

# Irma Chacn

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

610  
papers

33,088  
citations

91  
h-index

145  
g-index

657  
ext. papers

35,361  
ext. citations

8.4  
avg, IF

7.81  
L-index

#	Paper	IF	Citations
610	Photocontrolled multiple-state photochromic benzo[b]phosphole thieno[3,2-b]phosphole-containing alkynylgold(I) complex via selective light irradiation.. <i>Nature Communications</i> , <b>2022</b> , 13, 33	17.4	4
609	Elucidation of the key role of Pt <sup>II</sup> Pt interactions in the directional self-assembly of platinum(II) complexes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2116543119	11.5	2
608	Photochromism of Coordination Compounds <b>2022</b> , 425-453		
607	Stimuli-Responsive and Structure-Adaptive Three-Dimensional Gold(I) Cluster Cages Constructed via "De-aurophilic" Interaction Strategy. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 19008-19017	16.4	7
606	Photo-modulated supramolecular self-assembly of -nitrobenzyl ester-based alkynylplatinum(II) 2,6-bis(-alkylbenzimidazol-2'-yl)pyridine complexes. <i>Chemical Communications</i> , <b>2021</b> ,	5.8	1
605	Incorporation of Fluorene and Its Heterocyclic Spiro Derivatives To Realize High-Performance and Stable Sky-Blue-Emitting Arylgold(III) Complexes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 57673-57683	9.5	5
604	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> , <b>2021</b> , 12, 14833-14844	9.4	2
603	Aggregation and Supramolecular Self-Assembly of Low-Energy Red Luminescent Alkynylplatinum(II) Complexes for RNA Detection, Nucleolus Imaging, and RNA Synthesis Inhibitor Screening. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 5396-5405	16.4	20
602	Molecular Design of Luminescent Gold(III) Emitters as Thermally Evaporable and Solution-Processable Organic Light-Emitting Device (OLED) Materials. <i>Chemical Reviews</i> , <b>2021</b> , 121, 7249-7279	68.1	26
601	One-Pot Synthesis of Boron-Doped Polycyclic Aromatic Hydrocarbons via 1,4-Boron Migration. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2833-2838	16.4	10
600	Platinum(II)-Based Host-Guest Coordination-Driven Supramolecular Co-Assembly Assisted by Pt <sup>II</sup> Pt and $\pi$ -Stacking Interactions: A Dual-Selective Luminescence Sensor for Cations and Anions. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 973-982	16.4	22
599	Synthesis and characterization of photochromic triethylene glycol-containing spiropyran and their assembly in solution. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 3047-3058	5.2	2
598	Dinuclear anthracene-containing alkynylplatinum(II) terpyridine complexes with photo-modulated self-assembly behaviors. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 2409-2415	7.8	4
597	Dual Emissive Gold(I)-Sulfido Cluster Framework Capable of Benzene-Cyclohexane Separation in the Solid State Accompanied by Luminescence Color Changes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 2558-2566	16.4	12
596	Geometrical manipulation of complex supramolecular tessellations by hierarchical assembly of amphiphilic platinum(II) complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
595	Realization of Distinct Mechano- and Piezochromic Behaviors Alkoxy Chain Length-Modulated Phosphorescent Properties and Multidimensional Self-Assembly Structures of Dinuclear Platinum(II) Complexes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 10659-10667	16.4	8
594	Substituent-Mediated Transformation of Polynuclear Gold(I)-Sulfido Complexes Brom Pentanuclear to Octadecanuclear Cluster-to-Cluster Transformation. <i>CCS Chemistry</i> , <b>2021</b> , 3, 326-337	7.2	4

