Romas J Kazlauskas

List of Publications by Year
in descending order

126 papers	10,351 citations	41344 49 h-index	34986 98 g-index
177 all docs	177 docs citations	177 times ranked	7382 citing authors

#	Article	IF	Citations
1	Enzymatic Enantioselective antiâ€Markovnikov Hydration of Aryl Alkenes. Angewandte Chemie, 2022, 134, .	2.0	3
2	Plasmid hypermutation using a targeted artificial DNA replisome. Science Advances, 2021, 7, .	10.3	10
3	High-Level Production of Lysine in the Yeast Saccharomyces cerevisiae by Rational Design of Homocitrate Synthase. Applied and Environmental Microbiology, 2021, 87, e0060021.	3.1	8
4	Larger active site in an ancestral hydroxynitrile lyase increases catalytically promiscuous esterase activity. PLoS ONE, 2020, 15, e0235341.	2.5	13
5	Evolutionary innovation using EDGE, a system for localized elevated mutagenesis. PLoS ONE, 2020, 15, e0232330.	2.5	3
6	Consensus Finder web tool to predict stabilizing substitutions in proteins. Methods in Enzymology, 2020, 643, 129-148.	1.0	33
7	Enzymes working in reverse. Nature Catalysis, 2018, 1, 172-173.	34.4	0
8	Engineering more stable proteins. Chemical Society Reviews, 2018, 47, 9026-9045.	38.1	113
9	Identical Active Sites in Hydroxynitrile Lyases Show Opposite Enantioselectivity and Reveal Possible Ancestral Mechanism. ACS Catalysis, 2017, 7, 4221-4229.	11.2	9
10	Comparison of Five Protein Engineering Strategies for Stabilizing an Î±/Î²-Hydrolase. Biochemistry, 2017, 56, 6521-6532.	2.5	56
11	Improving Pseudomonas fluorescens esterase for hydrolysis of lactones. Catalysis Science and Technology, 2017, 7, 4756-4765.	4.1	3
12	Mild pretreatment of yellow poplar biomass using sequential dilute acid and enzymatically-generated peracetic acid to enhance cellulase accessibility. Biotechnology and Bioprocess Engineering, 2017, 22, 405-412.	2.6	14
13	One-step pretreatment of yellow poplar biomass using peracetic acid to enhance enzymatic digestibility. Scientific Reports, 2017, 7, 12216.	3.3	25
14	Improved pretreatment of yellow poplar biomass using hot compressed water and enzymatically-generated peracetic acid. Biomass and Bioenergy, 2017, 105, 190-196.	5.7	15
15	Developmental evolution facilitates rapid adaptation. Scientific Reports, 2017, 7, 15891.	3.3	4
16	Biosynthesis of (â˜)-5-Hydroxy-equol and 5-Hydroxy-dehydroequol from Soy Isoflavone, Genistein Using Microbial Whole Cell Bioconversion. ACS Chemical Biology, 2017, 12, 2883-2890.	3.4	31
17	Hydrolysis and Formation of Carboxylic Acid and Alcohol Derivatives. , 2016, , 127-148.		2
18	The Fungus <i>Trichoderma</i> Regulates Submerged Conidiation Using the Steroid Pregnenolone. ACS Chemical Biology, 2016, 11, 2568-2575.	3.4	3

