Pavel Kocovsk

List of Publications by Year in Descending Order

188 papers	7,766 citations	49 h-index	82 g-index
261 ext. papers	8,395 ext. citations	5.6 avg, IF	5.72 L-index

#	Paper	IF	Citations
188	Non-enzymatic Electrochemical Determination of Cholesterol in Dairy Products on Boron-doped Diamond Electrode. *Food Chemistry*, **2022**, 133278	8.5	0
187	Reaction Outcome Critically Dependent on the Method of Workup: An Example from the Synthesis of 1-Isoquinolones. *Journal of Organic Chemistry*, **2021**, 86, 8078-8088	4.2	1
186	Voltammetry of 7-dehydrocholesterol as a new and useful tool for Smith-Lemli-Opitz syndrome diagnosis. *Talanta*, **2021**, 229, 122260	6.2	2
185	Nucleophile-assisted cyclization of ╫propargylamino acrylic compounds catalyzed by gold(I): a rapid construction of multisubstituted tetrahydropyridines and their fused derivatives. *Organic Chemistry Frontiers*, **2020**, 7, 3356-3367	5.2	1
184	A novel voltammetric approach to the detection of primary bile acids in serum samples. *Bioelectrochemistry*, **2020**, 134, 107539	5.6	3
183	A New Insight into the Stereoelectronic Control of the Pd -Catalyzed Allylic Substitution: Application for the Synthesis of Multisubstituted Pyran-2-ones via an Unusual 1,3-Transposition. *Chemistry - A European Journal*, **2019**, 25, 8053-8060	4.8	
182	Bile acids: Electrochemical oxidation on bare electrodes after acid-induced dehydration. *Electrochemistry Communications*, **2018**, 86, 99-103	5.1	10
181	Lewis Base-Catalyzed Reactions of SiX 3-Based Reagents with C=O, C=N (n?-P) **2016**, 1011-1038		3
180	Lewis Bases as Catalysts in the Reduction of Imines and Ketones with Silanes (n?-P) **2016**, 1077-1112		4
179	The syn/anti-dichotomy in the palladium-catalyzed addition of nucleophiles to alkenes. *Chemistry - A European Journal*, **2015**, 21, 36-56	4.8	89
178	Cross-Aldol Reaction of Isatin with Acetone Catalyzed by Leucinol: A Mechanistic Investigation. *Chemistry - A European Journal*, **2015**, 21, 12026-33	4.8	14
177	Palladium-catalyzed stereoselective intramolecular oxidative amidation of alkenes in the synthesis of 1,3- and 1,4-amino alcohols and 1,3-diamines. *Chemistry - A European Journal*, **2014**, 20, 4901-5	4.8	18
176	Palladium-catalyzed alkoxycarbonylation of terminal alkenes to produce ⌑,╫unsaturated esters: the key role of acetonitrile as a ligand. *Chemistry - A European Journal*, **2014**, 20, 4542-7	4.8	19
175	Proton Affinities of Organocatalysts Derived from Pyridine N-oxide. *Croatica Chemica Acta*, **2014**, 87, 349-356	0.8	1
174	Lewis Bases **2013**, 381-429		4
173	Mechanistic dichotomy in the asymmetric allylation of aldehydes with allyltrichlorosilanes catalyzed by chiral pyridine N-oxides. *Chemistry - A European Journal*, **2013**, 19, 9167-85	4.8	29
172	Catalyst development for organocatalytic hydrosilylation of aromatic ketones and ketimines. *Organic and Biomolecular Chemistry*, **2012**, 10, 4864-77	3.9	26

171	Stereoselective palladium-catalyzed functionalization of homoallylic alcohols: a convenient synthesis of di- and trisubstituted isoxazolidines and β-amino-γ-hydroxy esters. *Chemistry - A European Journal*, **2012**, 18, 6873-84	4.8	31
170	Enantioselective allylation of α,β-unsaturated aldehydes with allyltrichlorosilane catalyzed by METHOX. *Journal of Organic Chemistry*, **2011**, 76, 4800-4	4.2	30
169	Mapping lipid and detergent molecules at the surface of membrane proteins. *Biochemical Society Transactions*, **2011**, 39, 775-9	5.1	4
168	A novel bifunctional allyldisilane as a triple allylation reagent in the stereoselective synthesis of trisubstituted tetrahydrofurans. *Chemistry - A European Journal*, **2011**, 17, 7162-6	4.8	36
