

# Veronique Guerchais

## List of Publications by Citations

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#	Paper	IF	Citations
118	Recent developments in the field of metal complexes containing photochromic ligands: Modulation of linear and nonlinear optical properties. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 2533-2545	23.2	168
117	Second-order NLO switches from molecules to polymer films based on photochromic cyclometalated platinum(II) complexes. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 5367-75	16.4	159
116	Efficient photoswitching of the nonlinear optical properties of dipolar photochromic zinc(II) complexes. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 577-80	16.4	156
115	Sensory luminescent iridium(III) and platinum(II) complexes for cation recognition. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2448-2457	23.2	146
114	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> , <b>2017</b> , 23, 234-238	4.8	117
113	Luminescent Platinum Compounds: From Molecules to OLEDs. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 75-111	0.6	108
112	Synthesis, structure, and photophysical properties of luminescent platinum(II) complexes containing cyclometalated 4-styryl-functionalized 2-phenylpyridine ligands. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8584-96	5.1	100
111	Coordination and Organometallic Complexes as Second-Order Nonlinear Optical Molecular Materials. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 1-55	0.6	91
110	Linear and nonlinear optical properties of cationic bipyridyl iridium(III) complexes: tunable and photoswitchable?. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 5027-38	5.1	90
109	Syntheses, Properties, and X-ray Crystal Structures of Piano-Stool Iron Complexes Bearing an N-Heterocyclic Carbene Ligand. <i>Organometallics</i> , <b>2003</b> , 22, 5144-5147	3.8	83
108	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> , <b>2008</b> , 4333-5	5.8	67
107	Synthesis, Structure, and Photophysical and Electrochemical Properties of Cyclometallated Iridium(III) Complexes with Phenylated Bipyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 110-117	2.3	63
106	Photochromic metal complexes: photoregulation of both the nonlinear optical and luminescent properties. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5627-36	5.1	60
105	Linear and nonlinear optical properties of tris-cyclometalated phenylpyridine Ir(III) complexes incorporating $\pi$ -conjugated substituents. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7987-94	5.1	52
104	Sequential double second-order nonlinear optical switch by an acido-triggered photochromic cyclometallated platinum(II) complex. <i>Chemical Communications</i> , <b>2015</b> , 51, 7805-8	5.8	51
103	Photoswitching of the second-order nonlinearity of a tetrahedral octupolar multi DTE-based copper(I) complex. <i>Chemical Communications</i> , <b>2012</b> , 48, 10395-7	5.8	51
102	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> , <b>2012</b> , 48, 1260-2	5.8	51

101	Modulating the luminescence of an iridium(III) complex incorporating a di(2-picoly)anilino-appended bipyridine ligand with Zn <sup>2+</sup> cations. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 21-24	3.6	51
100	Alkyne Coupling Reactions Mediated by Iron(II) Complexes: Highly Chemo- and Regioselective Formation of $\eta^5$ -Coordinated Arene and Pyridine Complexes. <i>Organometallics</i> , <b>2002</b> , 21, 2578-2580	3.8	48
99	Secondary methoxycarbene complexes [( $\eta^5$ -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> , <b>1988</b> , 7, 604-612	3.8	43
