

# Veronique Guerchais

## List of Publications by Year in descending order

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116  
papers

3,502  
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159358

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128  
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docs citations

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times ranked

3180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Second-Order NLO Switches from Molecules to Polymer Films Based on Photochromic Cyclometalated Platinum(II) Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 5367-5375.	6.6	184
2	Recent developments in the field of metal complexes containing photochromic ligands: Modulation of linear and nonlinear optical properties. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2533-2545.	9.5	183
3	Efficient Photoswitching of the Nonlinear Optical Properties of Dipolar Photochromic Zinc(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 577-580.	7.2	167
4	Sensory luminescent iridium(III) and platinum(II) complexes for cation recognition. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2448-2457.	9.5	165
5	Metal Complexes for Two-Photon Photodynamic Therapy: A Cyclometallated Iridium Complex Induces Two-Photon Photosensitization of Cancer Cells under Near-IR Light. <i>Chemistry - A European Journal</i> , 2017, 23, 234-238.	1.7	143
6	Luminescent Platinum Compounds: From Molecules to OLEDs. <i>Topics in Organometallic Chemistry</i> , 2010, , 75-111.	0.7	117
7	Synthesis, Structure, and Photophysical Properties of Luminescent Platinum(II) Complexes Containing Cyclometalated 4-Styryl-Functionalized 2-Phenylpyridine Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 8584-8596.	1.9	107
8	Coordination and Organometallic Complexes as Second-Order Nonlinear Optical Molecular Materials. <i>Topics in Organometallic Chemistry</i> , 2010, , 1-55.	0.7	100
9	Linear and Nonlinear Optical Properties of Cationic Bipyridyl Iridium(III) Complexes: Tunable and Photoswitchable?. <i>Inorganic Chemistry</i> , 2011, 50, 5027-5038.	1.9	93
10	Syntheses, Properties, and X-ray Crystal Structures of Piano-Stool Iron Complexes Bearing an N-Heterocyclic Carbene Ligand. <i>Organometallics</i> , 2003, 22, 5144-5147.	1.1	91
11	Cyclometallated platinum(ii) complexes incorporating ethynyl-flavone ligands: switching between triplet and singlet emission induced by selective binding of Pb <sup>2+</sup> ions. <i>Chemical Communications</i> , 2008, , 4333.	2.2	76
12	Synthesis, Structure, and Photophysical and Electrochemical Properties of Cyclometallated Iridium(III) Complexes with Phenylated Bipyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 110-117.	1.0	65
13	Photochromic Metal Complexes: Photoregulation of both the Nonlinear Optical and Luminescent Properties. <i>Inorganic Chemistry</i> , 2012, 51, 5627-5636.	1.9	64
14	Linear and Nonlinear Optical Properties of Tris-cyclometalated Phenylpyridine Ir(III) Complexes Incorporating $\pi$ -Conjugated Substituents. <i>Inorganic Chemistry</i> , 2013, 52, 7987-7994.	1.9	60
15	Sequential double second-order nonlinear optical switch by an acido-triggered photochromic cyclometallated platinum(II) complex. <i>Chemical Communications</i> , 2015, 51, 7805-7808.	2.2	56
16	Palladium-catalysed direct arylation of a tris-cyclometallated Ir(III) complex bearing 2,2'-thienylpyridine ligands: a powerful tool for the tuning of luminescence properties. <i>Chemical Communications</i> , 2012, 48, 1260-1262.	2.2	54
17	Alkyne Coupling Reactions Mediated by Iron(II) Complexes: A Highly Chemo- and Regioselective Formation of $\eta^6$ -Coordinated Arene and Pyridine Complexes. <i>Organometallics</i> , 2002, 21, 2578-2580.	1.1	53
18	Photoswitching of the second-order nonlinearity of a tetrahedral octupolar multi DTE-based copper(I) complex. <i>Chemical Communications</i> , 2012, 48, 10395.	2.2	52