167	A modular approach to aryl-C-ribonucleosides via the allylic substitution and ring-closing metathesis sequence. a stereocontrolled synthesis of all four α-/β-and D-/L-C-nucleoside stereoisomers. *Journal of Organic Chemistry*, **2011**, 76, 7781-803	4.2	21
166	New monoterpene-derived phosphinopyridine ligands and their application in the enantioselective iridium-catalyzed hydrogenation. *Tetrahedron*, **2011**, 67, 5421-5431	2.4	25
165	Dendron-anchored organocatalysts: the asymmetric reduction of imines with trichlorosilane, catalysed by an amino acid-derived formamide appended to a dendron. *Organic and Biomolecular Chemistry*, **2010**, 8, 137-41	3.9	27
164	Synthesis of γ-functionalized allyltrichlorosilanes and their application in the asymmetric allylation of aldehydes. *Tetrahedron: Asymmetry*, **2010**, 21, 1173-1175		13
163	Enantioselective and catalytic method for alpha-crotylation of aldehydes with a kinetic self-refinement of stereochemistry. *Chemistry - A European Journal*, **2009**, 15, 1570-3	4.8	45
162	Soluble polymer-supported organocatalysts: asymmetric reduction of imines with trichlorosilane catalyzed by an amino acid derived formamide anchored to a soluble polymer. *Chemistry - A European Journal*, **2009**, 15, 9651-4	4.8	29
161	New organocatalysts for the asymmetric reduction of imines with trichlorosilane. *Tetrahedron*, **2009**, 65, 9481-9486	2.4	36
160	Weak intra- and intermolecular interactions in a binaphthol imine: an experimental charge-density study on (+/-)-8'-benzhydrylideneamino-1,1'-binaphthyl-2-ol. *Acta Crystallographica Section B: Structural Science*, **2009**, 65, 757-69		30
159	Asymmetric reduction of imines with trichlorosilane, catalyzed by sigamide, an amino acid-derived formamide: scope and limitations. *Journal of Organic Chemistry*, **2009**, 74, 5839-49	4.2	117
158	Organocatalysts immobilised onto gold nanoparticles: application in the asymmetric reduction of imines with trichlorosilane. *Organic and Biomolecular Chemistry*, **2009**, 7, 1878-83	3.9	43
157	On the selective N-methylation of BOC-protected amino acids. *Journal of Organic Chemistry*, **2009**, 74, 8425-7	4.2	27
156	C-nucleosides: synthetic strategies and biological applications. *Chemical Reviews*, **2009**, 109, 6729-64	68.1	250
155	Desymmetrization of cyclic meso-epoxides with silicon tetrachloride catalyzed by PINDOX, a chiral bipyridine mono-N-oxide. *Organic Letters*, **2009**, 11, 5390-3	6.2	40
154	Asymmetric synthesis: From transition metals to organocatalysis. *Pure and Applied Chemistry*, **2008**, 80, 953-966	2.1	27

153	Enantioselective Baeyer-Villiger oxidation catalyzed by palladium(II) complexes with chiral P,N-ligands. *Journal of Organic Chemistry*, **2008**, 73, 3996-4003	4.2	64
152	On the mechanism of asymmetric allylation of aldehydes with allyltrichlorosilanes catalyzed by QUINOX, a chiral isoquinoline N-oxide. *Journal of the American Chemical Society*, **2008**, 130, 5341-8	16.4	103
151	Preparation of Boc-Protected Cinnamyl-Type Alcohols: A Comparison of the Suzuki-Miyaura Coupling, Cross-Metathesis, and Horner-Wadsworth-Emmons Approaches and Their Merit in Parallel Synthesis. *Collection of Czechoslovak Chemical Communications*, **2008**, 73, 705-732		9
150	Synthesis of enantiopure 1-arylprop-2-en-1-ols and their tert-butyl carbonates. *Journal of Organic Chemistry*, **2008**, 73, 9148-50	4.2	26
149	Polymer-supported organocatalysts: asymmetric reduction of imines with trichlorosilane catalyzed by an amino acid-derived formamide anchored to a polymer. *Journal of Organic Chemistry*, **2008**, 73, 3985-95	4.2	53