98	Cyclometallated platinum(II) complexes containing pyridyl-acetylidyde ligands: the selective influence of lead binding on luminescence. <i>Dalton Transactions</i> , <b>2010</b> , 39, 707-10	4.3	41
97	Cyclometalated 4-Styryl-2-phenylpyridine Platinum(II) Acetylacetonate Complexes as Second-Order NLO Building Blocks for SHG Active Polymeric Films. <i>Organometallics</i> , <b>2013</b> , 32, 3890-3894	3.8	38
96	Functionalized styryl iridium(III) complexes as active second-order NLO chromophores and building blocks for SHG polymeric films. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 568-572	2.3	35
95	The first hexadithienylethene-substituted tris(bipyridine)metal complexes as quadratic NLO photoswitches: combined experimental and DFT studies. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 5845-5848	4.8	35
94	Synthesis and Properties of ( $\eta^5$ -C,X) Chelate Arylcarbene Complexes [Fe(C <sub>5</sub> Me <sub>5</sub> )(L){ $\eta^5$ -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> , <b>1997</b> , 16, 124-132	3.8	34
93	Tris-Cyclometalated Iridium(III) Styryl Complexes and Their Saturated Analogues: Direct Functionalization of Ir(4-Me-ppy) <sub>3</sub> and Hydrogen Transfer Process. <i>Organometallics</i> , <b>2005</b> , 24, 6069-6072	3.8	33
92	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> , <b>2018</b> , 57, 7051-7063	5.1	32
91	Luminescent Iridium Complexes and Their Applications. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 113-142	2.6	32
90	A straightforward access to photochromic diarylethene derivatives via palladium-catalysed direct heteroarylation of 1,2-dichloroperfluorocyclopentene. <i>Chemical Communications</i> , <b>2012</b> , 48, 11951-3	5.8	29
89	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> , <b>2013</b> , 3, 2072	5.5	28
88	A Reverse interrupter—the novel molecular design of a fluorescent photochromic DTE-based bipyridine. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 1320	3.6	27
87	Methyl group mobility and conversion into methyne at a diruthenium centre. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1984</b> , 841		27
86	Palladium-catalyzed direct arylation of luminescent bis-cyclometalated iridium(III) complexes incorporating C <sup>N</sup> - or O <sup>^</sup> O-coordinating thiophene-based ligands: an efficient method for color tuning. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12416-28	5.1	26
85	Efficient Photoswitching of the Nonlinear Optical Properties of Dipolar Photochromic Zinc(II) Complexes. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 587-590	3.6	26
84	Electrophilic Half-Sandwich (Carbene)metal (Metal = Fe, Ru, Os) Complexes: Recent Developments in Synthesis and Applications. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 783-796	2.3	26

83	A trip in the nonlinear optical properties of iridium complexes. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 414, 213293	23.2	25
82	Synthesis and Photophysical Properties of Bis-Cyclometallated Iridium(III) Styryl Complexes and Their Saturated Analogues. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2734-2747	2.3	24
81	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> , <b>2014</b> , 118, 6278-86	2.8	23
80	$\sigma$ versus $\pi$ bonding in polymethylthiophene complexes of iron. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 316, 335-341	2.3	23
79	Organometallic electron reservoirs. 26. Formation of carbon-carbon bond by reaction of CO <sub>2</sub> : functional organometallic electron reservoirs. <i>Organometallics</i> , <b>1986</b> , 5, 2505-2511	3.8	23
78	Tunable double photochromism of a family of bis-DTE bipyridine ligands and their dipolar Zn complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 2599-605	3.6	22