593	Synthesis of benzo[b]phosphole-based alkynylgold(I) complexes with resistive memory properties modulated by donor-acceptor chromophores. <i>SmartMat</i> , <b>2021</b> , 2, 406-418	22.8	1
592	Cyclometalated Platinum(II) Complexes with Donor-Acceptor-Containing Bidentate Ligands and Their Application Studies as Organic Resistive Memories. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3669-3676	4.5	1
591	Supramolecular Self-assembly of Amphiphilic Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2-yl)pyridine Complexes. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 1079	2.2	
590	Synthesis of luminescent phosphine-containing rigid-rod dinuclear alkynylgold(I) complexes and their X-Ray structural, photophysical, self-assembly and electroluminescence studies. <i>Polyhedron</i> , <b>2021</b> , 207, 115356	2.7	1
589	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> , <b>2021</b> ,	14.4	3
588	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> , <b>2021</b> , 12, 9516-9527	9.4	4
587	Phosphorescent Cyclometalated Platinum(II) Enantiomers with Circularly Polarized Luminescence Properties and Their Assembly Behaviors.. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 21676-21684	16.4	8
586	Design and Synthesis of Solution-Processable Donor-Acceptor Dithienophosphole Oxide Derivatives for Multilevel Organic Resistive Memories <b>2020</b> , 2, 1590-1597		4
585	Concentration- and Solvation-Induced Reversible Structural Transformation and Assembly of Polynuclear Gold(I) Sulfido Complexes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11560-11568	16.4	16
584	Synthesis and Photophysical Properties of T-Shaped Coinage-Metal Complexes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6993-6998	4.8	21
583	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> , <b>2020</b> , 59, 9684-9692	16.4	16
582	Platinum(II) non-covalent crosslinkers for supramolecular DNA hydrogels. <i>Chemical Science</i> , <b>2020</b> , 11, 3241-3249	9.4	9
581	Photoresponsive Dithienylethene-Containing Tris(8-hydroxyquinolinato)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> , <b>2020</b> , 142, 12193-12206	16.4	21
580	Platinum(II) Probes for Sensing Polyelectrolyte Lengths and Architectures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 8503-8512	9.5	7
579	Straightforward Preparation of a Solid-state Luminescent Cu <sup>11</sup> Polymetallic Assembly via Adaptive Coordination-driven Supramolecular Chemistry. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2020</b> , 646, 754-760	1.3	6
578	Versatile Phosphole Derivatives with Photovoltaic, Light-Emitting, and Resistive Memory Properties. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 3059-3070	6.1	6
577	Three-Dimensional Spirothienoquinoline-Based Small Molecules for Organic Photovoltaic and Organic Resistive Memory Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 11865-11875	9.5	2
576	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> , <b>2020</b> , 142, 2448-2459	16.4	27

575	A BODIPY-based fluorescent sensor for the detection of Pt <sup>2+</sup> and Pt drugs. <i>Chemical Communications</i> , <b>2020</b> , 56, 2695-2698	5.8	22
574	Solution-processable cyclometalated gold(III) complexes for high-brightness phosphorescent white organic light-emitting devices. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 9686-9694	4.3	1
573	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> , <b>2020</b> , 132, 9771-9779	3.6	6
572	Luminescent d8 metal complexes of platinum(II) and gold(III): From photophysics to photofunctional materials and probes. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 414, 213298	23.2	53
571	Toward the Design of Phosphorescent Emitters of Cyclometalated Earth-Abundant Nickel(II) and Their Supramolecular Study. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7638-7646	16.4	28
570	A diverse view of science to catalyse change: valuing diversity leads to scientific excellence, the progress of science and, most importantly, it is simply the right thing to do. We must value diversity not only in words, but also in actions. <i>Canadian Journal of Chemistry</i> , <b>2020</b> , 98, 597-600	0.9	1
569	Recent advances in supramolecular self-assembly and biological applications of luminescent alkynylplatinum(II) polypyridine complexes. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 2246-2252 <sup>1.5</sup>		0
568	Supramolecular assembly of bent dinuclear amphiphilic alkynylplatinum(ii) terpyridine complexes: diverse nanostructures through subtle tuning of the mode of molecular stacking. <i>Chemical Science</i> , <b>2020</b> , 11, 499-507	9.4	8
567	Intramolecular rearrangements guided by adaptive coordination-driven reactions toward highly luminescent polynuclear Cu(I) assemblies. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1334-1344	6.8	18
566	Isomeric Tetradentate Ligand-Containing Cyclometalated Gold(III) Complexes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 520-529	16.4	23
565	Precise Size-Selective Sieving of Nanoparticles Using a Highly Oriented Two-Dimensional Supramolecular Polymer. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4870-4875	3.6	
564	Precise Size-Selective Sieving of Nanoparticles Using a Highly Oriented Two-Dimensional Supramolecular Polymer. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4840-4845	16.4	9
563	Boron(III) β-diketonate-based small molecules for functional non-fullerene polymer solar cells and organic resistive memory devices. <i>Chemical Science</i> , <b>2020</b> , 11, 11601-11612	9.4	8
562	Charge-transfer processes in metal complexes enable luminescence and memory functions. <i>Nature Reviews Chemistry</i> , <b>2020</b> , 4, 528-541	34.6	49
561	Multiple-Color Platinum Complex with Super-Large Stokes Shift for Super-Resolution Imaging of Autolysosome Escape. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 19391-19398	3.6	6
560	Multiple-Color Platinum Complex with Super-Large Stokes Shift for Super-Resolution Imaging of Autolysosome Escape. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 19229-19236	16.4	23
559	Transition Metal Complexes as Photofunctional Materials From Photosensitization and Photochromism to Artificial Photosynthesis and Energy Applications <b>2020</b> , 2-2		1
558	Design Strategy Towards Horizontally Oriented Luminescent Tetradentate-Ligand-Containing Gold(III) Systems. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 21209-21217	3.6	3

