

# Konrad Kowalski

## List of Publications by Year in descending order

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74  
papers

1,685  
citations

257450

24  
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330143

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docs citations

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2147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Click ferrocenyl-erlotinib conjugates active against erlotinib-resistant non-small cell lung cancer cells in vitro. <i>Bioorganic Chemistry</i> , 2022, 119, 105514.	4.1	10
2	Benzannulation of a ditopic ligand to afford mononuclear and dinuclear Ir(III) complexes with intense phosphorescence: applications in singlet oxygen generation and bioimaging. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1870-1877.	5.5	6
3	Ligand design and nuclearity variation towards dual emissive Pt(II) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5636-5647.	5.5	4
4	Chemistry of glycol nucleic acid (GNA): Synthesis, photophysical characterization and insight into the biological activity of phenanthrenyl GNA constituents. <i>Bioorganic Chemistry</i> , 2022, 125, 105847.	4.1	3
5	Electronic Coupling in 1,2,3-Triazole Bridged Ferrocenes and Its Impact on Reactive Oxygen Species Generation and Deleterious Activity in Cancer Cells. <i>Inorganic Chemistry</i> , 2022, 61, 9650-9666.	4.0	9
6	Brief survey on organometalated antibacterial drugs and metal-based materials with antibacterial activity. <i>RSC Chemical Biology</i> , 2021, 2, 368-386.	4.1	30
7	Organometallic nucleosides—Synthesis, transformations, and applications. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213705.	18.8	25
8	Stereo-Defined Ferrocenyl Glycol Nucleic Acid (Fc-GNA) Constituents: Synthesis, Electrochemistry, Mechanism of Formation, and Anticancer Activity Studies. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2171-2181.	2.0	2
9	Metallo-drug Profiling against SARS-CoV-2 Target Proteins Identifies Highly Potent Inhibitors of the S/Ace2 Interaction and the Papain-like Protease PL <sup>pro</sup> . <i>Chemistry - A European Journal</i> , 2021, 27, 17928-17940.	3.3	41
10	Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 1403-1415.	3.3	26
11	Metallo-cenyl 7-ACA Conjugates: Antibacterial Activity Studies and Atomic-Resolution X-ray Crystal Structure with CTX- $\beta$ -Lactamase. <i>ChemBioChem</i> , 2020, 21, 2187-2195.	2.6	9
12	Near Infrared Phosphorescent Dinuclear Ir(III) Complex Exhibiting Unusually Slow Intersystem Crossing and Dual Emissive Behavior. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5849-5855.	4.6	27
13	Redox-Active Glycol Nucleic Acid (GNA) Components: Synthesis and Properties of the Ferrocenyl-GNA Nucleoside, Phosphoramidite, and Semicanonical Dinucleoside Phosphate. <i>Organometallics</i> , 2020, 39, 813-823.	2.3	14
14	Luminescent pyrenyl-GNA nucleosides: synthesis, photophysics and confocal microscopy studies in cancer HeLa cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2449-2460.	2.9	8
15	Luminescent $[\text{Re}(\text{CO})_3(\text{phen})]$ carboxylato complexes with non-steroidal anti-inflammatory drugs: synthesis and mechanistic insights into the <i>in vitro</i> anticancer activity of $[\text{Re}(\text{CO})_3(\text{phen})(\text{aspirin})]$ . <i>New Journal of Chemistry</i> , 2019, 43, 573-583.	2.8	32
16	Encapsulation of the Dinuclear Trithiolato-Bridged Arene Ruthenium Complex Diruthenium(I) in an Apoferritin Nanocage: Structure and Cytotoxicity. <i>ChemMedChem</i> , 2019, 14, 594-602.	3.2	22
17	Substitution of Metallocenes with [2.2]Paracyclophane to Enable Confocal Microscopy Imaging in Living Cells. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2565-2565.	2.0	0
18	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. <i>Dyes and Pigments</i> , 2019, 170, 107554.	3.7	8