77	Switching of excited states in cyclometalated platinum complexes incorporating pyridyl-acetylide ligands (Pt <sup>II</sup> CPy): a combined experimental and theoretical study. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 2196	3.6	22
76	Rapid and convenient sonochemically-assisted alkyl-metal synthesis. <i>Journal of Organometallic Chemistry</i> , <b>1989</b> , 365, 347-350	2.3	22
75	Direct arylation of dithienylperfluorocyclopentenes via palladium-catalysed C-H bond activation: a simpler access to photoswitches. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 1242	5.5	21
74	Catalyst-Controlled Regiodivergent C-H Arylation Site of Fluorinated 2-Arylpyridine Derivatives: Application to Luminescent Iridium(III) Complexes. <i>ACS Catalysis</i> , <b>2019</b> , 9, 1320-1328	13.1	20
73	New entry to pentamethylcyclopentadienyl iron chemistry and the methylene complexes [( $\eta$ -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> , <b>1985</b> , 835-837		19
72	Photochromic bipyridyl metal complexes: Photoregulation of the nonlinear optical and/or luminescent properties. <i>Comptes Rendus Chimie</i> , <b>2013</b> , 16, 1172-1182	2.7	17
71	An investigation on the second order nonlinear optical response of tris-cyclometallated Ir(III) complexes with variously substituted 2-phenylpyridines. <i>Dalton Transactions</i> , <b>2013</b> , 42, 155-9	4.3	17
70	Generation, characterization, and chemistry of the methylene complexes [Fe( $\eta$ -5-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( $\eta$ -5-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> , <b>1990</b> , 9, 1036-1041	3.8	17
69	An Unprecedented Family of Luminescent Iridium(III) Complexes Bearing a Six-Membered Chelated Tridentate C <sup>N</sup> C Ligand. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5182-5188	5.1	16
68	Metal Cation Induced Modulation of the Photophysical Properties of a Platinum(II) Complex Featuring a Dipicolylanilinoacetylide Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 1255-1259	2.3	16
67	Metal Complexes Featuring Photochromic Ligands. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 171-225	0.6	16
66	Versatile behaviour of iron $\eta$ 5-arylcarbene complexes towards alkoxides: C-Cl and C-C bond activation reactions. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 629, 19-27	2.3	16

65	Impact of the use of sterically congested Ir(III) complexes on the performance of light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 6385-6397	7.1	15
64	Contrasted photochromic and luminescent properties in dinuclear Pt(II) complexes linked through a central dithienylethene unit. <i>Chemical Communications</i> , <b>2016</b> , 52, 9833-6	5.8	15
63	Synthesis of alkene- and alkyne-pentamethylcyclopentadienyl dicarbonyliron complexes via the aquo derivative $[\text{Fe}(\text{C}_5\text{Me}_5)(\text{CO})_2(\text{OH}_2)]^+\text{BF}_4^-$ ; crystal structure of the ruthenium analogue. <i>Journal of Organometallic Chemistry</i> , <b>1990</b> , 381, C47-C51	2.3	15
62	NLO Molecules and Materials Based on Organometallics: Cubic NLO Properties. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 57-73	0.6	15
61	Spectroscopic characterization of unstabilized electrophilic iron $\eta$ -methylene and iron $\eta$ -hydroxymethylene complexes $[(\eta\text{-C}_5\text{Me}_5)\text{Fe}(\text{CO})_2\text{L}]^+$ (L = CH <sub>2</sub> or CHO). Hydride abstraction vs. electron transfer mechanism. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1986</b> , 663-664		14
60	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> , <b>2018</b> , 47, 8292-8300	4.3	14
59	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> , <b>2018</b> , 6, 1731-1737	7.1	13