557	Heterochiral Self-Discrimination-Driven Supramolecular Self-Assembly of Decanuclear Gold(I)-Sulfido Complexes into 2D Nanostructures with Chiral Anions-Tuned Morphologies. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 21163-21169	16.4	7
556	Design Strategy Towards Horizontally Oriented Luminescent Tetradentate-Ligand-Containing Gold(III) Systems. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 21023-21031	16.4	16
555	A diverse view of science to catalyse change. <i>Nature Chemistry</i> , <b>2020</b> , 12, 773-776	17.6	7
554	Synthesis and photoswitchable amphiphilicity and self-assembly properties of photochromic spirocyan derivatives. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 13676-13685	7.1	13
553	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18462-18466	3.6	0
552	Stimuli-Responsive Two-Dimensional Supramolecular Polymers Based on Trinuclear Platinum(II) Scaffolds: Reversible Modulation of Photoluminescence, Cavity Size, and Water Permeability. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16471-16478	16.4	15
551	Synthesis, Photophysical, Photochromic, and Photomodulated Resistive Memory Studies of Dithienylethene-Containing Copper(I) Diimine Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 14785-14795	5.1	2
550	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18306-18310	6.1	10
549	Heterochiral Self-Discrimination-Driven Supramolecular Self-Assembly of Decanuclear Gold(I)-Sulfido Complexes into 2D Nanostructures with Chiral Anions-Tuned Morphologies. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 21349-21355	3.6	0
548	Synthesis, Characterization, and Photochromic Studies of Cyclometalated Iridium(III) Complexes Containing a Spironaphthoxazine Moiety. <i>Organometallics</i> , <b>2019</b> , 38, 3542-3552	3.8	11
547	Strategies towards rational design of gold(III) complexes for high-performance organic light-emitting devices. <i>Nature Photonics</i> , <b>2019</b> , 13, 185-191	33.9	91
546	Design, luminescence and non-linear optical properties of truxene-containing alkynylplatinum(II) terpyridine complexes. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 488, 214-218	2.7	5
545	Aggregation and Tunable Color Emission Behaviors of L-Glutamine-Derived Platinum(II) Bipyridine Complexes by Hydrogen-Bonding, $\pi$ -Stacking and Metal-Metal Interactions. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5251-5258	4.8	22
544	A Luminescence Turn-On Assay for Acetylcholinesterase Activity and Inhibitor Screening Based on Supramolecular Self-Assembly of Alkynylplatinum(II) Complexes on Coordination Polymer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 4799-4808	9.5	29
543	High performance gold(III)-based white organic light-emitting devices with extremely small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 8457-8464	7.1	4
542	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> , <b>2019</b> , 116, 13856-13861	11.5	24
541	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> , <b>2019</b> , 31, 6706-6714	9.6	16
540	Four-Coordinate Boron Emitters with Tridentate Chelating Ligand for Efficient and Stable Thermally Activated Delayed Fluorescence Organic Light-Emitting Devices. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9186-9192	3.6	9