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19	Modulating the luminescence of an iridium(III) complex incorporating a di(2-picoyl)anilino-appended bipyridine ligand with Zn <sup>2+</sup> cations. <i>New Journal of Chemistry</i> , 2010, 34, 21-24.	1.4	51
20	A trip in the nonlinear optical properties of iridium complexes. <i>Coordination Chemistry Reviews</i> , 2020, 414, 213293.	9.5	51
21	Secondary methoxycarbene complexes [(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )M(CO) <sub>2</sub> (CHOMe)] <sup>+</sup> (M = iron, ruthenium): dynamic NMR studies and electrophilic properties. <i>Organometallics</i> , 1988, 7, 604-612.	1.1	46
22	Cyclometallated platinum(II) complexes containing pyridyl-acetylide ligands: the selective influence of lead binding on luminescence. <i>Dalton Transactions</i> , 2010, 39, 707-710.	1.6	45
23	Cyclometalated 4-Styryl-2-phenylpyridine Platinum(II) Acetylacetonate Complexes as Second-Order NLO Building Blocks for SHG Active Polymeric Films. <i>Organometallics</i> , 2013, 32, 3890-3894.	1.1	41
24	Photochromic DTE-Substituted-1,3-di(2-pyridyl)benzene Platinum(II) Complexes: Photomodulation of Luminescence and Second-Order Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2018, 57, 7051-7063.	1.9	41
25	Synthesis and Properties of (1,2-C,X) Chelate Arylcarbene Complexes [Fe(C <sub>5</sub> Me <sub>5</sub> )(L){1,2-C(OMe)C <sub>6</sub> H <sub>4</sub> -o-X}][OTf] (L = CO, PMe <sub>3</sub> ; X = OMe, Cl). <i>Organometallics</i> , 1997, 16, 124-132.	1.1	39
26	Luminescent Iridium Complexes and Their Applications. <i>Topics in Organometallic Chemistry</i> , 2010, , 113-142.	0.7	39
27	Functionalized styryl iridium(III) complexes as active second-order NLO chromophores and building blocks for SHG polymeric films. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 568-572.	0.8	38
28	The First Hexadithienylethene-Substituted Tris(bipyridine)metal Complexes as Quadratic NLO Photoswitches: Combined Experimental and DFT Studies. <i>Chemistry - A European Journal</i> , 2013, 19, 5845-5849.	1.7	36
29	Tris-Cyclometalated Iridium(III) Styryl Complexes and Their Saturated Analogues: A Direct Functionalization of Ir(4-Me-ppy) <sub>3</sub> and Hydrogen Transfer Process. <i>Organometallics</i> , 2005, 24, 6069-6072.	1.1	34
30	Catalyst-Controlled Regiodivergent C-H Arylation Site of Fluorinated 2-Arylpyridine Derivatives: Application to Luminescent Iridium(III) Complexes. <i>ACS Catalysis</i> , 2019, 9, 1320-1328.	5.5	32
31	A reverse interrupter: the novel molecular design of a fluorescent photochromic DTE-based bipyridine. <i>New Journal of Chemistry</i> , 2009, 33, 1320.	1.4	30
32	A straightforward access to photochromic diarylethene derivatives via palladium-catalysed direct heteroarylation of 1,2-dichloroperfluorocyclopentene. <i>Chemical Communications</i> , 2012, 48, 11951.	2.2	30
33	Direct heteroarylation of 5-bromothiophen-2-ylpyridine and of 8-bromoquinoline via palladium-catalysed C-H bond activation: simpler access to heteroarylated nitrogen-based derivatives. <i>Catalysis Science and Technology</i> , 2013, 3, 2072.	2.1	30
34	Electrophilic Half-Sandwich (Carbene)metal (Metal = Fe, Ru, Os) Complexes: Recent Developments in Synthesis and Applications. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 783-796.	1.0	29
35	Synthesis and Photophysical Properties of Bis-Cyclometalated Iridium(III) Styryl Complexes and Their Saturated Analogues. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2734-2747.	1.0	29
36	Palladium-Catalyzed Direct Arylation of Luminescent Bis-Cyclometalated Iridium(III) Complexes Incorporating C <sup>N</sup> - or O <sup>O</sup> -Coordinating Thiophene-Based Ligands: an Efficient Method for Color Tuning. <i>Inorganic Chemistry</i> , 2013, 52, 12416-12428.	1.9	29