58	Symmetric and Non-Symmetric Dinuclear Alkenyl-Bridged Carbene Complexes of Chromium and Tungsten. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 725-732	2.3	13
57	Acid-catalysed C-H activation of ethene and linking of alkynes at a diruthenium centre. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 310-312		13
56	One-electron reduction of the iron carbene complexes $[\text{Fe}(\text{Cp})(\text{CO})_2(\eta\text{-C}(\text{OMe})\text{R})]^+$ (R = H or Me) and hydrogen-atom vs. alkyl-radical transfer in the 19-electron intermediates. <i>Journal of Organometallic Chemistry</i> , <b>1992</b> , 434, 89-96	2.3	13
55	Hydrogenation du naphthalene et de l'anthracene lors de la complexation aux greffons cationiques $\text{C}_5\text{H}_5\text{Fe}^+$ et $\text{C}_5\text{Me}_5\text{Fe}^+$ . <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 312, 97-111	2.3	12
54	Chromo- and Fluorogenic Organometallic Sensors. <i>Topics in Organometallic Chemistry</i> , <b>2010</b> , 143-170	0.6	11
53	New polynuclear carbonyl ruthenium (II) complexes derived from 1,8-naphthyridine. <i>Applied Organometallic Chemistry</i> , <b>2006</b> , 20, 272-276	3.1	11
52	A Carbene-Iron Chelate Complex as a Source of a Ferraborane Derivative. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 2218-2219		11
51	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> , <b>2014</b> , 20, 10073-83	4.8	10
50	Bay-Region Functionalisation of Ar-BIAN Ligands and Their Use Within Highly Absorptive Cationic Iridium(III) Dyes. <i>Scientific Reports</i> , <b>2017</b> , 7, 15520	4.9	10
49	Selective Activation of Ar-Cl and Ar-C Bonds with Iron(II) Complexes. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 963-965	16.4	10
48	Reduction of CO <sub>2</sub> by the 19 electron complexes $\text{Fe}(\text{cp})\text{L}_3$ [cp = $\eta$ -cyclopentadienyl; L <sub>3</sub> = C <sub>6</sub> H <sub>6</sub> , C <sub>6</sub> Me <sub>6</sub> , or (PMe <sub>3</sub> ) <sub>3</sub> ]. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 812-813		10

47	Perfluorocyclohexene bridges in inverse DiArylEthenes: synthesis through Pd-catalysed C-H bond activation, experimental and theoretical studies on their photoreactivity. <i>Chemical Communications</i> , <b>2013</b> , 49, 7896-8	5.8	9
46	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> , <b>2013</b> , 27, 108-110	3.1	9
45	Pd-Catalyzed Functionalization of the Thenoyltrifluoroacetone Coligands by Aromatic Dyes in Bis(cyclometallated) Ir(III) Complexes: From Phosphorescence to Fluorescence? <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 2956-2964	2.3	9
44	Sequential Palladium-Catalysed Direct Arylation Followed by Suzuki Coupling of Bromo-2-chloropyridines: Simple Access to a Variety of 2-Arylpyridines. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 4454-4462	2.3	9
43	Design of cyclometallated 5- $\pi$ -delocalized donor-1,3-di(2-pyridyl)benzene platinum(II) complexes with second-order nonlinear optical properties. <i>Polyhedron</i> , <b>2018</b> , 140, 74-77	2.7	9
42	A panchromatic, near infrared Ir(III) emitter bearing a tripodal C <sup>N</sup> C ligand as a dye for dye-sensitized solar cells. <i>Polyhedron</i> , <b>2018</b> , 140, 109-115	2.7	9
41	A novel multifunctional cyclometallated iridium(III) complex with interesting second-order nonlinear optical properties and two-photon absorption activity. <i>Polyhedron</i> , <b>2018</b> , 140, 116-121	2.7	9
40	Novel cyclometallated 5- $\pi$ -delocalized donor-1,3-di(2-pyridyl)benzene platinum(ii) complexes with good second-order nonlinear optical properties. <i>Dalton Transactions</i> , <b>2018</b> , 48, 202-208	4.3	8
39	Luminescent bis-cyclometallated iridium(III) complexes containing phosphine-based ligands: Influence of the P <sup>N</sup> bridge. <i>Polyhedron</i> , <b>2015</b> , 86, 120-124	2.7	8