539	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> , <b>2019</b> , 58, 9088-9094	16.4	58
538	Calixarene-based alkynyl-bridged gold(I) isocyanide and phosphine complexes as building motifs for the construction of chemosensors and supramolecular architectures. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1205-1213	5.2	12
537	Photochromic Benzo[b]phosphole Alkynylgold(I) Complexes with Mechanochromic Property to Serve as Multistimuli-Responsive Materials. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 3027-3031	16.4	59
536	Photochromic Benzo[b]phosphole Alkynylgold(I) Complexes with Mechanochromic Property to Serve as Multistimuli-Responsive Materials. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3059-3063	3.6	11
535	A Gold Quartet Framework with Reversible Anisotropic Structural Transformation Accompanied by Luminescence Response. <i>CheM</i> , <b>2019</b> , 5, 2418-2428	16.2	23
534	Protamine-Induced Supramolecular Self-Assembly of Red-Emissive Alkynylplatinum(II) 2,6-Bis(benzimidazol-2'-yl)pyridine Complex for Selective Label-Free Sensing of Heparin and Real-Time Monitoring of Trypsin Activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 31585-31593	9.5	11
533	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> , <b>2019</b> , 141, 12863-12871	16.4	32
532	Rational Design of Multi-Stimuli-Responsive Scaffolds: Synthesis of Luminescent Oligo(ethynylpyridine)-Containing Alkynylplatinum(II) Polypyridine Foldamers Stabilized by Pt-Pt Interactions. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12312-12321	16.4	28
531	Decanuclear Gold(I) Sulfido Pseudopolymorphs Displaying Stimuli-Responsive RGBY Luminescence Changes <b>2019</b> , 1, 277-284		20
530	Synthesis, structural characterization, and photophysical studies of hexanuclear gold(I) chalcogenido complexes. <i>Journal of the Chinese Chemical Society</i> , <b>2019</b> , 66, 1100-1104	1.5	2
529	A Supramolecular Strategy toward an Efficient and Selective Capture of Platinum(II) Complexes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11204-11211	16.4	29
528	Kulturelle Kompetenz als praktischer Ansatz für Gleichstellung, Diversität und Inklusion in den Naturwissenschaften. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2938-2939	3.6	4
527	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> , <b>2019</b> , 10, 594-605	9.4	24
526	Amyloid Protein-Induced Supramolecular Self-Assembly of Water-Soluble Platinum(II) Complexes: A Luminescence Assay for Amyloid Fibrillation Detection and Inhibitor Screening. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18570-18577	16.4	34
525	Photochromic Barbiturate Pendant-Containing Benzo[b]phosphole Oxides with Co-Assembly Property and Photoinduced Morphological Changes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 40290-40299	9.5	9
524	Solvent-Assisted Supramolecular Assembly of Cyclotetrasiloxane-Functionalized Alkynylplatinum(II) Terpyridine Complexes. <i>CCS Chemistry</i> , <b>2019</b> , 1, 464-475	7.2	2
523	Multiresponsive Luminescent Cationic Cyclometalated Gold(III) Amphiphiles and Their Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19466-19478	16.4	21
522	Green-emitting dendritic alkynylgold(III) complexes with excellent film morphologies for applications in solution-processable organic light-emitting devices. <i>Chemical Communications</i> , <b>2019</b> , 55, 13844-13847	5.8	5