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37	Rapid and convenient sonochemically-assisted alkyl-metal synthesis. <i>Journal of Organometallic Chemistry</i> , 1989, 365, 347-350.	0.8	28
38	Methyl group mobility and conversion into methyne at a diruthenium centre. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 841.	2.0	27
39	Organometallic electron reservoirs. 26. Formation of carbon-carbon bond by reaction of CO <sub>2</sub> : functional organometallic electron reservoirs. <i>Organometallics</i> , 1986, 5, 2505-2511.	1.1	26
40	σ versus π bonding in polymethylthiophene complexes of iron. <i>Journal of Organometallic Chemistry</i> , 1986, 316, 335-341.	0.8	26
41	Switching of excited states in cyclometalated platinum complexes incorporating pyridyl-acetylide ligands (Pt(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )(CO)(L)(=CH <sub>2</sub> ))+ (L = CO, PPh <sub>3</sub> ): a combined experimental and theoretical study. <i>New Journal of Chemistry</i> , 2011, 35, 2196.	1.4	25
42	Aggregation Effect on the Luminescence Properties of Phenylbipyridine Pt(II) Acetylide Complexes. A Theoretical Prediction with Experimental Evidence. <i>Journal of Physical Chemistry A</i> , 2014, 118, 6278-6286.	1.1	24
43	Generation, characterization, and chemistry of the methylene complexes [Fe(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )(CO)(L)(=CH <sub>2</sub> )] <sup>+</sup> (L = CO, PPh <sub>3</sub> ) and the x-ray crystal structure of [Fe(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )(CO) <sub>2</sub> (CH <sub>2</sub> PPh <sub>3</sub> )] <sup>+</sup> BF <sub>4</sub> <sup>-</sup> . <i>Organometallics</i> , 1990, 9, 1036-1041.	1.1	23
44	Direct arylation of dithienylperfluorocyclopentenes via palladium-catalysed C-H bond activation: a simpler access to photoswitches. <i>Catalysis Science and Technology</i> , 2012, 2, 1242.	2.1	22
45	Tunable double photochromism of a family of bis-DTE bipyridine ligands and their dipolar Zn complexes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2599.	1.3	22
46	New entry to pentamethylcyclopentadienyl iron chemistry and the methylene complexes [(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )Fe(CO)(L)(CH <sub>2</sub> )] <sup>+</sup> (L = CO or PPh <sub>3</sub> ). <i>Journal of the Chemical Society Chemical Communications</i> , 1985, .	2.0	21
47	Effective modulation of the photoluminescence properties of 2,1,3-benzothiadiazoles and 2,1,3-benzoselenadiazoles by Pd-catalyzed C-H bond arylations. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1731-1737.	2.7	21
48	An excursion in the second-order nonlinear optical properties of platinum complexes. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214113.	9.5	20
49	Versatile behaviour of iron(II) arylcarbene complexes towards alkoxides: C-Cl and C-C bond activation reactions. <i>Journal of Organometallic Chemistry</i> , 2001, 629, 19-27.	0.8	19
50	An investigation on the second order nonlinear optical response of tris-cyclometallated Ir(III) complexes with variously substituted 2-phenylpyridines. <i>Dalton Transactions</i> , 2013, 42, 155-159.	1.6	19
51	An investigation on the second-order nonlinear optical response of cationic bipyridine or phenanthroline iridium(III) complexes bearing cyclometallated 2-phenylpyridines with a triphenylamine substituent. <i>Dalton Transactions</i> , 2018, 47, 8292-8300.	1.6	19
52	Metal Cation Induced Modulation of the Photophysical Properties of a Platinum(II) Complex Featuring a Dipicolylanilino(II) Acetylide Ligand. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1255-1259.	1.0	18
53	Photochromic bipyridyl metal complexes: Photoregulation of the nonlinear optical and/or luminescent properties. <i>Comptes Rendus Chimie</i> , 2013, 16, 1172-1182.	0.2	18
54	An Unprecedented Family of Luminescent Iridium(III) Complexes Bearing a Six-Membered Chelated Tridentate C <sup>N</sup> C Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 5182-5188.	1.9	18