38	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> , <b>2018</b> , 47, 10569-10577	4.3	8
37	Synthesis, Characterization, and Optoelectronic Properties of Iridium Complexes Bearing Nonconjugated Six-Membered Chelating Ligands. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2023-2034	5.1	8
36	New fluorescent bis-dithienylethene (DTE)-based bipyridines as reverse interrupters: single vs. double photochromism. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 979-92	3.9	8
35	Regiospecific C:C protection and cyclopropanation of dienes both assisted by [( $\eta$ -5-C <sub>5</sub> Me <sub>5</sub> )Fe(CO) <sub>2</sub> ] <sup>+</sup> . <i>Organometallics</i> , <b>1992</b> , 11, 3926-3928	3.8	8
34	Asymmetrical 1,3-Bis(heteroazolyl)benzene Platinum Complexes with Tunable Second-Order Non-Linear Optical Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4774-4782	2.3	8
33	Hydrogenation of N-benzylideneaniline by palladium (II) catalysts with phosphorus-nitrogen ligands using formic acid as a renewable hydrogen source. <i>Molecular Catalysis</i> , <b>2019</b> , 462, 126-131	3.3	8
32	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> , <b>2017</b> , 99, 150-153	3.2	7
31	Synthesis and characterization of new complexes of the type [Ru(CO) <sub>2</sub> Cl <sub>2</sub> (2-phenyl-1,8-naphthyridine-kN)(2-phenyl-1,8-naphthyridine-kN <sup>?</sup> )]. Preliminary applications in homogeneous catalysis. <i>Applied Organometallic Chemistry</i> , <b>2008</b> , 22, 471-478	3.1	7
30	Convenient access to an alkenyl(biscarbene)-bridged heterobinuclear (Ru <sup>?</sup> W) complex. X-ray structure of [( $\beta$ -C <sub>6</sub> Me <sub>4</sub> H <sub>2</sub> )Ru <sup>?</sup> C(OMe)(CH <sup>?</sup> CHC <sub>6</sub> H <sub>4</sub> CH <sup>?</sup> CH <sup>?</sup> CO <sub>2</sub> Me)(Cl)(PMe <sub>3</sub> )] <sup>+</sup> [PF <sub>6</sub> <sup>-</sup> ]. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 643-644, 498-500	2.3	7

- 29 Convenient routes to mono- and dinuclear (C<sub>5</sub>Me<sub>5</sub>)iron(II) complexes bearing acyl, alkynyl, aryl and thienyl ligands. *Journal of Organometallic Chemistry*, **2000**, 595, 81-86 2.3 7
- 28 Single and double C≡ bond formation via iron-carbene species: access to new  $\eta^5$  and  $\eta^6$  vinylarene complexes. *Journal of the Chemical Society Chemical Communications*, **1990**, 534-536 7
- 27 Functional organometallic electron reservoirs: the 19-electron complexes ( $\eta^5$ -C<sub>5</sub>H<sub>4</sub>CO<sub>2</sub>H)( $\eta^6$ -C<sub>6</sub>Me<sub>6</sub>)FeI and ( $\eta^5$ -C<sub>5</sub>H<sub>4</sub>CO<sub>2</sub>)( $\eta^6$ -C<sub>6</sub>Me<sub>6</sub>)FeI. *Journal of the Chemical Society Chemical Communications*, **1984**, 881-882 7
- 26 Synthesis, structure and catalytic activities for hydrogen transfer reaction of the carbonyl ruthenium(II) complex containing polypyridine and phosphine ligands. *Inorganic Chemistry Communication*, **2010**, 13, 1519-1521 3.1 6
- 25 Activation of 2-Alkyn-1-ols by [Fe(C<sub>5</sub>Me<sub>5</sub>)(CO)<sub>2</sub>]<sup>+</sup>: New Route to  $\eta^5$ Unsaturated Acyl Complexes. *Synlett*, **1997**, 1997, 913-914 2.2 6
- 24 Generation of the iron methylene complexes [ $\eta^5$ -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. *Organometallics*, **1993**, 12, 4843-4853 3.8 6
- 23 Synclinal and anticlinal isomers of the iron methoxycarbene complex [( $\eta^5$ -C<sub>5</sub>Me<sub>5</sub>)Fe(CO)<sub>2</sub>(CHOMe)]<sup>+</sup>; access to functional compounds. *Journal of the Chemical Society Chemical Communications*, **1986**, 894-896 6
- 22 Fluorescence Commutation and Surface Photopatterning with Porphyrin Tetradithienylethene Switches. *Chemistry - A European Journal*, **2018**, 24, 1631-1639 4.8 6