521	Design, synthesis, luminescence and non-linear optical properties of 1,3,5-triethynylbenzene-based alkynylplatinum(II) terpyridine complexes. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 881, 13-18	2.3	3
520	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> , <b>2018</b> , 57, 5463-5466	16.4	37
519	Supramolecular Metallogels of Platinum(II) and Gold(III) Complexes. <i>Chemistry Letters</i> , <b>2018</b> , 47, 605-610	1.7	8
518	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> , <b>2018</b> , 130, 5561-5564	3.6	8
517	Supramolecular assemblies of dinuclear alkynylplatinum(ii) terpyridine complexes with double-decker silsesquioxane nano-cores: the role of isomerism in constructing nano-structures. <i>Chemical Communications</i> , <b>2018</b> , 54, 4128-4131	5.8	14
516	Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic Surfaces. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1383-1393	4.8	13
515	Coordination Compounds with Photochromic Ligands: Ready Tunability and Visible Light-Sensitized Photochromism. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 149-159	24.3	141
514	Formation of 1D Infinite Chains Directed by Metal-Metal and/or $\pi$ -Stacking Interactions of Water-Soluble Platinum(II) 2,6-Bis(benzimidazol-2'-yl)pyridine Double Complex Salts. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 657-666	16.4	60
513	Covalent and Non-covalent Conjugation of Few-Layered Graphene Oxide and Ruthenium(II) Complex Hybrids and Their Energy Transfer Modulation via Enzymatic Hydrolysis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 15582-15590	9.5	9
512	Photophysical and ion-binding studies of a tetranuclear alkynylgold(I) isonitrile complex. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 355, 212-219	4.7	1
511	Solvent-Induced and Temperature-Promoted Aggregation of Bipyridine Platinum(II) Triangular Metallacycles and Their Near-Infrared Emissive Behaviors. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11611-11618	4.8	14
510	Adaptive Coordination-Driven Supramolecular Syntheses toward New Polymetallic Cu(I) Luminescent Assemblies. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12521-12526	16.4	56
509	Energy Landscape in Supramolecular Coassembly of Platinum(II) Complexes and Polymers: Morphological Diversity, Transformation, and Dilution Stability of Nanostructures. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 9594-9605	16.4	36
508	The Chemical Sciences and Equality, Diversity, and Inclusion. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14690-14698	16.4	13
507	The Chemical Sciences and Equality, Diversity, and Inclusion. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14902-14910	10.6	6
506	Amphiphilic Carbazole-Containing Compounds with Lower Critical Solution Temperature Behavior for Supramolecular Self-Assembly and Solution-Processable Resistive Memories. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 2626-2631	4.5	3
505	Controlling Self-Assembly Mechanisms through Rational Molecular Design in Oligo(p-phenyleneethynylene)-Containing Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Amphiphiles. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7637-7646	16.4	29
504	Precise Modulation of Molecular Building Blocks from Tweezers to Rectangles for Recognition and Stimuli-Responsive Processes. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 3041-3051	24.3	42

503	Directional Self-Assembly and Photoinduced Polymerization of Diacetylene-Containing Platinum(II) Terpyridine Complexes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15596-15602	4.8	8
502	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> , <b>2018</b> , 140, 13115-13124	16.4	67
501	Platinum(II)-Based Supramolecular Scaffold-Templated Side-by-Side Assembly of Gold Nanorods through Pt-Pt and $\pi$ - $\pi$ Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15797-15801	16.4	14
500	Platinum(II)-Based Supramolecular Scaffold-Templated Side-by-Side Assembly of Gold Nanorods through Pt-Pt and $\pi$ - $\pi$ Interactions. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 16023-16027	3.6	2
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495	Luminescent Bis-Cyclometalated Gold(III) Complexes with Alkynyl Ligands of Hexaphenylbenzene and Hexabenzocoronene Derivatives and Their Supramolecular Assembly. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 5772-5786	4.8	17
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273	Branched carbon-rich luminescent multinuclear platinum(II) and palladium(II) alkynyl complexes with phosphine ligands. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , <b>2009</b> , 10, 130-140	16.4	41
272	Synthesis, Characterization, Ion-Binding Properties, and Fluorescence Resonance Energy Transfer Behavior of Rhenium(I) Complexes Containing a Coumarin-Appended 2,2'-Bipyridine. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 11674-11682	3.8	23
271	Nucleic acid-induced aggregation and pyrene excimer formation. <i>Organic Letters</i> , <b>2009</b> , 11, 4302-5	6.2	59
270	Luminescent cyclometalated N-heterocyclic carbene-containing organogold(III) complexes: synthesis, characterization, electrochemistry, and photophysical studies. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 9076-85	16.4	125