148	Dynamic kinetic resolution in the asymmetric synthesis of beta-amino acids by organocatalytic reduction of enamines with trichlorosilane. *Chemistry - A European Journal*, **2008**, 14, 8082-5	4.8	80
147	New pinene-derived pyridines as bidentate chiral ligands. *Tetrahedron*, **2008**, 64, 4011-4025	2.4	41
146	New pyridine N-oxides as chiral organocatalysts in the asymmetric allylation of aromatic aldehydes. *Tetrahedron*, **2008**, 64, 11335-11348	2.4	70
145	Synthesis of (R)- and (S)-2-N-methylamino-2,3-dimethylbutanamides and (R)- and (S)-(5-isopropyl-1,5-dimethyl-4,5-dihydro-1H-imidazol-4-on-2-yl)pyridines. *Tetrahedron: Asymmetry*, **2008**, 19, 384-390		8
144	Enantioselective synthesis of 1,2-diarylaziridines by the organocatalytic reductive amination of alpha-chloroketones. *Angewandte Chemie - International Edition*, **2007**, 46, 3722-4	16.4	95
143	Enantioselective Synthesis of 1,2-Diarylaziridines by the Organocatalytic Reductive Amination of □-Chloroketones. *Angewandte Chemie*, **2007**, 119, 3796-3798	3.6	28
142	Chiral N-Oxides in Asymmetric Catalysis. *European Journal of Organic Chemistry*, **2007**, 2007, 29-36	3.2	232
141	Organocatalysis with a fluorous tag: asymmetric reduction of imines with trichlorosilane catalyzed by amino acid-derived formamides. *Journal of Organic Chemistry*, **2007**, 72, 1315-25	4.2	91
140	Vicinal amino alcohols as organocatalysts in asymmetric cross-aldol reaction of ketones: application in the synthesis of convolutamydine A. *Organic Letters*, **2007**, 9, 5473-6	6.2	164
139	Asymmetric allylic substitution catalyzed by C1-symmetrical complexes of molybdenum: structural requirements of the ligand and the stereochemical course of the reaction. *Chemistry - A European Journal*, **2006**, 12, 6910-29	4.8	70
138	Remote chiral induction in the organocatalytic hydrosilylation of aromatic ketones and ketimines. *Angewandte Chemie - International Edition*, **2006**, 45, 1432-5	16.4	131
137	Remote Chiral Induction in the Organocatalytic Hydrosilylation of Aromatic Ketones and Ketimines. *Angewandte Chemie*, **2006**, 118, 1460-1463	3.6	34
136	Formamides derived from N-methyl amino acids serve as new chiral organocatalysts in the enantioselective reduction of aromatic ketimines with trichlorosilane. *Tetrahedron*, **2006**, 62, 264-284	2.4	94

135	METHOX: a new pyridine N-oxide organocatalyst for the asymmetric allylation of aldehydes with allyltrichlorosilanes. *Organic Letters*, **2005**, 7, 3219-22	6.2	133
134	Amino acid-derived hydroxamic acids as chiral ligands in the vanadium catalysed epoxidation. *Organic and Biomolecular Chemistry*, **2005**, 3, 3194-200	3.9	25
133	From transition metals to organocatalysis. *Russian Chemical Bulletin*, **2004**, 53, 1806-1812	1.7	13
132	Chiral recognition in solution and the gas phase. Experimental and theoretical studies of aromatic D- and L-amino acid-Cu(II)-chiragen complexes. *Journal of Mass Spectrometry*, **2004**, 39, 1044-52	2.2	25
131	Role of noncovalent interactions in the enantioselective reduction of aromatic ketimines with trichlorosilane. *Organic Letters*, **2004**, 6, 2253-6	6.2	158
130	Quinox, a Quinoline-Type N-Oxide, as Organocatalyst in the Asymmetric Allylation of Aromatic Aldehydes with Allyltrichlorosilanes: The Role of Arene–Arene Interactions. *Angewandte Chemie*, **2003**, 115, 3802-3805	3.6	48
129	Quinox, a quinoline-type N-oxide, as organocatalyst in the asymmetric allylation of aromatic aldehydes with allyltrichlorosilanes: the role of arene-arene interactions. *Angewandte Chemie - International Edition*, **2003**, 42, 3674-7	16.4	153
128	Reactivity control in palladium-catalyzed reactions: a personal account. *Journal of Organometallic Chemistry*, **2003**, 687, 256-268	2.3	22