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55	Impact of the use of sterically congested Ir( $\eta^5$ ) complexes on the performance of light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6385-6397.	2.7	18
56	Metal Complexes Featuring Photochromic Ligands. <i>Topics in Organometallic Chemistry</i> , 2010, , 171-225.	0.7	17
57	Design of cyclometallated $\eta^5$ -delocalized donor-1,3-di(2-pyridyl)benzene platinum(II) complexes with second-order nonlinear optical properties. <i>Polyhedron</i> , 2018, 140, 74-77.	1.0	17
58	Contrasted photochromic and luminescent properties in dinuclear Pt( $\eta^2$ ) complexes linked through a central dithienylethene unit. <i>Chemical Communications</i> , 2016, 52, 9833-9836.	2.2	16
59	Spectroscopic characterization of unstabilized electrophilic iron $\eta^5$ -methylene and iron $\eta^5$ -hydroxymethylene complexes $[(\eta^5\text{-C}_5\text{Me}_5)\text{Fe}(\text{CO})_2\text{L}]^+(\text{L} = \text{CH}_2\text{ or } \text{CHOH})$ . Hydride abstraction vs. electron transfer mechanism. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, .	2.0	15
60	Synthesis of alkene- and alkyne-pentamethylcyclopentadienyl dicarbonyliron complexes via the aquo derivative $[\text{Fe}(\eta^5\text{-C}_5\text{Me}_5)(\text{CO})_2(\text{OH}_2)]^+\text{BF}_4^-$ ; crystal structure of the ruthenium analogue. <i>Journal of Organometallic Chemistry</i> , 1990, 381, C47-C51.	0.8	15
61	One-electron reduction of the iron carbene complexes $[\text{Fe}(\text{Cp}^*\text{...})(\text{CO})_2(\eta^5\text{-C}(\text{OMe})\text{R})]^+$ ( $\text{R} \eta^5 \rightarrow \text{H}$ or $\text{Me}$ ) and hydrogen-atom vs. alkyl-radical transfer in the 19-electron intermediates. <i>Journal of Organometallic Chemistry</i> , 1992, 434, 89-96.	0.8	15
62	NLO Molecules and Materials Based on Organometallics: Cubic NLO Properties. <i>Topics in Organometallic Chemistry</i> , 2010, , 57-73.	0.7	15
63	Acid-catalysed C $\eta^5$ -H activation of ethene and linking of alkynes at a diruthenium centre. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 310-312.	2.0	14
64	Symmetric and Non-Symmetric Dinuclear Alkenyl-Bridged Carbene Complexes of Chromium and Tungsten. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 725-732.	1.0	14
65	Bay-Region Functionalisation of Ar-BIAN Ligands and Their Use Within Highly Absorptive Cationic Iridium(III) Dyes. <i>Scientific Reports</i> , 2017, 7, 15520.	1.6	14
66	A panchromatic, near infrared Ir(III) emitter bearing a tripodal C $\eta^5$ N $\eta^5$ C ligand as a dye for dye-sensitized solar cells. <i>Polyhedron</i> , 2018, 140, 109-115.	1.0	14
67	Regiospecific C:C protection and cyclopropanation of dienes both assisted by $[(\eta^5\text{-C}_5\text{Me}_5)\text{Fe}(\text{CO})_2]^+$ . <i>Organometallics</i> , 1992, 11, 3926-3928.	1.1	12
68	New polynuclear carbonyl ruthenium (II) complexes derived from 1,8-naphthyridine. <i>Applied Organometallic Chemistry</i> , 2006, 20, 272-276.	1.7	12
69	A novel multifunctional cyclometallated iridium(III) complex with interesting second-order nonlinear optical properties and two-photon absorption activity. <i>Polyhedron</i> , 2018, 140, 116-121.	1.0	12
70	Novel cyclometallated $\eta^5$ -delocalized donor-1,3-di(2-pyridyl)benzene platinum( $\eta^2$ ) complexes with good second-order nonlinear optical properties. <i>Dalton Transactions</i> , 2019, 48, 202-208.	1.6	12
71	Controlling the emission in flexibly-linked (N $\eta^5$ C $\eta^5$ N)platinum dyads. <i>Dalton Transactions</i> , 2018, 47, 224-232.	1.6	12
72	Reduction of CO <sub>2</sub> by the 19 electron complexes $\text{Fe}(\text{cp})\text{L}_3[\text{cp} = \eta^5\text{-cyclopentadienyl}; \text{L}_3 = \text{C}_6\text{H}_6, \text{C}_6\text{Me}_6, \text{ or } (\text{PMe}_3)_3]$ . <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 812-813.	2.0	11