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264	Unusual luminescence enhancement of metallo gels of alkynylplatinum(II) 2,6-bis(N-alkylbenzimidazol-2'-yl)pyridine complexes upon a gel-to-sol phase transition at elevated temperatures. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6253-60	16.4	228
263	Synthesis of Coumarin-Appended Pyridyl Tricarbonylrhenium(I) 2,2'-Bipyridyl Complexes with Oligoether Spacer and Their Fluorescence Resonance Energy Transfer Studies. <i>Organometallics</i> , <b>2009</b> , 28, 1620-1630	3.8	31
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261	Luminescence, electrochemistry and host-guest properties of dinuclear platinum(ii) terpyridyl complexes of sulfur-containing bridging ligands. <i>Dalton Transactions</i> , <b>2009</b> , 3911-22	4.3	23
260	Glucose sensing via polyanion formation and induced pyrene excimer emission. <i>Chemical Communications</i> , <b>2009</b> , 1347-9	5.8	74
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248	Electrochemiluminescence of ruthenium(II) complexes functionalized with crown ether pendants and effects of cation binding. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 1218-23	5.1	30
247	Branched Luminescent Multinuclear Platinum(II) Alkynyl Complexes: Candidates for Efficient Two-Photon Induced Luminescence. <i>Organometallics</i> , <b>2008</b> , 27, 5453-5458	3.8	39
246	Syntheses, Structures, and Properties of Some Piano-Stool Iron Acetylides Bearing a Functional Anthracenyl Group. <i>Organometallics</i> , <b>2008</b> , 27, 1912-1923	3.8	33
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141	Design of luminescent sulfur-containing polynuclear gold(I) complexes for advanced nanomaterials and chemosensors <b>2001</b> , 34, 20-23		42
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136	Molecular design of luminescent dinuclear gold(I) thiolate complexes: from fundamentals to chemosensing. <i>Coordination Chemistry Reviews</i> , <b>2001</b> , 216-217, 173-194	23.2	144
135	Molecular design of luminescent metal-based materials. <i>Pure and Applied Chemistry</i> , <b>2001</b> , 73, 543-548	2.1	20
134	Synthesis and ion-binding studies of a platinum(II) terpyridine complex with crown ether pendant. X-ray crystal structure of [Pt(trpy)(S-benzo-15-crown-5)]PF <sub>6</sub> . <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 571-4	5.1	63
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130	Synthesis, Structural Characterization, and Luminescence Properties of Branched Palladium(II) and Platinum(II) Acetylide Complexes. <i>Organometallics</i> , <b>2001</b> , 20, 453-459	3.8	83
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122	Unprecedented Formation of Dinuclear Platinum(II) Complexes with $\pi$ -Alkenylidene Bridging Ligands From Reactions of Pt(dppm) $_2$ Cl $_2$ with Alkyl Acetylenes. <i>Organometallics</i> , <b>2001</b> , 20, 3632-3634	3.8	7
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120	Synthesis, characterization, Langmuir-Blodgett film-forming properties, and second-harmonic-generation studies of ruthenium(II) complexes with long hydrocarbon chains. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 3324-9	5.1	69
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51	A novel luminescent tetranuclear copper(I) acetylide with open-cube structure. <i>Chemical Communications</i> , <b>1996</b> , 2067	5.8	40
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49	Das erste Beispiel für einen Pt4Ag3-Cluster - Synthese und Kristallstruktur von [Pt2(dppy)4( $\beta$ -S)2Ag3( $\beta$ -S)2Pt2(dppy)4]3+. <i>Angewandte Chemie</i> , <b>1996</b> , 108, 839-841	3.6	1
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43	Synthesis, photophysics, ion-binding studies, and structural characterization of organometallic rhenium(I) crown complexes. <i>Organometallics</i> , <b>1995</b> , 14, 4034-4036	3.8	67
42	Synthesis and Photophysics of Luminescent Rhenium(I) Acetylides-Precursors for Organometallic Rigid-Rod Materials. X-ray Crystal Structures of [Re(tBu2bpy)(CO)3(tBuC.tplbond.C)] and [Re(tBu2bpy)(CO)3Cl]. <i>Organometallics</i> , <b>1995</b> , 14, 2749-2753	3.8	90
41	Synthesis, photophysical and electrochemical properties of luminescent dinuclear copper(I) diimines. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 499		23
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36	Detection of Transient CuI/CuII Mixed-Valence Acetylide Complexes from Nanosecond Transient Absorption Studies. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 7545-7547		24

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33	Synthesis, characterization and photophysics of luminescent organogold(I) phosphines. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1994</b> , 2057		24
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28	Syntheses, crystal structures and photophysics of organogold(III) diimine complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 1001		80
27	Synthesis, spectroscopy, and electrochemistry of trinuclear copper(I) acetylides. X-ray crystal structure of [Cu <sub>3</sub> (μ-Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ) <sub>3</sub> (μ-3-eta.1-C.tplbond.CBu-tert)(μ-3-Cl)]PF <sub>6</sub> . <i>Organometallics</i> , <b>1993</b> , 12, 2383-2387	3.8	105
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5	Spectroscopic properties and redox chemistry of the phosphorescent excited state of [Au <sub>2</sub> (dppm) <sub>2</sub> ] <sup>2+</sup> (dppm = bis(diphenylphosphino)methane). <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 885		126
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