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19	Gold-Induced Desulfurization in a Bis(ferrocenyl) Alkane Dithiol. <i>Organometallics</i> , 2019, 38, 2227-2232.	2.3	0
20	Insight into the Biological Activity of Organometallic Acetylsalicylic Acid (Aspirin) Derivatives. <i>ChemPlusChem</i> , 2019, 84, 403-415.	2.8	12
21	Recent developments in the chemistry of ferrocenyl secondary natural product conjugates. <i>Coordination Chemistry Reviews</i> , 2018, 366, 91-108.	18.8	62
22	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Xeno-nucleic Acids. <i>ChemPlusChem</i> , 2018, 83, 77-86.	2.8	14
23	Mechanisms of proton relay and product release by Class A $\beta$ -lactamase at ultrahigh resolution. <i>FEBS Journal</i> , 2018, 285, 87-100.	4.7	12
24	Antibacterial Properties of Metallocenyl-7-ADCA Derivatives and Structure in Complex with CTX-M $\beta$ -Lactamase. <i>Organometallics</i> , 2017, 36, 1673-1676.	2.3	37
25	1,1-Bis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. <i>ChemPlusChem</i> , 2017, 82, 859-866.	2.8	8
26	Cymantrene, Cyrehetrene and Ferrocene Nucleobase Conjugates: Synthesis, Structure, Computational Study, Electrochemistry and Antitrypanosomal Activity. <i>ChemPlusChem</i> , 2017, 82, 303-314.	2.8	29
27	Substitution of Metallocenes with [2.2]Paracyclophane to Enable Confocal Microscopy Imaging in Living Cells. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 297-305.	2.0	13
28	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. <i>Molecules</i> , 2017, 22, 809.	3.8	23
29	Cymantrenyl-Nucleobases: Synthesis, Anticancer, Antitrypanosomal and Antimicrobial Activity Studies. <i>Molecules</i> , 2017, 22, 2220.	3.8	12
30	Pyrene-nucleobase conjugates: synthesis, oligonucleotide binding and confocal bioimaging studies. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2521-2534.	2.2	6
31	Ferrocenyl-nucleobase complexes: Synthesis, chemistry and applications. <i>Coordination Chemistry Reviews</i> , 2016, 317, 132-156.	18.8	82
32	Insights into the in-vitro Anticancer Effects of Diruthenium(I). <i>ChemMedChem</i> , 2016, 11, 2171-2187.	3.2	36
33	Anticancer and Antibacterial Activity Studies of Gold(I)-Alkynyl Chromones. <i>Molecules</i> , 2015, 20, 19699-19718.	3.8	43
34	Synthesis and (spectro)electrochemistry of mixed-valent diferrocenyl-dihydrothiopyran derivatives. <i>Dalton Transactions</i> , 2015, 44, 6268-6276.	3.3	19
35	Antibacterial properties and atomic resolution X-ray complex crystal structure of a ruthenocene conjugated $\beta$ -lactam antibiotic. <i>Chemical Communications</i> , 2015, 51, 6186-6189.	4.1	33
36	Luminescent rhenium(I)-chromone bioconjugate: Synthesis, photophysical properties, and confocal luminescence microscopy investigation. <i>Journal of Organometallic Chemistry</i> , 2015, 782, 124-130.	1.8	22

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37	Synthesis and anticancer activity studies of ferrocenyl-thymine-3,6-dihydro-2H-thiopyranes â€“ A new class of metallocene-nucleobase derivatives. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 216-222.	1.8	18
38	Metallocene-uracil conjugates: Synthesis and biological evaluation of novel mono-, di- and tri-nuclear systems. <i>Journal of Organometallic Chemistry</i> , 2015, 782, 52-61.	1.8	19
39	Ferrocenyl derivatives of pterocarpene and coumestan: Synthesis, structure and anticancer activity studies. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 49-59.	1.8	22
40	Synthesis, Structure, and Spectroelectrochemistry of Ferrocenylâ€“Meldrumâ€™s Acid Donorâ€“Acceptor Systems. <i>Organometallics</i> , 2014, 33, 4697-4705.	2.3	18
41	Ferrocenyl and dicobalt hexacarbonyl chromones â€“ New organometallics inducing oxidative stress and arresting human cancer cells in G2/M phase. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 289-300.	5.5	29
42	Atypical McMurry Cross-Coupling Reactions Leading to a New Series of Potent Antiproliferative Compounds Bearing the Key [Ferrocenyl-Ene-Phenol] Motif. <i>Molecules</i> , 2014, 19, 10350-10369.	3.8	18
43	Lack of electronic coupling despite half-wave potential splittings in ferrocenylvinyl-substituted [2.2]-paracyclophanes. <i>Journal of Organometallic Chemistry</i> , 2013, 735, 10-14.	1.8	13
44	Metallocene-Modified Uracils: Synthesis, Structure, and Biological Activity. <i>Organometallics</i> , 2013, 32, 5766-5773.	2.3	47
45	Highly efficient thermally activated fluorescence of a new rigid Cu(i) complex [Cu(dmp)(phanephos)]+. <i>Dalton Transactions</i> , 2013, 42, 9826.	3.3	153
46	Ferrocenylvinyl-flavones: Synthesis, structure, anticancer and antibacterial activity studies. <i>Journal of Organometallic Chemistry</i> , 2013, 741-742, 153-161.	1.8	36
47	Electronic structures of methylated azaferrocenes and their borane adducts: Photoelectron spectroscopy and electronic structure calculations. <i>Dalton Transactions</i> , 2012, 41, 3675.	3.3	6
48	The synthesis, structure, electrochemistry and in vitro anticancer activity studies of ferrocenyl-thymine conjugates. <i>Journal of Organometallic Chemistry</i> , 2012, 700, 58-68.	1.8	34
49	Preparation and characterization of new chiral ferrocenyl selenides. <i>Journal of Organometallic Chemistry</i> , 2012, 712, 1-6.	1.8	7
50	Synthesis, spectroelectrochemistry and electronic structure calculations of 4-(2-ferrocenylvinyl)-[2.2]-paracyclophane and 4,12-di-(2-ferrocenylvinyl)-[2.2]-paracyclophane. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 14-22.	1.8	22
51	Ferrocenyl bioconjugates of ampicillin and 6-aminopenicillanic acid â€“ Synthesis, electrochemistry and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 234-239.	5.5	36
52	Electronic structure of 2,5-dimethylazaferrocene. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1664-1667.	1.8	6
53	Recent developments in the chemistry of azaferrocenes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1895-1917.	18.8	25
54	Comparative biological evaluation of two ethylene linked mixed binuclear ferrocene/ruthenium organometallic species. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 866-869.	2.2	47

