

# Pierre H Dixneuf

## List of Publications by Citations

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99  
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128  
ext. papers

10,599  
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L-index

#	Paper	IF	Citations
120	Ruthenium(II)-catalyzed C-H bond activation and functionalization. <i>Chemical Reviews</i> , <b>2012</b> , 112, 5879-9168	18.1	2254
119	sp <sup>2</sup> C-H bond activation in water and catalytic cross-coupling reactions. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 5744-67	58.5	467
118	Metal vinylidenes and allenylidenes in catalysis: applications in anti-Markovnikov additions to terminal alkynes and alkene metathesis. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2176-203	16.4	432
117	Metal Vinylidenes in Catalysis. <i>Accounts of Chemical Research</i> , <b>1999</b> , 32, 311-323	24.3	429
116	Photoredox Catalysis for Building C-C Bonds from C(sp)-H Bonds. <i>Chemical Reviews</i> , <b>2018</b> , 118, 7532-7586	58.1	392
115	Autocatalysis for C-H bond activation by ruthenium(II) complexes in catalytic arylation of functional arenes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 10161-70	16.4	324
114	Cationic ruthenium allenylidene complexes as catalysts for ring closing olefin metathesis. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 1847-57	4.8	230
113	C-H bond functionalization in water catalyzed by carboxylato ruthenium(II) systems. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6629-32	16.4	221
112	Ruthenium-allenylidene complexes and their specific behaviour. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 1585-1601	23.2	138
111	Selective transformations of alkynes with rutheniumcatalysts. <i>Chemical Communications</i> , <b>1997</b> , 507-512	5.8	135
110	Ruthenium or Ferrocenyl Homobimetallic and RuPdRu and FePdFe Heterotrimetallic Complexes Connected by Unsaturated, Carbon-Rich $\eta^2$ -C <sub>6</sub> H <sub>4</sub> C≡C Bridges. <i>Organometallics</i> , <b>1997</b> , 16, 184-189	3.8	135
109	Metallvinylidene und -allenylidene in der Katalyse. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2232-2260	3.6	135
108	General Synthesis of (Z)-Alk-1-en-1-yl Esters via Ruthenium-Catalyzed anti-Markovnikov trans-Addition of Carboxylic Acids to Terminal Alkynes. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 7247-7253	4.2	134
107	Sequential synthesis of furans from alkynes: successive ruthenium(II)- and copper(II)-catalyzed processes. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 1681-4	16.4	132
106	Ruthenium diacetate-catalysed oxidative alkenylation of C≡C bonds in air: synthesis of alkenyl N-arylpyrazoles. <i>Green Chemistry</i> , <b>2011</b> , 13, 3075	10	129
105	Activation of 2-propyn-1-ol derivatives by (arene)ruthenium(II) complexes: new route to (alkenylcarbene)- and (polyenylcarbene)-metal complexes. <i>Organometallics</i> , <b>1992</b> , 11, 809-817	3.8	126
104	New ruthenium vinylidene complexes as intermediates for the access to $\sigma$ -acetylide and unsymmetrical trans-diynyl, alkynyl metal complexes. Crystal structures of [(Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> (Cl)Ru=C=CH <sub>2</sub> ]PF <sub>6</sub> and [(Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> (Cl)RuC≡C] complexes. <i>Organometallics</i> , <b>1993</b> , 12, 3132-3133	3.8	115