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73	A Carbene-iron Chelate Complex as a Source of a Ferraborane Derivative. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2218-2219.	4.4	11
74	Selective Activation of Ar-Cl and Ar-C Bonds with Iron(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 963-965.	7.2	11
75	Chromo- and Fluorogenic Organometallic Sensors. <i>Topics in Organometallic Chemistry</i> , 2010, , 143-170.	0.7	11
76	Perfluorocyclohexene bridges in inverse DiArylEthenes: synthesis through Pd-catalysed C-H bond activation, experimental and theoretical studies on their photoreactivity. <i>Chemical Communications</i> , 2013, 49, 7896.	2.2	11
77	Benzothiophene or Benzofuran Bridges in Diaryl Ethenes: Two-Step Access by Pd-Catalyzed C-H Activation and Theoretical/Experimental Studies on Their Photoreactivity. <i>Chemistry - A European Journal</i> , 2014, 20, 10073-10083.	1.7	11
78	Pd-Catalyzed Functionalization of the Thenoyltrifluoroacetone Coligands by Aromatic Dyes in Bis(cyclometallated) Ir <sup>III</sup> Complexes: From Phosphorescence to Fluorescence? <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2956-2964.	1.0	11
79	Synthesis and characterization of ruthenium (II) carbonyl complexes containing naphthyridine and acetylacetonate ligands and their catalytic activity in the hydrogen transfer reaction. <i>Inorganic Chemistry Communication</i> , 2013, 27, 108-110.	1.8	10
80	New fluorescent bis-dithienylethene (DTE)-based bipyridines as reverse interrupters: single vs. double photochromism. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 979-992.	1.5	10
81	Asymmetrical 1,3-Bis(heteroazolyl)benzene Platinum Complexes with Tunable Second-Order Non-Linear Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4774-4782.	1.0	10
82	Transfer hydrogenation of N-benzylideneaniline catalyzed by ruthenium complexes with pincer-type phosphorus nitrogen ligands using propan-2-ol as the hydrogen source. <i>Catalysis Communications</i> , 2017, 99, 150-153.	1.6	10
83	Phosphorescent cationic iridium(III) complexes bearing a nonconjugated six-membered chelating ancillary ligand: a strategy for tuning the emission towards the blue. <i>Dalton Transactions</i> , 2018, 47, 10569-10577.	1.6	10
84	Hydrogenation of N-benzylideneaniline by palladium (II) catalysts with phosphorus-nitrogen ligands using formic acid as a renewable hydrogen source. <i>Molecular Catalysis</i> , 2019, 462, 126-131.	1.0	10
85	Convenient routes to mono- and dinuclear (C <sub>5</sub> Me <sub>5</sub> )iron(II) complexes bearing acyl, alkynyl, aryl and thienyl ligands. <i>Journal of Organometallic Chemistry</i> , 2000, 595, 81-86.	0.8	9
86	Synthesis and characterization of new complexes of the type [Ru(CO) <sub>2</sub> Cl] <sub>2</sub> (2-phenyl-1,8-naphthyridine) (2-phenyl-1,8-naphthyridine) (2-phenyl-1,8-naphthyridine) (2-phenyl-1,8-naphthyridine). Preliminary applications in homogeneous catalysis. <i>Applied Organometallic Chemistry</i> , 2008, 22, 471-478.		
87	Sequential Palladium-Catalysed Direct Arylation Followed by Suzuki Coupling of Bromo- and Chloropyridines: Simple Access to a Variety of Arylpyridines. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4454-4462.	1.0	9
88	Functional organometallic electron reservoirs: the 19-electron complexes (η <sup>5</sup> -C <sub>5</sub> H <sub>4</sub> CO <sub>2</sub> H)(η <sup>6</sup> -C <sub>6</sub> Me <sub>6</sub> )Fe and (η <sup>5</sup> -C <sub>5</sub> H <sub>4</sub> CO <sub>2</sub> )(η <sup>6</sup> -C <sub>6</sub> Me <sub>6</sub> )Fe. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 881-882.	2.0	8
89	Single and double C-C bond formation via iron-carbene species: access to new η <sup>5</sup> - and η <sup>6</sup> -vinylarene complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, .	2.0	8
90	Generation of the iron methylene complexes [(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )Fe(CO) <sub>2</sub> (:CH <sub>2</sub> )] <sup>+</sup> X <sup>-</sup> through inner-sphere vs. outer-sphere electron-transfer processes and reactivity toward sulfur compounds. <i>Organometallics</i> , 1993, 12, 4843-4853.	1.1	8