- 21 Regioselective iron-mediated C≡ coupling reactions: role of the iodide anion. *Chemical Communications*, **2000**, 1405-1406 5.8 5
- 20 A convenient entry to substituted cationic iron-carbene complexes. *Organometallics*, **1993**, 12, 4657-4659 3.8 5
- 19 Reversible hydrogenation of anthracene during complexation to cyclopentadienyliron: change in regioselectivity depending on the steric bulk of the cyclopentadienyl group. *Journal of the Chemical Society Chemical Communications*, **1983**, 1115 5
- 18 Controlling the emission in flexibly-linked (N<sup>+</sup>C<sup>-</sup>N)platinum dyads. *Dalton Transactions*, **2017**, 47, 224-232 2.3 5
- 17 An excursion in the second-order nonlinear optical properties of platinum complexes. *Coordination Chemistry Reviews*, **2021**, 446, 214113 23.2 5
- 16 Chemoselective synthesis of (allyloxy)carbene chelate complexes of iron. *Inorganica Chimica Acta*, **1999**, 291, 449-451 2.7 4
- 15 Ein Carbeneisen-Chelatkomplex als Quelle für ein Ferraboranderivat. *Angewandte Chemie*, **1994**, 106, 2294-2296 3.6 4
- 14 Synthesis and characterization of the chiral iron secondary methoxycarbene [Fe(C<sub>5</sub>Me<sub>5</sub>)(CO)(PMePh<sub>2</sub>)(CHOMe)][SO<sub>3</sub>CF<sub>3</sub>]. *Journal of Organometallic Chemistry*, **1991**, 414, 373-380 2.3 4
- 13 Exploiting the Reactivity of Fluorinated 2-Arylpyridines in Pd-Catalyzed C-H Bond Arylation for the Preparation of Bright Emitting Iridium(III) Complexes. *Inorganic Chemistry*, **2020**, 59, 13898-13911 5.1 4
- 12 Synthesis of 2-(fluorinated aryl)pyridine derivatives via palladium-catalyzed CH bond arylation of fluorobenzenes using 2-halopyridines as aryl sources. *Tetrahedron Letters*, **2017**, 58, 3205-3208 2 3

11	Hemilabile Properties of Chelate Iron Complexes: Synthesis and Structure of Oxametallacycles. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 1387-1389	2.3	3
10	Selektive Aktivierung von Ar-Cl- und Ar-C-Bindungen mit Eisen(II)-Komplexen. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 1009-1012	3.6	3
9	Chemoselective Diels-Alder reactions of a non-symmetrical bis(carbene)-bridged ditungsten complex with 1,3-dienes. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 682, 260-262	2.3	3
8	Reactivity of 4-phenylthiazoles in ruthenium catalyzed direct arylations. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4794	3.1	2
7	Intramolecular cyclopropane formation by insertion of an iron-carbene species into a C-H bond. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1990</b> , 1550-1552		1
6	Linear and Nonlinear Optical Molecular Switches Based on Photochromic Metal Complexes <b>2017</b> , 363-384		1
5	Catalytic activity in transfer hydrogenation using ruthenium (II) carbonyl complexes containing two 1,8-naphthyridine as N-monodentate ligands. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 486, 129-134	2.7	1
4	The switchable phosphorescence and delayed fluorescence of a new rhodamine-like dye through allenylidene formation in a cyclometallated platinum(II) system. <i>Chemical Science</i> , <b>2021</b> , 12, 11056-11064	2.4	1
3	Enhanced reversible solid-state photoswitching of a cationic dithienylethene assembled with a polyoxometalate unit. <i>Journal of Materials Chemistry C</i> ,	7.1	1
2	Ruthenium(II)-carbonyl complexes containing two N-monodentate 1,8-naphthyridine ligands: active catalysis in transfer hydrogenation reactions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 1547-1552	0.8	1
1	Palladium-Catalyzed C-H Bond Arylation of Cyclometalated Difluorinated 2-Arylisoquinoliny Iridium(III) Complexes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 12552-12557	4.8	0