

# Paul Kiprof

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and biological evaluation of arylphosphonium-benzoxaborole conjugates as novel anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127259.	2.2	6
2	Tuning Up an Electronic Structure of the Subphthalocyanine Derivatives toward Electron-Transfer Process in Noncovalent Complexes with C <sub>60</sub> and C <sub>70</sub> Fullerenes: Experimental and Theoretical Studies. <i>Inorganic Chemistry</i> , 2016, 55, 9549-9563.	4.0	36
3	Synthesis and evaluation of functionalized benzoboroxoles as potential anti-tuberculosis agents. <i>Tetrahedron</i> , 2016, 72, 3795-3801.	1.9	24
4	Systematic color tuning of a family of luminescent azole-based organoboron compounds suitable for OLED applications. <i>Dalton Transactions</i> , 2013, 42, 15120.	3.3	26
5	Dative stabilization of carbocations. <i>Computational and Theoretical Chemistry</i> , 2009, 896, 69-72.	1.5	1
6	Study of bite angle effects in hydroformylation. <i>Computational and Theoretical Chemistry</i> , 2008, 849, 103-111.	1.5	16
7	New Bioactive Bromotyrosine-Derived Alkaloid from a Marine Sponge <i>Aplysinella</i> sp.. <i>Planta Medica</i> , 2008, 74, 555-559.	1.3	13
8	3H-2,1-Benzoxaborole-1-spiro-4 $\alpha$ -(5-oxa-3 $\alpha$ -aza-4-borapyrene). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o314-o315.	0.2	4
9	Practical synthesis and applications of benzoboroxoles. <i>Tetrahedron</i> , 2007, 63, 9401-9405.	1.9	37
10	High-valent transition metal arene complexes: Investigation of the mesitylene complex of. <i>Inorganica Chimica Acta</i> , 2006, 359, 4847-4850.	2.4	2
11	A computational study of sulfur bridged cyclooctatetraenophanes. <i>Journal of Molecular Graphics and Modelling</i> , 2006, 25, 543-548.	2.4	0
12	Theoretical investigation of sulfur and halogen-substituted carbocations. <i>Computational and Theoretical Chemistry</i> , 2006, 764, 61-67.	1.5	12
13	trans Influences on Hypervalent Bonding of Aryl $\pi$ -3-Iodanes: Their Stabilities and Isodesmic Reactions of Benziodoxolones and Benziodazolones. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8203-8206.	13.8	112
14	The nature of iodine oxygen bonds in hypervalent 10-I-3 iodine compounds. <i>Arkivoc</i> , 2005, 2005, 19-25.	0.5	3
15	Double- and Triple-Consecutive O-Insertion into tert-Butyl and Triarylmethyl Structures.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
16	Stability of carboxonium ions. <i>Computational and Theoretical Chemistry</i> , 2004, 674, 43-47.	1.5	14
17	Double- and Triple-Consecutive O-Insertion into tert-Butyl and Triarylmethyl Structures. <i>Organic Letters</i> , 2004, 6, 2539-2542.	4.6	8
18	Self-assembly of hypervalent iodine through primary and secondary bonding. <i>Arkivoc</i> , 2003, 2003, 170-178.	0.5	15

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19	A Consecutive Double-Criegee Rearrangement Using TFPAA: A Stepwise Conversion of Homoadamantane to Oxahomoadamantanes. <i>Journal of Organic Chemistry</i> , 2001, 66, 1701-1707.	3.2	15
20	The effect of solubility on the stability of titanium(IV) arene complexes derived from hexasubstituted arenes and TiCl <sub>4</sub> . <i>Journal of Organometallic Chemistry</i> , 2001, 620, 113-118.	1.8	13
21	Synthesis and reactions of amino acid-derived benziodazole oxides: new chiral oxidizing reagents. <i>Tetrahedron Letters</i> , 2000, 41, 5299-5302.	1.4	66
22	Observation of a Stable Carbocation in a Consecutive Criegee Rearrangement with Trifluoroperacetic Acid. <i>Journal of Organic Chemistry</i> , 2000, 65, 3926-3933.	3.2	26
23	Reluctant formation of a titanium(IV) arene complex. <i>Mendeleev Communications</i> , 2000, 10, 170-171.	1.6	4
24	Synthesis and structure of benzoboroxoles: novel organoboron heterocycles. <i>Tetrahedron Letters</i> , 1999, 40, 6705-6708.	1.4	66