103	Catalytic synthesis of vinyl carbamates from carbon dioxide and alkynes with ruthenium complexes. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 1518-1523	4.2	113
102	Allenylidene-to-indenylidene rearrangement in arene-ruthenium complexes: a key step to highly active catalysts for olefin metathesis reactions. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 4079-89	16.4	99
101	Sequential catalytic synthesis of rod-like conjugated poly-yne. <i>Tetrahedron</i> , <b>1996</b> , 52, 5495-5504	2.4	99
100	Synthesis of enol esters from terminal alkynes catalyzed by ruthenium complexes. <i>Tetrahedron Letters</i> , <b>1986</b> , 27, 6323-6324	2	97
99	Novel Ruthenium- or Iron-Containing Tetraynes as Precursors of Mixed-Metal Oligomers. <i>Organometallics</i> , <b>1996</b> , 15, 1530-1531	3.8	95
98	Ruthenium-catalyzed synthesis of symmetrical N,N-dialkylureas directly from carbon dioxide and amines. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 4456-4458	4.2	95
97	Synthesis of ruthenium acetylides: new building blocks for molecular electronics. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 670, 37-44	2.3	94
96	Discovery of new fluorescent materials from fast synthesis and screening of conjugated polymers. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 5278-9	16.4	94
95	Biscarbene-ruthenium complexes in catalysis: novel stereoselective synthesis of (1E,3E)-1,4-disubstituted-1,3-dienes via head-to-head coupling of terminal alkynes and addition of carboxylic acids. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 11964-75	16.4	91
94	(C5Me5)Ru-vinylidene complexes from terminal alkynes and propargyl alcohol derivatives. <i>Organometallics</i> , <b>1994</b> , 13, 5030-5039	3.8	90
93	Catalytic synthesis of 3-vinyl-2,5-dihydrofurans from yne-enes promoted by photochemically activated metal-allenylidene LnRuCCCR2 complex. <i>Chemical Communications</i> , <b>1998</b> , 2249-2250	5.8	84
92	Autocatalytic intermolecular versus intramolecular deprotonation in C-H bond activation of functionalized arenes by ruthenium(II) or palladium(II) complexes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 7595-604	4.8	83
91	Room temperature operating allenylidene precatalyst [LnRuCCCR2]+X- for olefin metathesis: dramatic influence of the counter anion X-. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 141-143	3.6	79
90	Enol formates: ruthenium catalysed formation and formylating reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1991</b> , 1197		78
89	Highly active catalysts in alkene metathesis: first observed transformation of allenylidene into indenylidene via alkenylcarbyne--ruthenium species. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4524-7	16.4	75
88	Synthesis of Di- and Mono- Substituted Allenylidene-Ruthenium [(Ph2PCH2PPh2)2ClRu:C:C(Y)R]PF6 and Acetylide Complexes by Activation of Prop-2-yn-1-ols. <i>Organometallics</i> , <b>1995</b> , 14, 4920-4928	3.8	75
87	Ruthenium(II)-Catalyzed Alkenylation of Ferrocenyl Ketones via C-H Bond Activation. <i>Organometallics</i> , <b>2012</b> , 31, 7320-7323	3.8	73
86	Novel ruthenium-catalysed synthesis of furan derivatives via intramolecular cyclization of hydroxy enynes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 493		71

85	Activation of 1-alkynes by hexamethylbenzene-ruthenium(II) derivatives. Synthesis and characterization of alkoxyalkylcarbene-ruthenium(II) complexes via highly reactive vinylidene intermediates. <i>Organometallics</i> , <b>1991</b> , 10, 2768-2772	3.8	69
84	Novel Ruthenium Allenylidene and Mixed Alkynyl Allenylidene Complexes: Crystal Structure of trans-[(Ph <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> Ru(C≡CPh)(CCPh <sub>2</sub> )]PF <sub>6</sub> <i>Organometallics</i> , <b>1998</b> , 17, 3844-3852	3.8	64
83	Stereoselective synthesis of Z-enol esters catalysed by [bis(diphenylphosphino)alkane]bis(2-methylpropenyl)ruthenium complexes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 850-851		63
82	Rate Studies and Mechanism of Ring-Closing Olefin Metathesis Catalyzed by Cationic Ruthenium Allenylidene Arene Complexes. <i>Organometallics</i> , <b>2003</b> , 22, 4459-4466	3.8	59
81	Organometallic Triskelia: Novel Tris(vinylideneruthenium(II)), Tris(alkynylruthenium(II)), and Triruthenium-Triferrocenyl Complexes. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 1714-1717	16.4	57
80	Allenylidene-ruthenium-arene precatalyst for ring opening metathesis polymerisation (ROMP). <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 663, 235-238	2.3	57
79	Fluorine-containing alkynyl amino esters and access to a new family of 3,4-dehydroproline analogues. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 16-18	3.6	56
78	Metallacumulenes: Activation of Diynes and Formation of New Allenylideneruthenium Complexes. Crystal Structures of trans-[(Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> (Cl)Ru:C:C:CR <sub>1</sub> R <sub>2</sub> ] <sup>+</sup> and trans-[(Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> Ru(C:C:C(OMe)CH:CPh <sub>2</sub> ) <sub>2</sub> ] <sup>2+</sup> Derivatives. <i>Organometallics</i> , <b>1995</b> , 14, 5263-5272	3.8	56
77	Unprecedented coupling of allenylidene and diynyl metal complexes: a bimetallic ruthenium system with a C <sub>7</sub> conjugated bridge. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 4513-7	16.4	54
76	Ruthenium catalyzed regioselective hydrophosphination of propargyl alcohols. <i>Chemical Communications</i> , <b>2003</b> , 696-7	5.8	54
75	Ruthenium(II) catalysed synthesis of unsaturated oxazolines via arene C≡C bond alkenylation. <i>Green Chemistry</i> , <b>2012</b> , 14, 2706	10	53
74	Allenylidene-ruthenium complexes as versatile precatalysts for alkene metathesis reactions. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 213, 31-37		53
73	The versatility of molecular ruthenium catalyst RuCl(COD)(C <sub>5</sub> Me <sub>5</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 1382-1392	2.3	53
72	Synthesis of β-oxopropyl esters by catalytic addition of carboxylic acids and N-protected amino acids to propargyl alcohol. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 925-926	4.2	53
71	Synthesis of optically active allenes using tandem enzyme and palladium-catalysed reactions. <i>Chemical Communications</i> , <b>1997</b> , 2083-2084	5.8	52
70	Organometallic cumulenes: Allenylidene- and alkenyl allenylidene-ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , <b>1991</b> , 420, 217-226	2.3	52
69	Bis-allenylidene metal complex and unique related radical with delocalization of one electron over both trans carbon-rich chains. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 4072-3	16.4	51
68	Late stage modifications of P-containing ligands using transition-metal-catalysed C-H bond functionalisation. <i>Chemical Communications</i> , <b>2018</b> , 54, 7265-7280	5.8	50

