Pavel KoÄovskÃ½

List of Publications by Year
in descending order

209	9,009	34016 52	48187 88
papers	citations	h-index	g-index

261	261	261	5162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-Symmetrically Substituted 1,1â€˜-Binaphthyls in Enantioselective Catalysis. Chemical Reviews, 2003, 103, 3213-3246.	23.0	475
2	C-Nucleosides: Synthetic Strategies and Biological Applications. Chemical Reviews, 2009, 109, 6729-6764.	23.0	309
3	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.	1.7	287
4	Chiral N â€Oxides in Asymmetric Catalysis. European Journal of Organic Chemistry, 2007, 2007, 29-36.	1.2	254
5	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.	1.7	236
6	Quinox, a Quinoline-TypeN-Oxide, as Organocatalyst in the Asymmetric Allylation of Aromatic Aldehydes with Allyltrichlorosilanes: The Role of Areneâ€“Arene Interactions. Angewandte Chemie - International Edition, 2003, 42, 3674-3677.	7.2	187
7	Chiral 2,2â€˜-Bipyridine-TypeN-Monoxides as Organocatalysts in the Enantioselective Allylation of Aldehydes with Allyltrichlorosilaneâ€. Organic Letters, 2002, 4, 1047-1049.	2.4	180
8	Vicinal Amino Alcohols as Organocatalysts in Asymmetric Cross-Aldol Reaction of Ketones:â€‰ Application in the Synthesis of Convolutamydine A. Organic Letters, 2007, 9, 5473-5476.	2.4	178
9	Palladium(II) Complexes of 2-Dimethylamino-2â€˜- diphenylphosphino-1,1â€˜-binaphthyl (MAP) with Unique P,Cï¿½-Coordination and Their Catalytic Activity in Allylic Substitution, Hartwigâ€“Buchwald Amination, and Suzuki Coupling. Journal of the American Chemical Society, 1999, 121, 7714-7715.	6.6	174
10	Derivatives of 2-Amino-2â€˜-diphenylphosphino-1,1â€˜-binaphthyl (MAP) and Their Application in Asymmetric Palladium(0)-Catalyzed Allylic Substitution. Journal of Organic Chemistry, 1998, 63, 7738-7748.	1.7	172
11	Carbamates : A method of synthesis and some syntehtic applications. Tetrahedron Letters, 1986, 27, 5521-5524.	0.7	165
12	Role of Noncovalent Interactions in the Enantioselective Reduction of Aromatic Ketimines with Trichlorosilane. Organic Letters, 2004, 6, 2253-2256.	2.4	165
13	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.	1.7	146
14	METHOX:â€‰ A New PyridineN-Oxide Organocatalyst for the Asymmetric Allylation of Aldehydes with Allyltrichlorosilanesâ€. Organic Letters, 2005, 7, 3219-3222.	2.4	145
15	Remote Chiral Induction in the Organocatalytic Hydrosilylation of Aromatic Ketones and Ketimines. Angewandte Chemie - International Edition, 2006, 45, 1432-1435.	7.2	140
16	Molybdenum(II)-Catalyzed Allylation of Electron-Rich Aromatics and Heteroaromatics. Journal of Organic Chemistry, 1999, 64, 2751-2764.	1.7	134
17	Synthesis of N-Alkylated and N-Arylated Derivatives of 2-Amino-2â€˜-hydroxy-1,1â€˜-binaphthyl (NOBIN) and 2,2â€˜-Diamino-1,1â€˜-binaphthyl and Their Application in the Enantioselective Addition of Diethylzinc to Aromatic Aldehydes. Journal of Organic Chemistry, 1998, 63, 7727-7737.	1.7	130
18	Synthesis of New Chiral 2,2â€˜-Bipyridyl-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.	1.1	127

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19	Synthesis of New Chiral 2,2â€˜-Bipyridine Ligands and Their Application in Copper-Catalyzed Asymmetric Allylic Oxidation and Cyclopropanation. Journal of Organic Chemistry, 2003, 68, 4727-4742.	1.7	126
20	New Lewis-BasicN-Oxides as Chiral Organocatalysts in Asymmetric Allylation of Aldehydes. Journal of Organic Chemistry, 2003, 68, 9659-9668.	1.7	126
