

# 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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76  
all docs

76  
docs citations

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times ranked

2147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient thermally activated fluorescence of a new rigid Cu(I) complex [Cu(dmp)(phanephos)] <sup>+</sup> . Dalton Transactions, 2013, 42, 9826.	3.3	153
2	Ferrocenyl-nucleobase complexes: Synthesis, chemistry and applications. Coordination Chemistry Reviews, 2016, 317, 132-156.	18.8	82
3	Charge Delocalization in a Heterobimetallic Ferrocene <sup>+</sup> (Vinyl)Ru(CO)Cl(PiPr <sub>3</sub> ) <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
4	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
5	Recent developments in the chemistry of ferrocenyl secondary natural product conjugates. Coordination Chemistry Reviews, 2018, 366, 91-108.	18.8	62
6	Comparative biological evaluation of two ethylene linked mixed binuclear ferrocene/ruthenium organometallic species. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 866-869.	2.2	47
7	Metallocene-Modified Uracils: Synthesis, Structure, and Biological Activity. Organometallics, 2013, 32, 5766-5773.	2.3	47
8	Anticancer and Antibacterial Activity Studies of Gold(I)-Alkynyl Chromones. Molecules, 2015, 20, 19699-19718.	3.8	43
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>2</sup> . Chemistry - A European Journal, 2021, 27, 17928-17940.	3.3	41
10	The synthesis and electrochemistry of 2,5-dimethylazaferrocenes with heteroaryl bridges. Journal of Organometallic Chemistry, 2009, 694, 1041-1048.	1.8	39
11	Antibacterial Properties of Metallocenyl-7-ADCA Derivatives and Structure in Complex with CTX-M $\beta$ -Lactamase. Organometallics, 2017, 36, 1673-1676.	2.3	37
12	Ferrocenyl bioconjugates of ampicillin and 6-aminopenicillanic acid—Synthesis, electrochemistry and biological activity. European Journal of Medicinal Chemistry, 2012, 57, 234-239.	5.5	36
13	Ferrocenylvinyl-flavones: Synthesis, structure, anticancer and antibacterial activity studies. Journal of Organometallic Chemistry, 2013, 741-742, 153-161.	1.8	36
14	Insights into the in vitro Anticancer Effects of Diruthenium <sup>II</sup> . ChemMedChem, 2016, 11, 2171-2187.	3.2	36
15	The synthesis, structure, electrochemistry and in vitro anticancer activity studies of ferrocenyl-thymine conjugates. Journal of Organometallic Chemistry, 2012, 700, 58-68.	1.8	34
16	Antibacterial properties and atomic resolution X-ray complex crystal structure of a ruthenocene conjugated $\beta$ -lactam antibiotic. Chemical Communications, 2015, 51, 6186-6189.	4.1	33
17	Luminescent fac-[Re(CO) <sub>3</sub> (phen)] carboxylato complexes with non-steroidal anti-inflammatory drugs: synthesis and mechanistic insights into the in vitro anticancer activity of fac-[Re(CO) <sub>3</sub> (phen)(aspirin)]. New Journal of Chemistry, 2019, 43, 573-583.	2.8	32
18	Brief survey on organometalated antibacterial drugs and metal-based materials with antibacterial activity. RSC Chemical Biology, 2021, 2, 368-386.	4.1	30

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19	Ferrocenyl and dicobalt hexacarbonyl chromones – 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
20	Cymantrene, Cyrhretrene and Ferrocene Nucleobase Conjugates: Synthesis, Structure, Computational Study, Electrochemistry and Antitrypanosomal Activity. <i>ChemPlusChem</i> , 2017, 82, 303-314.	2.8	29
21	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 CMA of This Antiepileptic Drug. <i>Bioconjugate Chemistry</i> , 1999, 10, 379-385.	3.6	27
22	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
23	Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 1403-1415.	3.3	26
24	Recent developments in the chemistry of azaferrocenes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1895-1917.	18.8	25
25	Organometallic nucleosides – Synthesis, transformations, and applications. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213705.	18.8	25
26	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. <i>Molecules</i> , 2017, 22, 809.	3.8	23
27	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
28	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
29	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
30	Encapsulation of the Dinuclear Trithiolato – Bridged Arene Ruthenium Complex Diruthenium in an Apoferritin Nanocage: Structure and Cytotoxicity. <i>ChemMedChem</i> , 2019, 14, 594-602.	3.2	22
31	The synthesis, structures, and electrochemistry of $\eta^2$ -heteroaryl-2,5-dimethylazaferrocenes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2181-2187.	1.8	21
32	Synthesis and (spectro)electrochemistry of mixed-valent diferrocenyl – dihydrothiopyran derivatives. <i>Dalton Transactions</i> , 2015, 44, 6268-6276.	3.3	19
33	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
34	Synthesis, Structure, and Spectroelectrochemistry of Ferrocenyl – Meldrum – TM's Acid Donor – Acceptor Systems. <i>Organometallics</i> , 2014, 33, 4697-4705.	2.3	18
35	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
36	Synthesis and anticancer activity studies of ferrocenyl-thymine-3,6-dihydro-2H-thiopyranes – A new class of metallocene-nucleobase derivatives. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 216-222.	1.8	18