25	Structure and Chemistry of Hypervalent Iodine Heterocycles: A Acid-Catalyzed Rearrangement of Benziodazol-3-ones to 3-Iminiumbenziodoxoles. <i>Journal of Organic Chemistry</i> , 1998, 63, 6590-6596.	3.2	48
26	An ab initio study of annulation effects on the valence isomerism of benzene. <i>Computational and Theoretical Chemistry</i> , 1997, 419, 185-189.	1.5	3
27	The effects of annulation on cyclobutadiene bond alternation: a comparative study of semiempirical and ab initio methods. <i>Computational and Theoretical Chemistry</i> , 1996, 368, 197-204.	1.5	3
28	The molecular structure of tetramethyloxorhenium, (CH <sub>3</sub> ) <sub>4</sub> ReO, by gas electron diffraction. <i>Journal of Molecular Structure</i> , 1995, 352-353, 153-156.	3.6	3
29	Synthesis and structure of silylene complexes of silacyclobutanes. <i>Journal of Organometallic Chemistry</i> , 1995, 501, 387-398.	1.8	1
30	Mehrfachbindungen zwischen Hauptgruppenelementen und $\bar{A}$ bergangsmetallen, CXIV. Organorhenium(VII)- $\bar{A}$ oxide. <i>Chemische Berichte</i> , 1993, 126, 45-50.	0.2	58
31	Metallkomplexe in Biologie und Medizin, V. Neue Hydroxycarboxylat-Komplexe von Bismut. Synthese und Struktur von Bismut(III)-malat-monohydrat und Bismut(III)-tartrat-trihydrat. <i>Chemische Berichte</i> , 1993, 126, 51-56.	0.2	36
32	Surprising Differences in the Cycloaddition Reactions of Cumulenes and Heterocumulenes to Vinylidenetitanocene: Formation of Four- or Five-Membered Titanacycles. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 264-266.	4.4	39
33	Mononuclear bis-aminocarbyne complexes of tungsten with Tp <sup>2</sup> ligands; theory of metal-centred carbyne-carbyne coupling. <i>Journal of Organometallic Chemistry</i> , 1993, 459, 233-247.	1.8	36
34	New insights into the electrochemistry of molybdenum(VI) dioxo complexes containing a tetradentate S <sub>2</sub> (NH) <sub>2</sub> -type ligand. <i>Inorganic Chemistry</i> , 1993, 32, 1838-1843.	4.0	19
35	Reversible intramolecular base-stabilization in silylene (silanediyl) complexes: surprising reactivity for silylene coordination compounds with a dynamic N...Si...N bond. <i>Organometallics</i> , 1993, 12, 2162-2176.	2.3	97
36	Rearrangement of a propargyl vinyl rhenium complex to a rhenium allenyl vinyl ketone complex. <i>Journal of the American Chemical Society</i> , 1992, 114, 10826-10834.	13.7	10

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37	Silaheterocycles. 16. [1,3]-Sigmatropic migration of an alkoxy group: dichlorosilene to dimethylsilene rearrangement. <i>Journal of the American Chemical Society</i> , 1992, 114, 4910-4911.	13.7	16
38	Multiple bonds between main-group elements and transition metals. 104. ( $\sigma$ -Aryl)trioxorhenium(VII) complexes: syntheses, structural characterization, and properties. <i>Organometallics</i> , 1992, 11, 1072-1081.	2.3	50
39	Multiple bonds between main group elements and transition metals. 95. Synthesis and reactivity of $\text{TcCl}(\text{CO})_3[\text{P}(\text{C}_6\text{H}_5)_3]_2$ : novel technetium complexes of 1,4,7-triazacyclononane and hydridotris(pyrazolyl)borate. <i>Inorganic Chemistry</i> , 1992, 31, 895-899.	4.0	48
40	Synthesis and reactivity of molybdenocene isocyanide complexes; crystal structure of $(\eta^5\text{-C}_5\text{H}_5)_2\text{MoCNtBu}$ . <i>Journal of Organometallic Chemistry</i> , 1992, 423, 367-390.	1.8	30
41	Carbyne-carbyne coupling at a single metal center. Synthesis structure of bis(diethylamino)acetylene complexes of molybdenum(II) and tungsten(II). <i>Journal of Organometallic Chemistry</i> , 1992, 434, 201-223.	1.8	28
42	Metalle in Biologie und Medizin, III. Bismutlactat: Darstellung und Strukturchemie eines Hydroxycarboxylat-Komplexes. <i>Chemische Berichte</i> , 1992, 125, 43-46.	0.2	31