21	Asymmetric Reduction of Imines with Trichlorosilane, Catalyzed by Sigamide, an Amino Acid-Derived Formamide: Scope and Limitations^{â€}. Journal of Organic Chemistry, 2009, 74, 5839-5849.	1.7	125
22	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, 5341-5348.	6.6	121
23	PINDY:â€‰ A Novel, Pinene-Derived Bipyridine Ligand and Its Application in Asymmetric, Copper(I)-Catalyzed Allylic Oxidationâ€. Organic Letters, 2000, 2, 3047-3049.	2.4	117
24	The syn/antiâ€Dichotomy in the Palladiumâ€Catalyzed Addition of Nucleophiles to Alkenes. Chemistry - A European Journal, 2015, 21, 36-56.	1.7	112
25	Enantioselective Synthesis of 1,2-Diarylaziridines by the Organocatalytic Reductive Amination of Î±-Chloroketones. Angewandte Chemie - International Edition, 2007, 46, 3722-3724.	7.2	105
26	Synthesis of Î±-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, 12860-12871.	6.6	101
27	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.	1.0	101
28	Chiral Bipyridine Derivatives in Asymmetric Catalysis. Current Organic Chemistry, 2003, 7, 1737-1757.	0.9	101
29	Diastereoisomeric Cationic Ï€-Allylpalladium-(P,C)-MAP and MOP Complexes and Their Relationship to Stereochemical Memory Effects in Allylic Alkylation. Chemistry - A European Journal, 2000, 6, 4348-4357.	1.7	100
30	Organocatalysis with a Fluorous Tag:Â Asymmetric Reduction of Imines with Trichlorosilane Catalyzed by Amino Acid-Derived Formamidesâ€. Journal of Organic Chemistry, 2007, 72, 1315-1325.	1.7	99
31	A method for the palladium-catalyzed allylic oxidation of olefins. Tetrahedron Letters, 1984, 25, 4187-4190.	0.7	97
32	Dynamic Kinetic Resolution in the Asymmetric Synthesis of Î²â€Amino Acids by Organocatalytic Reduction of Enamines with Trichlorosilane. Chemistry - A European Journal, 2008, 14, 8082-8085.	1.7	88
33	A Facile Synthesis of 2-Amino-2â€²-hydroxy-1,1â€²-binaphthyl and 2,2â€²-Diamino-1,1â€²-binaphthyl by Oxidative Coupling Using Copper(II) Chloride. Synlett, 1991, 1991, 231-232.	1.0	86
34	Steric control of epoxidation by carbamate and amide groups. Evidence for the carbonyl-directed epoxidation. Journal of Organic Chemistry, 1990, 55, 3236-3243.	1.7	85
35	New pyridine N-oxides as chiral organocatalysts in the asymmetric allylation of aromatic aldehydes. Tetrahedron, 2008, 64, 11335-11348.	1.0	77
36	The first observation of syn-anti dichotomy in the formation of (.pi.-allyl)palladium complexes. Journal of the American Chemical Society, 1989, 111, 4981-4982.	6.6	76

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37	Stereochemistry of the palladium-catalyzed allylic substitution: the syn-anti dichotomy in the formation of (Ï€-allyl)palladium complexes and their equilibration. Tetrahedron, 1992, 48, 7229-7250.	1.0	76
38	Asymmetric Allylic Substitution Catalyzed byC1-Symmetrical Complexes of Molybdenum: Structural Requirements of the Ligand and the Stereochemical Course of the Reaction. Chemistry - A European Journal, 2006, 12, 6910-6929.	1.7	75
39	Enantioselective Baeyerâ€“Villiger Oxidation Catalyzed by Palladium(II) Complexes with Chiral P,N-Ligands. Journal of Organic Chemistry, 2008, 73, 3996-4003.	1.7	75
40	Ruthenium-Catalyzed Oppenauer-Type Oxidation of 3Î²-Hydroxy Steroids. A Highly Efficient Entry into the Steroidal Hormones with 4-En-3-one Functionality. Journal of Organic Chemistry, 1996, 61, 6587-6590.	1.7	73