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37	Modification of the Cp* ring in the ferrocifen precursor and its influence on the recognition by the estrogen receptor. <i>Tetrahedron Letters</i> , 2003, 44, 2749-2751.	1.4	17
38	Friedel-Crafts acylation of W(CO) <sub>5</sub> -complexes of azaferrocenes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1474-1477.	1.8	17
39	In vitro DNA scission activity of heterometallobenes. <i>Dalton Transactions</i> , 2007, , 743.	3.3	16
40	Ferrocenyl GNA Nucleosides: A Bridge between Organic and Organometallic Nucleic Acids. <i>ChemPlusChem</i> , 2018, 83, 77-86.	2.8	14
41	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
42	Lithiation of 2,5-dimethylazaferrocene. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1046-1049.	1.8	13
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	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
45	Reactions of lithiated 2,5-dimethylazaferrocene with selected electrophiles. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 764-772.	1.8	12
46	Synthesis, structure and assessment of the cytotoxic properties of 2,5-dimethylazaferrocenyl phosphonates. <i>Dalton Transactions</i> , 2006, , 571-576.	3.3	12
47	Cymantrenyl-Nucleobases: Synthesis, Anticancer, Antitrypanosomal and Antimicrobial Activity Studies. <i>Molecules</i> , 2017, 22, 2220.	3.8	12
48	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
49	Insight into the Biological Activity of Organometallic Acetylsalicylic Acid (Aspirin) Derivatives. <i>ChemPlusChem</i> , 2019, 84, 403-415.	2.8	12
50	Aryl (ferrocenyl)-capped ethenylazaferrocenes: synthesis, structure and electrochemistry. <i>New Journal of Chemistry</i> , 2006, 30, 901-907.	2.8	11
51	The synthesis and electrochemical behavior of 1,4-di-(2,5-dimethylazaferrocenyl)-1,3-butadiyne. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3100-3103.	1.8	11
52	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
53	( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )Fe(CO) <sub>2</sub> -complexes of uridine and thymidine. <i>Journal of Organometallic Chemistry</i> , 2003, 668, 91-94.	1.8	9
54	The Synthesis, Structure, and FTIR Spectroelectrochemistry of W(CO) <sub>5</sub> Complexes of 4-(2,5-dimethylazaferrocenyl)butanoic and 5-(2,5-dimethylazaferrocenyl)pentanoic Acid. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4069-4077.		

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55	Metallocenyl 7 $\alpha$ -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
56	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
57	[( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )Fe(CO) <sub>2</sub> ](Fp)-complexes of the parabanic acid mono- and dianion: synthesis, X-ray structures and reactivity of the heterocyclic ligand. <i>Polyhedron</i> , 2004, 23, 1441-1446.	2.2	8
58	The synthesis and characterisation of 1 $\alpha$ -ethynyl-2,5-dimethylazaferrocene and derivatives. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3902-3908.	1.8	8
59	1,1 $\alpha$ -Bis(thymine)ferrocene Nucleoside: Synthesis and Study of Its Stereoselective Formation. <i>ChemPlusChem</i> , 2017, 82, 859-866.	2.8	8
60	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
61	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. <i>Dyes and Pigments</i> , 2019, 170, 107554.	3.7	8
62	Preparation and characterization of new chiral ferrocenyl selenides. <i>Journal of Organometallic Chemistry</i> , 2012, 712, 1-6.	1.8	7
63	Electronic structure of 2,5-dimethylazaferrocene. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1664-1667.	1.8	6
64	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
65	Pyrene $\alpha$ -nucleobase conjugates: synthesis, oligonucleotide binding and confocal bioimaging studies. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2521-2534.	2.2	6
66	Benzannulation of a ditopic ligand to afford mononuclear and dinuclear Ir( $\text{III}$ ) 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
67	[ $\eta$ -4-2-Methyl-5-(methylsulfanylmethyl)azaferrocene]bis(pentacarbonyltungsten). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m392-m393.	0.2	4
68	Ligand design and nuclearity variation towards dual emissive Pt( $\text{II}$ ) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5636-5647.	5.5	4
69	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
70	trans-Bis(azaferrocene)dichloropalladium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1832-m1834.	0.2	2
71	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
72	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

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73	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
74	Gold-Induced Desulfurization in a Bis(ferrocenyl) Alkane Dithiol. <i>Organometallics</i> , 2019, 38, 2227-2232.	2.3	0