43	Synthese von $\eta^1,2,3,4$ -Triazametallol-Komplexen durch Addition von Azidoameisensäuremethylester an die Metall-Kohlenstoff-Dreifachbindung Cyclopentadienyl-substituierter Carbin-Komplexe von Molybdän und Wolfram. <i>Chemische Berichte</i> , 1992, 125, 1571-1573.	0.2	23
44	Metallcarbonyl-Synthesen, XXI. Einfache Synthese eines präparativ nützlichen Alkoxy(carbonyl)metallats. <i>Chemische Berichte</i> , 1992, 125, 1795-1799.	0.2	65
45	Metallkomplexe in Biologie und Medizin, IV. Darstellung und Kristallstruktur von Bis(2-aminoethanthiolato)bismut(III)-nitrat-Monohydrat. <i>Chemische Berichte</i> , 1992, 125, 2657-2660.	0.2	15
46	High Molecular Weight Polypropylene through Specifically Designe Zirconocene Catalysts. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1347-1350.	4.4	269
47	Multiple bonds between main-group elements and transition metals. 77. Condensation reactions of methyltrioxorhenium(VII) with catechols and aromatic thiols. <i>Organometallics</i> , 1991, 10, 316-320.	2.3	39
48	Structure and metal coordination of the diphosphane 2,2'-bis((diphenylphosphino)methyl)-1,1'-biphenyl ("BISBI"). <i>Inorganic Chemistry</i> , 1991, 30, 4271-4275.	4.0	41
49	Multiple bonds between main-group elements and transition metals. 86. Methyltrioxorhenium(VII) and trioxo( $\eta^5$ -pentamethylcyclopentadienyl)rhenium(VII): structures, spectroscopy and electrochemistry. <i>Journal of the American Chemical Society</i> , 1991, 113, 6527-6537.	13.7	117
50	Selective substitution of an imido ligand in alkyl- and aryl-imido rhenium(VII) complexes; crystal structures of (2,6-dimethylphenyl)ammonium trichlorobis(2,6-dimethylphenyl-imido)methylrhenate(VII) and bis(2,6-dimethylphenylimido)methylbis(neopentyl)rhenium(VII). <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 797.	1.1	16
51	Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. <i>Journal of Organometallic Chemistry</i> , 1991, 413, 11-25.	1.8	25
52	Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. <i>Journal of Organometallic Chemistry</i> , 1991, 413, 27-41.	1.8	13
53	Selective synthesis of four- and five-membered metallaheterocycles via C-C bond-forming reactions of $\eta^2$ -iminoacyl and $\eta^3$ -1-azaallyl complexes of tungsten with alkyl isocyanides. <i>Journal of Organometallic Chemistry</i> , 1991, 415, 375-394.	1.8	31
54	Alkyl- and Arylrhenium Trioxides. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 185-187.	4.4	58

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55	Metal-Centered Coupling of Two Carbyne Ligands To Form an Alkyne Ligand. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1167-1169.	4.4	55
56	Alkyl- und Arylrheniumtrioxide. <i>Angewandte Chemie</i> , 1991, 103, 183-185.	2.0	37
57	Metallzentrierte Kupplung von zwei Carbin- zu einem Alkin-Liganden. <i>Angewandte Chemie</i> , 1991, 103, 1188-1191.	2.0	33
58	Metal Bonding by Amino Acids: Preparation and Crystal Structures of Calcium Bis- $\pi$ -pyroglutamate and Lithium $\pi$ -pyroglutamate. Calcium bis- $\pi$ -pyroglutamate and lithium $\pi$ -pyroglutamate are prepared by reaction of the metal hydroxides with $\pi$ -pyroglutamic acid in aqueous solution. In the solid state calcium bis- $\pi$ -pyroglutamate adopts a layer structure, built up by sixteen-membered rings consisting of four $\pi$ -pyroglutamate ligands bridging four calcium centers by their carboxylate groups. All three oxygen donors of. <i>Chemische Berichte</i> , 1991, 124, 1083-1087.	0.2	7
59	Mehrfachbindungen zwischen Hauptgruppenelementen und $\frac{1}{4}$ bergangsmetallen, XC. Selektive Bildung von Alkylrheniumoxiden aus Glykolat-Komplexen. <i>Chemische Berichte</i> , 1991, 124, 1101-1106.	0.2	34