127	2H-quadrupolar coupling-based analysis of stereochemical and regiochemical memory in the Pd-catalysed allylic alkylation of iso-cinnamyl type substrates employing the chiral monophosphine ligands MOP and MAP. *Journal of Organometallic Chemistry*, **2003**, 687, 525-537	2.3	31
126	Asymmetric allylation of aldehydes with allyltrichlorosilane promoted by chiral sulfoxides. *Tetrahedron Letters*, **2003**, 44, 7179-7181	2	61
125	New pyridine-derived N-oxides as chiral organocatalysts in asymmetric allylation of aldehydes. *Journal of Molecular Catalysis A*, **2003**, 196, 179-186		60
124	Synthesis of 2-Hydroxy-8'-(hydroxymethyl)-1,1'-binaphthalene (iso-Homo-BINOL). A New Structural Pattern in the Binaphthyl Realm. *Collection of Czechoslovak Chemical Communications*, **2003**, 68, 907-916		2
123	Synthesis of alpha-amino acids via asymmetric phase transfer-catalyzed alkylation of achiral nickel(II) complexes of glycine-derived Schiff bases. *Journal of the American Chemical Society*, **2003**, 125, 12860-71	16.4	91
122	Synthesis of new chiral 2,2'-bipyridine ligands and their application in copper-catalyzed asymmetric allylic oxidation and cyclopropanation. *Journal of Organic Chemistry*, **2003**, 68, 4727-42	4.2	113
121	New Lewis-basic N-oxides as chiral organocatalysts in asymmetric allylation of aldehydes. *Journal of Organic Chemistry*, **2003**, 68, 9659-68	4.2	112
120	Non-symmetrically substituted 1,1'-binaphthyls in enantioselective catalysis. *Chemical Reviews*, **2003**, 103, 3213-46	68.1	419
119	A long-range chiral relay via tertiary amide group in asymmetric catalysis: new amino acid-derived N,P-ligands for copper-catalysed conjugate addition. *Chemical Communications*, **2003**, 1948-9	5.8	38
118	Electrochemical recognition of analytes using quaternary ammonium binaphthyl salts. *Analyst, The*, **2003**, 128, 245-8	5	2

117	Chiral Bipyridine Derivatives in Asymmetric Catalysis. *Current Organic Chemistry*, **2003**, 7, 1737-1757	1.7	94
116	Analysis of stereochemical convergence in asymmetric pd-catalysed allylic alkylation reactions complicated by halide and memory effects. *Chemistry - A European Journal*, **2002**, 8, 4443-53	4.8	48
115	2,8'-disubstituted-1,1'-binaphthyls: a new pattern in chiral ligands. *Chemistry - A European Journal*, **2002**, 8, 4633-48	4.8	47
114	Chiral 2,2'-bipyridine-type N-monoxides as organocatalysts in the enantioselective allylation of aldehydes with allyltrichlorosilane. *Organic Letters*, **2002**, 4, 1047-9	6.2	155
113	Electrochemical recognition of chiral species using quaternary ammonium binaphthyl salts. *Analytical Chemistry*, **2002**, 74, 4002-6	7.8	12
112	Asymmetric molybdenum(0)-catalyzed allylic substitution. *Tetrahedron Letters*, **2001**, 42, 509-512	2	50
111	Modular pyridine-type P , N -ligands derived from monoterpenes: application in asymmetric Heck addition. *Tetrahedron Letters*, **2001**, 42, 3045-3048	2	41
110	Molybdenum-Catalyzed Allylic Substitution in Glycals: A C-C Bond-Forming Ferrier-Type Reaction. *Collection of Czechoslovak Chemical Communications*, **2001**, 66, 1735-1745		8
109	Synthesis of New Chiral 2,2Bipyridyl-Type Ligands, Their Coordination to Molybdenum(0), Copper(II), and Palladium(II), and Application in Asymmetric Allylic Substitution, Allylic Oxidation, and Cyclopropanation. *Organometallics*, **2001**, 20, 673-690	3.8	112
108	Tetrahydrocannabinol Revisited: Synthetic Approaches Utilizing Molybdenum Catalysts. *Collection of Czechoslovak Chemical Communications*, **2001**, 66, 1257-1268		12
107	Electrochemical recognition of charged species using quaternary ammonium binaphthyl salts. *Analyst, The*, **2001**, 126, 1892-6	5	2
