i> , 2019, 13, 185-191.	31.4	118
30	A platinum(II) molecular hinge with motions visualized by phosphorescence changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13856-13861.	7.1	43
31	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
32	Four-Coordinate Boron Emitters with Tridentate Chelating Ligand for Efficient and Stable Thermally Activated Delayed Fluorescence Organic Light-Emitting Devices. <i>Angewandte Chemie</i> , 2019, 131, 9186-9192.	2.0	12
33	Four-Coordinate Boron Emitters with Tridentate Chelating Ligand for Efficient and Stable Thermally Activated Delayed Fluorescence Organic Light-Emitting Devices. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9088-9094.	13.8	84
34	Multiresponsive Luminescent Cationic Cyclometalated Gold(III) Amphiphiles and Their Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 19466-19478.	13.7	31
35	Highly Emissive Fused Heterocyclic Alkynylgold(III) Complexes for Multiple Color Emission Spanning from Green to Red for Solution-Processable Organic Light-Emitting Devices. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5463-5466.	13.8	44
36	Highly Emissive Fused Heterocyclic Alkynylgold(III) Complexes for Multiple Color Emission Spanning from Green to Red for Solution-Processable Organic Light-Emitting Devices. <i>Angewandte Chemie</i> , 2018, 130, 5561-5564.	2.0	10

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37	Realization of Thermally Stimulated Delayed Phosphorescence in Arylgold(III) Complexes and Efficient Gold(III) Based Blue-Emitting Organic Light-Emitting Devices. <i>Journal of the American Chemical Society</i> , 2018, 140, 13115-13124.	13.7	84
38	Platinum(II)-Based Supramolecular Scaffold-Templated Side-by-Side Assembly of Gold Nanorods through Pt...Pt and Ir-Ir Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15797-15801.	13.8	18
39	Platinum(II)-Based Supramolecular Scaffold-Templated Side-by-Side Assembly of Gold Nanorods through Pt...Pt and Ir-Ir Interactions. <i>Angewandte Chemie</i> , 2018, 130, 16023-16027.	2.0	2
40	Versatile Control of Directed Supramolecular Assembly via Subtle Changes of the Rhodium(I) Pincer Building Blocks. <i>Journal of the American Chemical Society</i> , 2018, 140, 8321-8329.	13.7	22
41	Solvent-Induced and Temperature-Promoted Aggregation of Bipyridine Platinum(II) Triangular Metallacycles and Their Near-Infrared Emissive Behaviors. <i>Chemistry - A European Journal</i> , 2018, 24, 11611-11618.	3.3	20
42	Switching of Resistive Memory Behavior from Binary to Ternary Logic via Alteration of Substituent Positioning on the Subphthalocyanine Core. <i>Journal of the American Chemical Society</i> , 2017, 139, 7256-7263.	13.7	58
43	Strategy for the Realization of Efficient Solution-Processable Phosphorescent Organic Light-Emitting Devices: Design and Synthesis of Bipolar Alkynylplatinum(II) Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 6351-6362.	13.7	73
44	Synthesis of Luminescent Platinum(II) 2,6-Bis( <i>N</i> -dodecylbenzimidazol-2-yl)pyridine Foldamers and Their Supramolecular Assembly and Metallogel Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 8639-8645.	13.7	91
45	Manipulation of Push-Pull System by Functionalization of Porphyrin at Position for High-Performance Solution-Processable Ternary Resistive Memory Devices. <i>ChemNanoMat</i> , 2017, 3, 164-167.	2.8	15
46	Construction of Discrete Pentanuclear Platinum(II) Stacks with Extended Metal-Metal Interactions by Using Phosphorescent Platinum(II) Tweezers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15103-15107.	13.8	42
47	Photochromic Heterocycle-Fused Thieno[3,2- <i>b</i> ]phosphole Oxides as Visible Light Switches without Sacrificing Photoswitching Efficiency. <i>Journal of the American Chemical Society</i> , 2017, 139, 15142-15150.	13.7	81
48	Construction of Discrete Pentanuclear Platinum(II) Stacks with Extended Metal-Metal Interactions by Using Phosphorescent Platinum(II) Tweezers. <i>Angewandte Chemie</i> , 2017, 129, 15299-15303.	2.0	16
49	Synthesis and Characterization of Luminescent Cyclometalated Platinum(II) Complexes with Tunable Emissive Colors and Studies of Their Application in Organic Memories and Organic Light-Emitting Devices. <i>Journal of the American Chemical Society</i> , 2017, 139, 10750-10761.	13.7	110
50	Versatile Design Strategy for Highly Luminescent Vacuum-Evaporable and Solution-Processable Tridentate Gold(III) Complexes with Monoaryl Auxiliary Ligands and Their Applications for Phosphorescent Organic Light Emitting Devices. <i>Journal of the American Chemical Society</i> , 2017, 139, 9341-9349.	13.7	76