41	Asymmetric allylation of aldehydes with allyltrichlorosilane promoted by chiral sulfoxides. Tetrahedron Letters, 2003, 44, 7179-7181.	0.7	71
42	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.	1.7	68
43	Allylic alcohols as substrates for the palladium(0)-catalyzed allylic substitution. Tetrahedron Letters, 1993, 34, 179-182.	0.7	66
44	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.	6.6	66
45	New pyridine-derived N-oxides as chiral organocatalysts in asymmetric allylation of aldehydes. Journal of Molecular Catalysis A, 2003, 196, 179-186.	4.8	66
46	Molybdenum(IV) Complexes as Efficient, Lewis Acidic Catalysts for Allylic Substitution. Formation of Cî—¸C and Cî—¸N Bonds. Journal of Organic Chemistry, 1999, 64, 5308-5311.	1.7	65
47	Synthesis of 2-amino-2â€²-diphenylphosphino-1,1â€²-binaphthyl (MAP) and its accelerating effect on the Pd(0)-catalyzed N-arylation. Tetrahedron Letters, 1998, 39, 9289-9292.	0.7	60
48	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, 3985-3995.	1.7	59
49	Molybdenum(II)- and Tungsten(II)-Catalyzed Allylic Substitution. Journal of Organic Chemistry, 1999, 64, 2737-2750.	1.7	57
50	2,8â€²-Disubstituted-1,1â€²-Binaphthyls: A New Pattern in Chiral Ligands. Chemistry - A European Journal, 2002, 8, 4633-4648.	1.7	57
51	Modular pyridine-type P , N -ligands derived from monoterpenes: application in asymmetric Heck addition. Tetrahedron Letters, 2001, 42, 3045-3048.	0.7	55
52	The Stereochemical Dichotomy in Palladium(0)- and Nickel(0)-Catalyzed Allylic Substitution. Journal of the American Chemical Society, 1998, 120, 6661-6672.	6.6	54
53	Asymmetric molybdenum(0)-catalyzed allylic substitution. Tetrahedron Letters, 2001, 42, 509-512.	0.7	54
54	Copper(II)-Mediated Oxidative Coupling of 2-Aminonaphthalene Homologues. Competition between the Straight Dimerization and the Formation of Carbazolesâ—Š. Journal of Organic Chemistry, 2001, 66, 1359-1365.	1.7	53

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55	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.	1.7	51
56	Enantioselective and Catalytic Method for Î±â€Crotylation of Aldehydes with a Kinetic Selfâ€Refinement of Stereochemistry. Chemistry - A European Journal, 2009, 15, 1570-1573.	1.7	51
57	Palladium(O)-catalyzed allylic substitution with allylic alkoxides as substrates. Tetrahedron, 1994, 50, 529-537.	1.0	50
58	Analysis of Stereochemical Convergence in Asymmetric Pd-Catalysed Allylic Alkylation Reactions Complicated by Halide and Memory Effects. Chemistry - A European Journal, 2002, 8, 4443-4453.	1.7	50
59	New pinene-derived pyridines as bidentate chiral ligands. Tetrahedron, 2008, 64, 4011-4025.	1.0	49
60	Desymmetrization of Cyclicmeso-Epoxides with Silicon Tetrachloride Catalyzed by PINDOX, a Chiral Bipyridine Mono-N-oxide. Organic Letters, 2009, 11, 5390-5393.	2.4	48
61	Organocatalysts immobilised onto gold nanoparticles: application in the asymmetric reduction of imines with trichlorosilane. Organic and Biomolecular Chemistry, 2009, 7, 1878.	1.5	47
62	An Approach toward the Triquinane-Type Skeleton via Reagent-Controlled Skeletal Rearrangements. A Facile Method for Protectionâ^'Deprotection of Organomercurials, Tuning the Selectivity of Wagnerâ^'Meerwein Migrations, and a New Route to Annulated Lactones. Journal of Organic Chemistry, 1999, 64, 101-119.	1.7	46
63	Synthesis and Resolution of Racemic 2-Amino-2'-hydroxy-1,1'-binaphthyl. Collection of Czechoslovak Chemical Communications, 1996, 61, 1520-1524.	1.0	43