60	Basen-induzierte Alkin-Spaltung in W(II)-Komplexen – ein neuer Weg zu niedervalenten Carbin-Komplexen aus $W(CO)_6$ / Base-Induced Alkyne Cleavage in W(II) Complexes – a New Way to Low Valent Carbyne Complexes from $W(CO)_6$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1990, 45, 351-368.	0.7	16
61	Multiple bonds between main group elements and transition metals – LXXXI. Condensation reactions of high-valent pentamethylcyclopentadienyl rhenium complexes with thiophenol and derivatives: Synthetic and structural aspects. <i>Polyhedron</i> , 1990, 9, 2211-2220.	2.2	9
62	Alkyltechnetium Oxides: First Examples and Reactions. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 189-191.	4.4	49
63	Alkyne Cleavage as a Novel Route to Low-Valent Carbyne-Metal Complexes. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 207-209.	4.4	29
64	Organoosmium Oxides: Efficient Syntheses and Structures. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1445-1448.	4.4	23
65	Alkinspaltung als neuer Weg zu niedervalenten Carbinmetallkomplexen. <i>Angewandte Chemie</i> , 1990, 102, 224-226.	2.0	19
66	Organoosmiumoxide – gezielte Synthesen und Strukturen. <i>Angewandte Chemie</i> , 1990, 102, 1460-1463.	2.0	15
67	Mehrfachbindungen zwischen Hauptgruppenelementen und $\frac{1}{4}$ bergangsmetallen, LXXXII. Zweikernige $\frac{1}{4}$ -Benzylidin-Komplexe mit Doppelbindung zwischen Rheniumatomen. <i>Chemische Berichte</i> , 1990, 123, 1971-1974.	0.2	6
68	Fulvenylsubstituierte Cp-Liganden: Synthese und Struktur von (6-Pentafulvenyl- $\eta$ -5-cyclopentadienyl)tricarbonylmolybdat(0). <i>Journal of Organometallic Chemistry</i> , 1990, 397, C1-C5.	1.8	4
69	Multiple bonds between transition metals and main-group elements. 73. Synthetic routes to rhenium(V) alkyl and rhenium(VII) alkylidyne complexes. X-ray crystal structures of ( $\eta$ -5-C <sub>5</sub> Me <sub>5</sub> )Re(:O)(CH <sub>3</sub> )[CH <sub>2</sub> C(CH <sub>3</sub> ) <sub>3</sub> ] and ( $\eta$ -5-C <sub>5</sub> Me <sub>5</sub> )(Br) <sub>3</sub> Re.tplbond.CC(CH <sub>3</sub> ) <sub>3</sub> . <i>Organometallics</i> , 1990, 9, 1434-1443.	2.3	21
70	Multiple bonds between transition metals and main-group elements. 74. Five-membered rhenacycles through condensation reactions of methyl(trioxo)rhenium(VII) with bidentate ligands. X-ray crystal structures of 8-oxyquinolinato and catecholato complexes. <i>Organometallics</i> , 1990, 9, 782-787.	2.3	33
71	Alkyl- und Alkyldin-Komplexe des Rheniums. <i>Angewandte Chemie</i> , 1989, 101, 346-348.	2.0	12
72	Alkyl and Alkylidyne Complexes of Rhenium. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 334-337.	4.4	24

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73	Multiple bonds between main group elements and transition metals. Journal of Organometallic Chemistry, 1989, 369, C1-C5.	1.8	18
74	Synthesis and X-ray crystal structure of Fe(CO) <sub>2</sub> [O <sub>2</sub> CCH <sub>2</sub> P(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> ] <sub>2</sub> , the first iron carbonyl complex with two carboxylate ligands. Polyhedron, 1989, 8, 1503-1507.	2.2	4
75	Synthesis and structural characterization of a mixed-ring rhenocene hydride complex, ( $\eta^5$ -cyclopentadienyl) ( $\eta^5$ -pentamethylcyclopentadienyl)hydridorhenium. Inorganic Chemistry, 1989, 28, 2890-2893.	4.0	10
76	Multiple bonds between main-group elements and transition metals. 67. Synthesis of novel half-sandwich rhenium(V) complexes of mono- and bidentate sulfur-containing ligands: x-ray crystal structure of the xanthate-S,S complex ( $\eta^5$ -C <sub>5</sub> Me <sub>5</sub> )ReCl <sub>3</sub> (S <sub>2</sub> CO-c-C <sub>6</sub> H <sub>11</sub> ). Organometallics, 1989, 8, 2394-2398.	2.3	6
77	A dynamical "white spot" on the potential energy surface: The close interaction region of the collinear hydrogen transfer reaction F+DBr <sup>+</sup> FD+Br. Journal of Chemical Physics, 1987, 87, 941-952.	3.0	21