67	Synthesis of bis-oxazoline-ruthenium(II)-arene complexes.. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 662, 63-69	2.3	50
66	Functional Ruthenium(II) Allenylidene and Diynyl (Arene) Derivatives Formed by Activation of a Diyne via a Ru:C:C:C:CR <sub>2</sub> Intermediate. <i>Organometallics</i> , <b>1995</b> , 14, 3319-3326	3.8	47
65	Ruthenium-catalysed coupling of allyl alcohol with alkynes: A new route to $\beta$ -unsaturated acetals and aldehydes. <i>Tetrahedron</i> , <b>1996</b> , 52, 5511-5524	2.4	46
64	Amphoteric Allenylidene Ruthenium Complexes and the First Dinuclear Ruthenium Species with a Bis-alkenyl Carbyne Bridging Ligand. <i>Organometallics</i> , <b>2003</b> , 22, 3980-3984	3.8	44
63	Carbon disulfide complexes of zerovalent iron: synthesis and spectroscopic properties. X-ray crystal structure of ( $\eta$ -2-carbon disulfide)dicarbonyl(trimethylphosphine)(triphenylphosphine)iron(0). <i>Inorganic Chemistry</i> , <b>1978</b> , 17, 2568-2574	5.1	44
62	Ruthenium Acetylide Oxidation: From Stable Radicals to Allenylidene Synthesis via $\beta$ -Elimination of H <sup>+</sup> . <i>Organometallics</i> , <b>2002</b> , 21, 2654-2661	3.8	43
61	New paramagnetic ruthenium complexes via one-electron reduction of metallacumulenes. <i>Chemical Communications</i> , <b>2001</b> , 373-374	5.8	43
60	Cascade and Sequential Catalytic Transformations Initiated by Ruthenium Catalysts 295-326		41
59	Regioselective synthesis of isopropenyl esters by ruthenium catalysed addition of N-protected amino-acids to propyne. <i>Tetrahedron Letters</i> , <b>1988</b> , 29, 5365-5368	2	39
58	A new binuclear ruthenium complex with an annelated C <sub>7</sub> bridge via an unprecedented [2 + 2] coupling reaction. <i>Chemical Communications</i> , <b>2001</b> , 1206-1207	5.8	38
57	Selective transformations of alkynols catalyzed by ruthenium complexes. <i>Inorganica Chimica Acta</i> , <b>1994</b> , 222, 155-163	2.7	38
56	Ruthenium catalysed synthesis of unsaturated acetals and aldehydes via C $\equiv$ C bond coupling of alkynes with allyl alcohol. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 2551-2552		38
55	Buta-1,2,3-trienylidene, acylvinylidene and acylalkynyl ruthenium complexes via activation of alkynes with RuCl <sub>2</sub> (dppe) <sub>2</sub> . X-ray structure of trans-[Ru( $\eta$ -C $\equiv$ CHCOCH <sub>2</sub> Ph)(Cl)(dppe) <sub>2</sub> ](O <sub>3</sub> SCF <sub>3</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 565, 63-73	2.3	37
54	Enol esters as intermediates for the facile conversion of amino acids into amides and dipeptides. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 5359-5362	2	37
53	Formation of arene(carbene)ruthenium complexes via vinylideneruthenium intermediates. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 317, C25-C27	2.3	36
52	Powerful control by organoruthenium catalysts of the regioselective addition to C(1) or C(2) of the prop-2-ynyl ethers C $\equiv$ C triple bond. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 551, 151-157	2.3	35
51	Synthesis, Structural Characterization, Ligand Displacement Reaction, and Electrochemical Property of Ruthenium Complexes Incorporating Linked Cyclopentadienyl-Carboranyl Ligands. <i>Organometallics</i> , <b>2004</b> , 23, 5864-5872	3.8	35
50	Ruthenium catalysed regioselective synthesis of O-1-(1,3-dienyl) carbamates directly from CO <sub>2</sub> . <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 7409-7410	2	35