64	Transition metal catalysis in organic synthesis: reflections, chirality and new vistas. Pure and Applied Chemistry, 1999, 71, 1425-1433.	0.9	42
65	A Novel Bifunctional Allyldisilane as a Triple Allylation Reagent in the Stereoselective Synthesis of Trisubstituted Tetrahydrofurans. Chemistry - A European Journal, 2011, 17, 7162-7166.	1.7	41
66	Transition-metal catalysis in michael addition of Î²-dicarbonyls : Tuning of the reaction conditions. Tetrahedron Letters, 1986, 27, 5015-5018.	0.7	39
67	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, , 1948-1949.	2.2	39
68	New organocatalysts for the asymmetric reduction of imines with trichlorosilane. Tetrahedron, 2009, 65, 9481-9486.	1.0	39
69	Synthesis of helminthogermacrene and Î²-elemene. Tetrahedron Letters, 1985, 26, 2171-2172.	0.7	38
70	On the â€˜Novel two-phase oxidative cross-coupling of the two-component molecular crystal of 2-naphthol and 2-naphthylamineâ€™. Chemical Communications, 1998, , 585-586.	2.2	37
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.	6.6	36
72	Stereoselective Palladiumâ€Catalyzed Functionalization of Homoallylic Alcohols: A Convenient Synthesis of Diâ€and Trisubstituted Isoxazolidines and Î²â€Aminoâ€Îˆâ€Hydroxy Esters. Chemistry - A European Journal, 2012, 18, 6873-6884.	1.7	34

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73	Enantioselective Allylation of Î±,Î²-Unsaturated Aldehydes with Allyltrichlorosilane Catalyzed by METHOX. Journal of Organic Chemistry, 2011, 76, 4800-4804.	1.7	33
74	Catalyst development for organocatalytic hydrosilylation of aromatic ketones and ketimines. Organic and Biomolecular Chemistry, 2012, 10, 4864.	1.5	33
75	Mechanistic Dichotomy in the Asymmetric Allylation of Aldehydes with Allyltrichlorosilanes Catalyzed by Chiral Pyridine Nâ€Oxides. Chemistry - A European Journal, 2013, 19, 9167-9185.	1.7	33
76	Synthesis of Enantiopure 1-Arylprop-2-en-1-ols and Their tert-Butyl Carbonates. Journal of Organic Chemistry, 2008, 73, 9148-9150.	1.7	32
77	On the SelectiveN-Methylation of BOC-Protected Amino Acids. Journal of Organic Chemistry, 2009, 74, 8425-8427.	1.7	32
78	The SN2 Reaction in the Solid State. An Unusual, BAl2 Aminolysis of an Ester Group in Crystalline (Â±)-2-Amino-2â€˜-hydroxy-3â€˜-(methoxycarbonyl)- 1,1â€˜-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.	6.6	31
79	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 â€˜MOPâ€™ and â€˜MAPâ€™. Journal of Organometallic Chemistry, 2003, 687, 525-537.	0.8	31
80	Amino acid-derived hydroxamic acids as chiral ligands in the vanadium catalysed epoxidation. Organic and Biomolecular Chemistry, 2005, 3, 3194.	1.5	31
81	Soluble Polymerâ€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, 9651-9654.	1.7	31
82	Weak intra- and intermolecular interactions in a binaphthol imine: an experimental charge-density study on (Â±)-8â€²-benzhydrylideneamino-1,1â€²-binaphthyl-2-ol. Acta Crystallographica Section B: Structural Science, 2009, 65, 757-769.	1.8	31
83	Axially chiral 1,1â€²-binaphthyls with non-identical groups in 2,2â€²-positions. Synthesis of the enantiomerically pure 2-hydroxy-2â€²-thiol and substituted 2-amino-2â€²-thiols. Tetrahedron: Asymmetry, 1997, 8, 537-546.	1.8	30
84	Synthesis of strophanthidin. Tetrahedron Letters, 1989, 30, 4295-4298.	0.7	29
85	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, 137-141.	1.5	29