106	Molybdenum(0) and tungsten(0) catalysts with enhanced reactivity for allylic substitution: regioselectivity and solvent effects. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 1234-1240		24
105	Copper(II)-mediated oxidative coupling of 2-aminonaphthalene homologues. Competition between the straight dimerization and the formation of carbazoles. *Journal of Organic Chemistry*, **2001**, 66, 1359-65	4.2	49
104	Diastereoisomeric cationic pi-allylpalladium-(P,C)-MAP and MOP complexes and their relationship to streochemical memory effects in allylic alkylation. *Chemistry - A European Journal*, **2000**, 6, 4348-57	4.8	86
103	Synthesis of C2-Symmetrical [1,1'-Binaphthalene]-2,2'-diamines with Additional Chelating Groups Attached to the Nitrogen Atoms as Potential Ligands for Asymmetric Catalysis. *Collection of Czechoslovak Chemical Communications*, **2000**, 65, 539-548		1
102	PINDY: A novel, pinene-derived bipyridine ligand and its application in asymmetric, Copper(I)-catalyzed allylic oxidation. *Organic Letters*, **2000**, 2, 3047-9	6.2	97
101	Molybdenum(II)-Catalyzed Allylation of Electron-Rich Aromatics and Heteroaromatics. *Journal of Organic Chemistry*, **1999**, 64, 2751-2764	4.2	119
100	New Lewis-Acidic Molybdenum(II) and Tungsten(II) Catalysts for Intramolecular Carbonyl Ene and Prins Reactions. Reversal of the Stereoselectivity of Cyclization of Citronellal. *Journal of Organic Chemistry*, **1999**, 64, 2765-2775	4.2	57

99	Palladium(II) Complexes of 2-Dimethylamino-2′-diphenylphosphino-1,1′-binaphthyl (MAP) with Unique P,C-Coordination and Their Catalytic Activity in Allylic Substitution, Hartwig-Buchwald Amination, and Suzuki Coupling. *Journal of the American Chemical Society*, **1999**, 121, 7714-7715	16.4	145
98	An Approach toward the Triquinane-Type Skeleton via Reagent-Controlled Skeletal Rearrangements. A Facile Method for Protection-Deprotection of Organomercurials, Tuning the Selectivity of Wagner-Meerwein Migrations, and a New Route to Annulated Lactones. *Journal of Organic Chemistry*, **1999**, 64, 101-119	4.2	38
97	Molybdenum(IV) Complexes as Efficient, Lewis Acidic Catalysts for Allylic Substitution. Formation of C-C and C-N Bonds. *Journal of Organic Chemistry*, **1999**, 64, 5308-5311	4.2	56
96	Molybdenum(II)- and Tungsten(II)-Catalyzed Allylic Substitution. *Journal of Organic Chemistry*, **1999**, 64, 2737-2750	4.2	50
95	Transition metal catalysis in organic synthesis: reflections, chirality and new vistas. *Pure and Applied Chemistry*, **1999**, 71, 1425-1433	2.1	39
94	A Facile Synthesis of the Enantiopure, Nitrogen-Substituted 2,2'-Diamino-1,1'-binaphthyls as Potential Ligands for Catalytic Asymmetric Reactions. *Collection of Czechoslovak Chemical Communications*, **1998**, 63, 515-519		8
93	Synthesis of N-Alkylated and N-Arylated Derivatives of 2-Amino-2′-hydroxy-1,1′-binaphthyl (NOBIN) and 2,2′-Diamino-1,1′-binaphthyl and Their Application in the Enantioselective Addition of Diethylzinc to Aromatic Aldehydes. *Journal of Organic Chemistry*, **1998**, 63, 7727-7737	4.2	115
92	Synthesis of 2-amino-2?-diphenylphosphino-1,1?-binaphthyl (MAP) and its accelerating effect on the Pd(0)-catalyzed N-arylation. *Tetrahedron Letters*, **1998**, 39, 9289-9292	2	44
91	On the Novel two-phase oxidative cross-coupling of the two-component molecular crystal of 2-naphthol and 2-naphthylamine. *Chemical Communications*, **1998**, 585-586	5.8	33
90	The Stereochemical Dichotomy in Palladium(0)- and Nickel(0)-Catalyzed Allylic Substitution. *Journal of the American Chemical Society*, **1998**, 120, 6661-6672	16.4	48
89	Derivatives of 2-Amino-2′-diphenylphosphino-1,1′-binaphthyl (MAP) and Their Application in Asymmetric Palladium(0)-Catalyzed Allylic Substitution. *Journal of Organic Chemistry*, **1998**, 63, 7738-7748	4.2	148