- 49 Preparation of new ruthenium-Allenylidene catalysts and their use in polymerisation of cyclic olefins. *Journal of Molecular Catalysis A*, **2002**, 182-183, 577-583 34
- 48 Ruthenium-catalyzed synthesis of alkylidene-cyclobutenes via head-to-head dimerization of propargylic alcohols and cyclobutadiene-ruthenium intermediates. *Chemistry - A European Journal*, **2005**, 11, 1312-24 4.8 34
- 47 General synthesis of 2-acyloxy-1,3-dienes in one step from carboxylic acids and butenyne derivatives. *Journal of the Chemical Society Chemical Communications*, **1990**, 1199 33
- 46 Rh-Catalyzed P-Directed C-H Bond Alkylation: Design of Multifunctional Phosphines for Carboxylation of Aryl Bromides with Carbon Dioxide. *Angewandte Chemie - International Edition*, **2019**, 58, 14110-14114 16.4 32
- 45 Ruthenium-Catalyzed C-C Bond Formation. *Topics in Organometallic Chemistry*, **2004**, 1-44 0.6 32
- 44 Efficient preparations of acylamides, acylcarbamates and acylureas from alk-1-en-2-yl esters. *Tetrahedron*, **1995**, 51, 10901-10912 2.4 31
- 43 Direct propargylation of furan and arene by propargylic alcohols promoted by bisoxazoline-ruthenium catalysts. *New Journal of Chemistry*, **2005**, 29, 765 3.6 28
- 42 2-Imidazoline- and 1,4,5,6-tetrahydropyrimidine-ruthenium(II) complexes and catalytic synthesis of furan. *Journal of Organometallic Chemistry*, **1999**, 575, 187-192 2.3 27
- 41 Metallacumulenes: preparation of novel alkenyl-Allenylidene- and diynyl-ruthenium complexes. Crystal structure of a Ru(CCC)(OSiMe<sub>3</sub>)Ph<sub>2</sub> derivative. *Journal of the Chemical Society Chemical Communications*, **1990**, 1410-1412 27
- 40 Early Steps of Homogeneous Catalysis in Rennes: Carbon Dioxide Incorporation, Alkyne Activation and Ruthenium Catalysis. *Catalysis Letters*, **2015**, 145, 360-372 2.8 25
- 39 Allenylidene to Indenylidene Rearrangement in Cationic p-Cymene Ruthenium(II) Complexes: Solvent, Counteranion, and Substituent Effects in the Key Step toward Catalytic Olefin Metathesis. *Organometallics*, **2010**, 29, 4524-4531 3.8 24
- 38 Synthesis of 2-Pyridinemethyl Ester Derivatives from Aldehydes and 2-Alkylheterocycle N-Oxides via Copper-Catalyzed Tandem Oxidative Coupling-Rearrangement. *Organic Letters*, **2017**, 19, 6720-6723 6.2 23
- 37 Carbonylation of tertiary carbon radicals: synthesis of lactams. *Chemical Communications*, **2019**, 55, 4655-4658 5.8 21
- 36 Metal-catalyzed silylation of sp<sup>3</sup>C-H bonds. *Chemical Society Reviews*, **2021**, 50, 5062-5085 58.5 21
- 35 A Triflamide-Tethered N-Heterocyclic Carbene-Rhodium(I) Catalyst for Hydroalkoxylation Reactions: Ligand-Promoted Nucleophilic Activation of Alcohols. *ChemCatChem*, **2017**, 9, 1397-1401 5.2 19
- 34 Transformations of terpenes and terpenoids via carbon-carbon double bond metathesis. *Catalysis Science and Technology*, **2018**, 8, 3989-4004 5.5 19
- 33 Access to Cyclic HCF<sub>3</sub>-Substituted  $\alpha$ -Amino Acid Derivatives by Ring-Closing Metathesis of Functionalized 1,7-Enynes. *European Journal of Organic Chemistry*, **2013**, 2013, 5353-5363 3.2 19
- 32 New synthesis of 1,3-dithiole and 1,3-thiazole-2-thiones promoted by iron complexes. *Journal of Organic Chemistry*, **1982**, 47, 4000-4002 4.2 19