86	On the deceptive behavior of tri-n-butyltin hydride: In the reduction of acetates of some bromohydrins. A stereospecific radical rearrangement. Tetrahedron Letters, 1986, 27, 1513-1516.	0.7	28
87	Asymmetric synthesis: From transition metals to organocatalysis. Pure and Applied Chemistry, 2008, 80, 953-966.	0.9	28
88	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.	1.7	27
89	Steric control of epoxidation by allylic and homoallylic carbamate groups. Tetrahedron Letters, 1988, 29, 2475-2478.	0.7	26
90	Reactivity control in palladium-catalyzed reactions: a personal account. Journal of Organometallic Chemistry, 2003, 687, 256-268.	0.8	26

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91	Chiral recognition in solution and the gas phase. Experimental and theoretical studies of aromaticD-andL-amino acidâ€“Cu(II)â€“chiragen complexes. Journal of Mass Spectrometry, 2004, 39, 1044-1052.	0.7	26
92	New monoterpene-derived phosphinopyridine ligands and their application in the enantioselective iridium-catalyzed hydrogenation. Tetrahedron, 2011, 67, 5421-5431.	1.0	26
93	Palladiumâ€Catalyzed Alkoxycarbonylation of Terminal Alkenes To Produce Î±,Î²â€Unsaturated Esters: The Key Role of Acetonitrile as a Ligand. Chemistry - A European Journal, 2014, 20, 4542-4547.	1.7	26
94	Allylic substitution catalyzed by a new molybdenum complex. Tetrahedron Letters, 1995, 36, 6351-6354.	0.7	25
95	Cupration of Organomercurials: A Mild Method for the Intramolecular Addition of Organometallics to Ester Groups. Journal of Organic Chemistry, 1995, 60, 1482-1483.	1.7	25
96	Molybdenum(0) and tungsten(0) catalysts with enhanced reactivity for allylic substitution: regioselectivity and solvent effectsâ€Šâ€. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1234-1240.	1.3	25
97	A Modular Approach to Aryl-C-ribonucleosides via the Allylic Substitution and Ring-Closing Metathesis Sequence. A Stereocontrolled Synthesis of All Four Î±-/Î²- andd-/l-C-Nucleoside Stereoisomers. Journal of Organic Chemistry, 2011, 76, 7781-7803.	1.7	23
98	A stereoselective synthesis of cis- and trans-fused lactones via the palladium(II)-catalyzed carbonylation of organomercurials. Tetrahedron Letters, 1996, 37, 1125-1128.	0.7	22
99	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.	1.7	20
100	Palladiumâ€Catalyzed Stereoselective Intramolecular Oxidative Amidation of Alkenes in the Synthesis of 1,3â€•and 1,4â€Amino Alcohols and 1,3â€Diamines. Chemistry - A European Journal, 2014, 20, 4901-4905.	1.7	20
101	Reduction of some mesyloxy and tosyloxy steroids with sodium iodide and zinc dust. Collection of Czechoslovak Chemical Communications, 1979, 44, 246-250.	1.0	19
102	Tetrahydrocannabinol Revisited: Synthetic Approaches Utilizing Molybdenum Catalysts. Collection of Czechoslovak Chemical Communications, 2001, 66, 1257-1268.	1.0	19
103	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.	6.6	18
104	Chiral Lewis Bases as Catalysts. , 0, , 255-286.		18
105	Molybdenum(II)-catalyzed allylic substitution. Tetrahedron Letters, 1997, 38, 4895-4898.	0.7	17
106	From transition metals to organocatalysis. Russian Chemical Bulletin, 2004, 53, 1806-1812.	0.4	17
107	Participation of ambident neighbouring groups in hypobromous acid addition to some steroidal olefins. Competition of electronic and stereoelectronic effects. Journal of the Chemical Society Perkin Transactions 1, 1987, , 1969-1974.	0.9	16