88	Oxidation of Molybdenum(0) and Tungsten(0) Carbonyl Complexes with Silver Triflate. *Organometallics*, **1997**, 16, 3690-3695	3.8	10
87	Axially chiral 1,1?-binaphthyls with non-identical groups in 2,2?-positions. Synthesis of the enantiomerically pure 2-hydroxy-2?-thiol and substituted 2-amino-2?-thiols. *Tetrahedron: Asymmetry*, **1997**, 8, 537-546		25
86	Molybdenum(II)-catalyzed allylic substitution. *Tetrahedron Letters*, **1997**, 38, 4895-4898	2	12
85	Molybdenum(II)-catalyzed alkylation of electron-rich aromatics with allylic acetates. *Tetrahedron Letters*, **1997**, 38, 4899-4902	2	13
84	Synthesis and Resolution of Racemic 2-Amino-2'-hydroxy-1,1'-binaphthyl. *Collection of Czechoslovak Chemical Communications*, **1996**, 61, 1520-1524		36
83	The SN2 Reaction in the Solid State. An Unusual, BAl2 Aminolysis of an Ester Group in Crystalline (±)-2-Amino-2′-hydroxy-3′-(methoxycarbonyl)- 1,1′-binaphthyl Elucidated by X-ray Diffraction and Isotopic Labeling. New Experimental Evidence for Linearity in SN2 Substitution. *Journal of the American Chemical Society*, **1996**, 118, 487-488	16.4	23
82	Ruthenium-Catalyzed Oppenauer-Type Oxidation of 3beta-Hydroxy Steroids. A Highly Efficient Entry into the Steroidal Hormones with 4-En-3-one Functionality. *Journal of Organic Chemistry*, **1996**, 61, 6587-6590	4.2	64

81	A stereoselective synthesis of cis- and trans-fused lactones via the palladium(II)-catalyzed carbonylation of organomercurials. *Tetrahedron Letters*, **1996**, 37, 1125-1128	2	20
80	Selective reduction of the carbonyl group in organomercurials. A facile method for the protection-deprotection of the mercurio group and a new route to annulated lactones. *Tetrahedron Letters*, **1996**, 37, 5585-5588	2	11
79	Allylic substitution catalyzed by a new molybdenum complex. *Tetrahedron Letters*, **1995**, 36, 6351-6354	2	20
78	Cupration of Organomercurials: A Mild Method for the Intramolecular Addition of Organometallics to Ester Groups. *Journal of Organic Chemistry*, **1995**, 60, 1482-1483	4.2	17
77	Stereochemistry of Molybdenum(0)-Catalyzed Allylic Substitution: The First Observation of a Syn-Syn Mechanism. *Journal of the American Chemical Society*, **1995**, 117, 6130-6131	16.4	56
76	Palladium(O)-catalyzed allylic substitution with allylic alkoxides as substrates. *Tetrahedron*, **1994**, 50, 529-537	2.4	44
75	Stereoelectronically Controlled, Thallium(III)-Mediated C-19 Degradation of 19-Hydroxy Steroids. An Expedient Route to Estrone and its Congeners via 19-Nor-10.beta.-hydroxy Intermediates. *Journal of Organic Chemistry*, **1994**, 59, 5439-5444	4.2	20
74	Stereochemistry of epoxidation of allylic and homoallylic cyclohexene alcohols. *Journal of the Chemical Society Perkin Transactions 1*, **1994**, 1759-1763		11
73	Selective Cross-Coupling of 2-Naphthol and 2-Naphthylamine Derivatives. A Facile Synthesis of 2,2',3-Trisubstituted and 2,2',3,3'-Tetrasubstituted 1,1'-Binaphthyls. *Journal of Organic Chemistry*, **1994**, 59, 2156-2163	4.2	131
72	Molybdenum(V)-Mediated Skeletal Rearrangement of an Organomercury Steroid. Stereoelectronic Control and Mechanism. *Journal of Organic Chemistry*, **1994**, 59, 2246-2249	4.2	2
71	Corner opening of cyclopropanes by mercury(II) and thallium(III) and transmetalation of the intermediate organomercurials. A novel, stereoselective approach to cyclobutanes and cyclopropanes. *Journal of the American Chemical Society*, **1994**, 116, 186-197	16.4	26
70	Organic Reactivity Control by Means of Neighboring Groups and Organometallics. A Personal Account. *Collection of Czechoslovak Chemical Communications*, **1994**, 59, 1-74		3