31	Reaction of $[\eta\text{-}5\text{-Me}_2\text{C}(\text{C}_5\text{H}_4)(\text{C}_2\text{B}_{10}\text{H}_{10})]\text{Ru}(\text{NCCH}_3)_2$ with $\text{Me}_3\text{SiC}\equiv\text{CR}$ . Synthesis and Structural Characterization of Mononuclear Ruthenium Bis(vinylidene) and Vinylvinylidene Complexes. <i>Organometallics</i> , <b>2006</b> , 25, 2719-2721	3.8	18
30	Copper-Catalyzed Alkoxyacylation of Alkanes with Alcohols. <i>ChemSusChem</i> , <b>2017</b> , 10, 1341-1345	8.3	17
29	Ruthenium-Catalyzed $\text{C}\equiv\text{C}$ Bond Alkylation of Arylphosphine Oxides with Alkenes: A Straightforward Access to Bifunctional Phosphorous Ligands with a Pendent Carboxylate. <i>ChemCatChem</i> , <b>2017</b> , 9, 3117-3120	5.2	16
28	Allenes and Cumulenes <b>1995</b> , 953-995		15
27	Recyclable polymeric phosphine-ruthenium catalyst for the synthesis of new enol diesters. <i>Journal of Molecular Catalysis A</i> , <b>1996</b> , 108, 29-34		15
26	A new route to iron(0) thiocarbonyl complex involving desulphurization of the $\text{Fe}(\eta\text{-CS}_2\text{R})^+$ cation with P-n-Bu <sub>3</sub> . Crystal structure of $\text{Fe}(\text{CS})(\text{CO})_2(\text{PPh}_3)_2$ . <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 317, 291-299	2.3	15
25	Synthesis of $\text{CF}_3$ -Containing 1,2,3,4-Tetrahydroisoquinoline-3-Phosphonates via Regioselective Ruthenium-Catalyzed Co-cyclotrimerization of 1,7-Aza $\pi$ -Diyne. <i>Synlett</i> , <b>2013</b> , 24, 1517-1522	2.2	12
24	A novel route to thiocarbonylmetal complexes via electron transfer to $(\eta\text{-CS}_2\text{R})$ -metal cations. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1986</b> , 37-38		12
23	Neutral and cationic ( $\eta\text{-}2$ -dithioalkyl ester)iron(II) complexes. Synthesis, spectroscopic studies, and x-ray structure of $[\text{Fe}(\eta\text{-}2\text{-CS}_2\text{CH}_2\text{Ph})(\text{CO})_2(\text{PMe}_3)_2]\text{PF}_6$ . <i>Inorganic Chemistry</i> , <b>1981</b> , 20, 1811-1817 <sup>5.1</sup>	5.1	11
22	Chemistry of $\eta\text{-}2$ -CS <sub>2</sub> complexes. Mononuclear iron compounds containing alkoxythiocarbonyl and chelating Ph <sub>2</sub> PCH:C(R)S ligands via coupling of coordinated CS <sub>2</sub> and phosphinoacetylenes: x-ray structure of $\text{Fe}(\text{CO})[\text{P}(\text{OMe})_3][\text{Ph}_2\text{PCH:CCMe}_3][\text{CS}(\text{OMe})]$ . <i>Organometallics</i> , <b>1982</b> , 1, 1148-1154	3.8	11
21	Late-Stage Diversification of Biarylphosphines through Rhodium(I)-Catalyzed C-H Bond Alkenylation with Internal Alkynes. <i>Organic Letters</i> , <b>2020</b> , 22, 5936-5940	6.2	10
20	Novel route to tetrathiafulvalene derivatives via carbon disulphideiron complexes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1983</b> , 1462-1463		10
19	Synthesis of methacrylate monomers from alkynes and arenealkenylruthenium(II) catalyst. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 488, C9-C10	2.3	9
18	Alkenes as hydrogen trappers to control the regio-selective ruthenium(II) catalyzed ortho $\text{C}\equiv\text{C}$ silylation of amides and anilides. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 514-521	5.2	8
17	Metal-free C(sp)-H bond sulfonyloxylation of 2-alkylpyridines and alkylnitrones. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 4954-4957	3.9	7
16	Stereoselective synthesis of $\beta$ -ketoesters from prop-2-yn-1-ols. <i>Tetrahedron</i> , <b>1997</b> , 53, 9241-9252	2.4	7
15	RhI-Catalyzed PIII-Directed $\text{C}\equiv\text{C}$ Bond Alkylation: Design of Multifunctional Phosphines for Carboxylation of Aryl Bromides with Carbon Dioxide. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14248-14252	3.6	6
14	syn-Selective Construction of Fused Heterocycles by Catalytic Reductive Tandem Functionalization of N-Heteroarenes. <i>ACS Catalysis</i> , <b>2021</b> , 11, 9271-9278	13.1	6