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91	A convenient entry to substituted cationic iron-carbene complexes. <i>Organometallics</i> , 1993, 12, 4657-4659.	1.1	8
92	Luminescent bis-cyclometallated iridium(III) complexes containing phosphine-based ligands: Influence of the P^N bridge. <i>Polyhedron</i> , 2015, 86, 120-124.	1.0	8
93	Synthesis, Characterization, and Optoelectronic Properties of Iridium Complexes Bearing Nonconjugated Six-Membered Chelating Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 2023-2034.	1.9	8
94	Exploiting the Reactivity of Fluorinated 2-Arylpyridines in Pd-Catalyzed C-H Bond Arylation for the Preparation of Bright Emitting Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 13898-13911.	1.9	8
95	The switchable phosphorescence and delayed fluorescence of a new rhodamine-like dye through allenylidene formation in a cyclometallated platinum system. <i>Chemical Science</i> , 2021, 12, 11056-11064.	3.7	8
96	access to functional compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 894-896.	2.0	7
97	Activation of 2-Alkyn-1-ols by [Fe(C5Me5)(CO)2]+: New Route to $\hat{1},\hat{1}^2$ -Unsaturated Acyl Complexes. <i>Synlett</i> , 1997, 1997, 913-914.	1.0	7
98	Convenient access to an alkenyl(biscarbene)-bridged heterobinuclear (Ru-W) complex. X-ray structure of [( $\hat{1}$ -6-C6Me4H2)Ru...C(OMe)(CH...CHC6H4CH...CH-CO2Me)(Cl)(PMe3)][PF6]. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 498-500.	0.8	7
99	Synthesis and characterization of the chiral iron secondary methoxycarbene [Fe(C5Me5)(CO)(PMePh2)(CHOMe)][SO3CF3]. <i>Journal of Organometallic Chemistry</i> , 1991, 414, 373-380.	0.8	6
100	Regioselective iron-mediated C-C coupling reactions: role of the iodide anion. <i>Chemical Communications</i> , 2000, , 1405-1406.	2.2	6
101	Synthesis, structure and catalytic activities for hydrogen transfer reaction of the carbonyl ruthenium(II) complex containing polypyridine and phosphine ligands. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1519-1521.	1.8	6
102	Synthesis of 2-(fluorinated aryl)pyridine derivatives via palladium-catalyzed C H bond arylation of fluorobenzenes using 2-halopyridines as aryl sources. <i>Tetrahedron Letters</i> , 2017, 58, 3205-3208.	0.7	6
103	Fluorescence Commutation and Surface Photopatterning with Porphyrin Tetradiethylenethene Switches. <i>Chemistry - A European Journal</i> , 2018, 24, 1631-1639.	1.7	6
104	Reversible hydrogenation of anthracene during complexation to cyclopentadienyliron: change in regioselectivity depending on the steric bulk of the cyclopentadienyl group. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1115.	2.0	5
105	Chemoselective synthesis of (allyloxy)carbene chelate complexes of iron. <i>Inorganica Chimica Acta</i> , 1999, 291, 449-451.	1.2	5
106	Enhanced reversible solid-state photoswitching of a cationic dithienylethene assembled with a polyoxometalate unit. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13072-13076.	2.7	5
107	Ein Carbeneisen-Chelatkomplex als Quelle für ein Ferraboranderivat. <i>Angewandte Chemie</i> , 1994, 106, 2294-2296.	1.6	4
108	S-alkylation of $\hat{1}$ -thioether iron compounds by [Ph3C]+ and [Fe( $\hat{1}$ -C5Me5)(CO)2(CH2)]+. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1554-1556.	2.0	3

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109	Hemilabile Properties of Chelate Iron Complexes: Synthesis and Structure of Oxametallacycles. European Journal of Inorganic Chemistry, 1998, 1998, 1387-1389.	1.0	3
110	Chemoselective Diels-Alder reactions of a non-symmetrical bis(carbene)-bridged ditungsten complex with 1,3-dienes. Journal of Organometallic Chemistry, 2003, 682, 260-262.	0.8	3
111	Reactivity of 4-phenylthiazoles in ruthenium catalyzed direct arylations. Applied Organometallic Chemistry, 2019, 33, e4794.	1.7	3
112	Palladium-Catalyzed C-H Bond Arylation of Cyclometalated Difluorinated 2-Arylisoquinolinyl Iridium(III) Complexes. Chemistry - A European Journal, 2021, 27, 12552-12557.	1.7	3
113	Intramolecular cyclopropane formation by insertion of an iron-carbene species into a C-H bond. Journal of the Chemical Society Chemical Communications, 1990, , 1550-1552.	2.0	1
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