108	Molybdenum(II)-catalyzed alkylation of electron-rich aromatics with allylic acetates. Tetrahedron Letters, 1997, 38, 4899-4902.	0.7	16

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109	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.	0.7	15
110	Synthesis of Î³-functionalized allyltrichlorosilanes and their application in the asymmetric allylation of aldehydes. Tetrahedron: Asymmetry, 2010, 21, 1173-1175.	1.8	15
111	Crossâ€Aldol Reaction of Isatin with Acetone Catalyzed by Leucinol: A Mechanistic Investigation. Chemistry - A European Journal, 2015, 21, 12026-12033.	1.7	15
112	Deuterium and tritium labeling with the zinc-sodium iodide method. Journal of Organic Chemistry, 1983, 48, 2233-2237.	1.7	14
113	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.	2.0	14
114	Stereochemistry of epoxidation of allylic and homoallylic cyclohexene alcohols. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1759-1763.	0.9	14
115	Electrochemical Recognition of Chiral Species Using Quaternary Ammonium Binaphthyl Salts. Analytical Chemistry, 2002, 74, 4002-4006.	3.2	14
116	A stereospecific, silver(I)-assisted solvolysis of cyclic halo ethers. Evidence for a push-pull mechanism involving neighboring group participation. Journal of Organic Chemistry, 1988, 53, 5816-5819.	1.7	13
117	Transition-metal catalysis in Michael addition of Î²-dicarbonyls: Tuning of the reaction conditions. Collection of Czechoslovak Chemical Communications, 1988, 53, 2667-2674.	1.0	13
118	Intramolecular alkoxymercuration of olefins and stabilization of the resulting organomercurials. Organometallics, 1993, 12, 1969-1971.	1.1	13
119	Reductive Amination Revisited: Reduction of Aldimines with Trichlorosilane Catalyzed by Dimethylformamideâ”€Functional Group Tolerance, Scope, and Limitations. Journal of Organic Chemistry, 2022, 87, 920-943.	1.7	13
120	A stereospecific tandem Wagner-Meerwein rearrangement in the solvolysis of 19-mesyloxy steroids. Journal of Organic Chemistry, 1986, 51, 4888-4891.	1.7	12
121	Oxidation of Molybdenum(0) and Tungsten(0) Carbonyl Complexes with Silver Triflate. Organometallics, 1997, 16, 3690-3695.	1.1	12
122	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.	1.0	12
123	A Facile Method for the Preparation of Primary Allylic Amines from the Oximes of Î±,Î²-Unsaturated Ketones. Synlett, 1990, 1990, 677-679.	1.0	11
124	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.	0.7	11
125	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.	1.0	11
126	Molybdenum-Catalyzed Allylic Substitution in Glycals: A C-C Bond-Forming Ferrier-Type Reaction. Collection of Czechoslovak Chemical Communications, 2001, 66, 1735-1745.	1.0	11

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127	Bile acids: Electrochemical oxidation on bare electrodes after acid-induced dehydration. Electrochemistry Communications, 2018, 86, 99-103.	2.3	11
128	Westphalen rearrangement. Mechanism of formation of 5Î±-acetoxy derivatives. Collection of Czechoslovak Chemical Communications, 1979, 44, 234-245.	1.0	11
129	Synthesis of estrone via a thallium(III)-mediated fragmentation of a 19-hydroxy-androst-5-ene precursor. Tetrahedron Letters, 1993, 34, 6139-6140.	0.7	10
130	Steroids with modified ring A or B: Screening for potential antiandrogenic and synandrogenic activity. The Journal of Steroid Biochemistry, 1980, 13, 455-460.	1.3	9
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