13	$\eta^2$ -Alkoxythiocarbonyl and chelating Ph <sub>2</sub> PCHC(R)S-ligands via intramolecular coupling of co-ordinated CS <sub>2</sub> and Ph <sub>2</sub> PCCR; X-ray crystal structure of Fe(CO)[P(OMe) <sub>3</sub> ][Ph <sub>2</sub> PCHC(But)S][CS(OMe)]. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1980</b> , 361-363		5
12	Carbon-rich Organoruthenium and Selective Catalytic Transformations of Alkynes <b>1997</b> , 1-20		5
11	Ruthenium Indenylidene Catalysts for Alkene Metathesis <b>2015</b> , 389-416		4
10	Access to Functionalized $\eta^2$ -Trifluoromethyl- $\eta^2$ -aminophosphonates via Intermolecular Ene- $\pi$ -Alkyne Metathesis. <i>Synlett</i> , <b>2014</b> , 25, 2624-2628	2.2	4
9	Synthesis of Triazole and Coumarin Compounds and Their Physiological Activity. <i>Topics in Heterocyclic Chemistry</i> , <b>2007</b> , 123-153	0.2	4
8	Access to novel [2-(diphenylphosphino)alkenethiolato]iron complexes via reactions of the $\eta^2$ -alkoxythiocarbonyl ligand. <i>Organometallics</i> , <b>1984</b> , 3, 1771-1772	3.8	3
7	Redox Active Architectures and Carbon-Rich Ruthenium Complexes as Models for Molecular Wires <b>2006</b> , 55-84		3
6	Ruthenium Allenylidenes and Indenylidenes as Catalysts in Alkene Metathesis 251-277		2
5	1,8-Diazabicyclo[5.4.0]undec-7-ene as a ligand in an intermediate in selective carbonyl substitution of a ruthenium-cobalt complex. <i>Journal of Organometallic Chemistry</i> , <b>1988</b> , 344, C11-C14	2.3	2
4	Ruthenium Carbenes as Catalysts for Alkene Metathesis <b>2003</b> , 23-42		2
3	CARBON DISULFIDE IRON (O) COMPLEXES <b>1986</b> , 297-301		2
2	Metal Carbene Complexes from Alkynes <b>1989</b> , 107-121		1
1	THIOCARBONYL IRON (O) COMPLEXES <b>1988</b> , 149-151		