69	Synthesis of enantiomerically pure binaphthyl derivatives. Mechanism of the enantioselective, oxidative coupling of naphthols and designing a catalytic cycle. *Journal of Organic Chemistry*, **1993**, 58, 4534-4538	4.2	254
68	Intramolecular alkoxymercuration of olefins and stabilization of the resulting organomercurials. *Organometallics*, **1993**, 12, 1969-1971	3.8	6
67	Allylic alcohols as substrates for the palladium(0)-catalyzed allylic substitution. *Tetrahedron Letters*, **1993**, 34, 179-182	2	57
66	Synthesis of estrone via a thallium(III)-mediated fragmentation of a 19-hydroxy-androst-5-ene precursor. *Tetrahedron Letters*, **1993**, 34, 6139-6140	2	3
65	Transmetallation with palladium(II) of an organomercurial arising from mercury(II)-mediated cyclopropane cleavage. Tuning of the palladium reactivity and a novel, intramolecular redox reaction. *Journal of the Chemical Society Chemical Communications*, **1992**, 1086-1087		6
64	Synthesis of enantiomerically pure 2,2'-dihydroxy-1,1'-binaphthyl, 2,2'-diamino-1,1'-binaphthyl, and 2-amino-2'-hydroxy-1,1'-binaphthyl. Comparison of processes operating as diastereoselective crystallization and as second order asymmetric transformation. *Journal of Organic Chemistry*, **1992**, 57, 1917-1920	4.2	208

63	Regioselective ring opening of cyclopropane by mercury(II) and transmetalation of the intermediate organomercurial with lithium and copper reagents. A novel, stereoselective approach to cyclobutanes. *Journal of Organic Chemistry*, **1992**, 57, 4565-4567	4.2	15
62	Stereochemistry of the palladium-catalyzed allylic substitution: the syn-anti dichotomy in the formation of (□allyl)palladium complexes and their equilibration. *Tetrahedron*, **1992**, 48, 7229-7250	2.4	65
61	Regioselective opening of a cyclopropane ring by mercury(II) and transmetalation of the product with molybdenum. A novel, stereoelectronically controlled, skeletal rearrangement ans Grob-type fragmentation of organomolybdenum intermediates. *Tetrahedron Letters*, **1992**, 33, 5991-5994	2	7
60	A Facile Synthesis of 2-Amino-2?-hydroxy-1,1?-binaphthyl and 2,2?-Diamino-1,1?-binaphthyl by Oxidative Coupling Using Copper(II) Chloride. *Synlett*, **1991**, 1991, 231-232	2.2	77
59	Revision of the structure of 3-methoxy-14□-hydroxy-D-homo-1,3,5-(10)-estratrien-17a-one. A simple 1H NMR method for the determination of configuration of hydroxy group in position 5 and/or 14 of the D-homo-steroid skeleton. *Collection of Czechoslovak Chemical Communications*, **1991**, 56, 1512-1524		2
58	A Facile Method for the Preparation of Primary Allylic Amines from the Oximes of □,□Unsaturated Ketones. *Synlett*, **1990**, 1990, 677-679	2.2	7
57	Structural requirements for the thallium(III)-mediated cyclisation of unsaturated alcohols. A novel fragmentation reaction producing 19-norsteroids. *Journal of the Chemical Society Chemical Communications*, **1990**, 1026-1028		12
56	Stereo- and regiocontrol of electrophilic additions to cyclohexene systems by neighboring groups. Competition of electronic and stereoelectronic effects and comparison of the reactivity of selected electrophiles. *Journal of Organic Chemistry*, **1990**, 55, 5580-5589	4.2	39
55	Corner attack on cyclopropane by thallium(III) ions. A highly stereospecific cleavage and skeletal rearrangement of 3.alpha.,5-cyclo-5.alpha.-cholestan-6.alpha.-ol. *Journal of the American Chemical Society*, **1990**, 112, 6735-6737	16.4	13
54	Steric control of epoxidation by carbamate and amide groups. Evidence for the carbonyl-directed epoxidation. *Journal of Organic Chemistry*, **1990**, 55, 3236-3243	4.2	66
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