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55	The Synthesis, Structure, and FTIR Spectroelectrochemistry of $W(CO)_5$ Complexes of $4\text{-}[(2,5\text{-dimethylazaferrocenyl})\text{butanoic}]$ and $5\text{-}[(2,5\text{-dimethylazaferrocenyl})\text{pentanoic}]$ Acids. European Journal of Inorganic Chemistry, 2009, 2009, 4069-4077.		
56	The synthesis and electrochemistry of 2,5-dimethylazaferrocenes with heteroaryl bridges. Journal of Organometallic Chemistry, 2009, 694, 1041-1048.	1.8	39
57	Charge Delocalization in a Heterobimetallic Ferrocene $\pi$ -(Vinyl)Ru(CO)Cl(PiPr3) <sub>2</sub> System—Dedicated to Prof. Dr. Helmut Werner on the occasion of his 75th birthday. Organometallics, 2009, 28, 4196-4209.	2.3	79
58	The synthesis, structures, and electrochemistry of $1\text{-}[\text{heteroaryl-}2,5\text{-dimethylazaferrocenes}]$ . Journal of Organometallic Chemistry, 2008, 693, 2181-2187.	1.8	21
59	In vitro DNA scission activity of heterometallocenes. Dalton Transactions, 2007, , 743.	3.3	16
60	Organometallic diphenols: The importance of the organometallic moiety on the expression of a cytotoxic effect on breast cancer cells. Journal of Organometallic Chemistry, 2007, 692, 1315-1326.	1.8	66
61	The synthesis and electrochemical behavior of 1,4-di-(2,5-dimethylazaferrocenyl)-1,3-butadiyne. Journal of Organometallic Chemistry, 2007, 692, 3100-3103.	1.8	11
62	$[\frac{1}{4}\text{-}2\text{-Methyl-}5\text{-}(\text{methylsulfanylmethyl})\text{azaferrocene}]$ bis(pentacarbonyltungsten). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m392-m393.	0.2	4
63	Synthesis, structure and assessment of the cytotoxic properties of 2,5-dimethylazaferrocenyl phosphonates. Dalton Transactions, 2006, , 571-576.	3.3	12
64	trans-Bis(azaferrocene)dichloropalladium(II). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m1832-m1834.	0.2	2
65	The synthesis and characterisation of $1\text{-}[\text{ethynyl-}2,5\text{-dimethylazaferrocene}]$ and derivatives. Journal of Organometallic Chemistry, 2006, 691, 3902-3908.	1.8	8
66	Aryl (ferrocenyl)-capped ethenylazaferrocenes: synthesis, structure and electrochemistry. New Journal of Chemistry, 2006, 30, 901-907.	2.8	11
67	Friedel-Crafts acylation of $W(CO)_5$ -complexes of azaferrocenes. Journal of Organometallic Chemistry, 2005, 690, 1474-1477.	1.8	17
68	Reactions of lithiated 2,5-dimethylazaferrocene with selected electrophiles. Journal of Organometallic Chemistry, 2005, 690, 764-772.	1.8	12
69	Lithiation of 2,5-dimethylazaferrocene. Journal of Organometallic Chemistry, 2004, 689, 1046-1049.	1.8	13
70	$[(\text{1-}5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})_2](\text{Fp})$ -complexes of the parabanic acid mono- and dianion: synthesis, X-ray structures and reactivity of the heterocyclic ligand. Polyhedron, 2004, 23, 1441-1446.	2.2	8
71	Modification of the $\text{Cp}^*\text{ ring}$ in the ferrocifen precursor and its influence on the recognition by the estrogen receptor. Tetrahedron Letters, 2003, 44, 2749-2751.	1.4	17
72	$(\text{1-}5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})_2$ -complexes of uridine and thymidine. Journal of Organometallic Chemistry, 2003, 668, 91-94.	1.8	9

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73	Synthesis of CpFe(CO)(L) Complexes of Hydantoin Anions (Cp = $\eta^5$ -C <sub>5</sub> H <sub>5</sub> , L = CO, PPh <sub>3</sub> ), and the Use of the 5,5-Diphenylhydantoin Anion Complexes as Tracers in the Nonisotopic Immunoassay CMIA of This Antiepileptic Drug. <i>Bioconjugate Chemistry</i> , 1999, 10, 379-385.	3.6	27
74	Transition metal-carbonyl labeling reagent containing iodoacetamido function : CpFe (CO) <sub>2</sub> [ $\eta^1$ -N (1)-4-iodoacetamidophthalimidato] -synthesis and reaction with the phenytoin and ethosuximide anions. <i>Polyhedron</i> , 1998, 17, 2563-2565.	2.2	1