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19	Production of <i>pâ€</i>hydroxybenzoic acid from <i>pâ€</i>coumaric acid by <i>Burkholderia glumae</i> BGR1. Biotechnology and Bioengineering, 2016, 113, 1493-1503.	3.3	38
20	Catalytic Promiscuity of Ancestral Esterases and Hydroxynitrile Lyases. Journal of the American Chemical Society, 2016, 138, 1046-1056.	13.7	91
21	Evolution of a Catalytic Mechanism. Molecular Biology and Evolution, 2016, 33, 971-979.	8.9	19
22	Experimental Evolution of Trichoderma citrinoviride for Faster Deconstruction of Cellulose. PLoS ONE, 2016, 11, e0147024.	2.5	3
23	Stabilization of an Î±/Î²-Hydrolase by Introducing Proline Residues: Salicylic Acid Binding Protein 2 from Tobacco. Biochemistry, 2015, 54, 4330-4341.	2.5	17
24	How the Same Core Catalytic Machinery Catalyzes 17 Different Reactions: the Serine-Histidine-Aspartate Catalytic Triad of Î±/Î²-Hydrolase Fold Enzymes. ACS Catalysis, 2015, 5, 6153-6176.	11.2	216
25	The road to L. Nature Chemistry, 2015, 7, 11-12.	13.6	4
26	Increasing the Reaction Rate of Hydroxynitrile Lyase from <i>Hevea brasiliensis</i> toward Mandelonitrile by Copying Active Site Residues from an Esterase that Accepts Aromatic Esters. ChemBioChem, 2014, 15, 1931-1938.	2.6	14
27	Molecular Basis for the Enantioâ€•and Diastereoselectivity of <i>Burkholderia cepacia</i> Lipase toward Î³â€Butyrolactone Primary Alcohols. Advanced Synthesis and Catalysis, 2014, 356, 3585-3599.	4.3	2
28	Uncovering divergent evolution of Î±/Î²-hydrolases: a surprising residue substitution needed to convert Hevea brasiliensis hydroxynitrile lyase into an esterase. Chemical Science, 2014, 5, 4265-4277.	7.4	16
29	Bioconversion of p-coumaric acid to p-hydroxystyrene using phenolic acid decarboxylase from B. amyloliquefaciens in biphasic reaction system. Applied Microbiology and Biotechnology, 2013, 97, 1501-1511.	3.6	62
30	New Structural Motif for Carboxylic Acid Perhydrolases. Chemistry - A European Journal, 2013, 19, 3037-3046.	3.3	5
31	Revised Molecular Basis of the Promiscuous Carboxylic Acid Perhydrolase Activity in Serine Hydrolases. Chemistry - A European Journal, 2012, 18, 8130-8139.	3.3	20
32	Biology Evolves to Fight Chemistry. Chemistry and Biology, 2012, 19, 435-437.	6.0	1
33	Survey of Protein Engineering Strategies. Current Protocols in Protein Science, 2011, 66, Unit26.7.	2.8	17
34	Molecular Basis of Chiral Acid Recognition by <i>Candida rugosa</i> Lipase: Xâ€Ray Structure of Transition State Analog and Modeling of the Hydrolysis of Methyl 2â€Methoxyâ€2â€phenylacetate. Advanced Synthesis and Catalysis, 2011, 353, 2529-2544.	4.3	23
35	Different Activeâ€Site Loop Orientation in Serine Hydrolases versus Acyltransferases. ChemBioChem, 2011, 12, 768-776.	2.6	42
36	Protein Engineering of Î±/Î²â€Hydrolase Fold Enzymes. ChemBioChem, 2011, 12, 1508-1517.	2.6	92

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37	Inside Cover: Different Active-Site Loop Orientation in Serine Hydrolases versus Acyltransferases (ChemBioChem 5/2011). ChemBioChem, 2011, 12, 654-654.	2.6	0
38	Improved pretreatment of lignocellulosic biomass using enzymatically-generated peracetic acid. Bioresource Technology, 2011, 102, 5183-5192.	9.6	47
39	Regioselective Hydroformylation of Styrene Using Rhodiumâ€Substituted Carbonic Anhydrase. ChemCatChem, 2010, 2, 953-957.	3.7	81
40	Deep Eutectic Solvents for<i>Candida antarctica</i>Lipase B-Catalyzed Reactions. ACS Symposium Series, 2010, , 169-180.	0.5	29
41	Toward advanced ionic liquids. Polar, enzyme-friendly solvents for biocatalysis. Biotechnology and Bioprocess Engineering, 2010, 15, 40-53.	2.6	245
42	Increased Saccharification Yields from Aspen Biomass Upon Treatment with Enzymatically Generated Peracetic Acid. Applied Biochemistry and Biotechnology, 2010, 160, 1637-1652.	2.9	30
43	Switching from an Esterase to a Hydroxynitrile Lyase Mechanism Requires Only Two Amino Acid Substitutions. Chemistry and Biology, 2010, 17, 863-871.	6.0	48
44	Switching Catalysis from Hydrolysis to Perhydrolysis in <i>Pseudomonas fluorescens</i> Esterase[,]. Biochemistry, 2010, 49, 1931-1942.	2.5	54
45	Stereoselective Hydrogenation of Olefins Using Rhodiumâ€Substituted Carbonic Anhydraseâ€"A New Reductase. Chemistry - A European Journal, 2009, 15, 1370-1376.	3.3	93
46	Molecular Basis for the Stereoselective Ammoniolysis of <i>N</i>â€Alkyl Aziridineâ€2â€Carboxylates Catalyzed by <i>Candida antarctica</i> Lipase B. ChemBioChem, 2009, 10, 2213-2222.	2.6	18
47	Inside Cover: Molecular Basis for the Stereoselective Ammoniolysis ofN-Alkyl Aziridine-2-Carboxylates Catalyzed byCandida antarcticaLipase B (ChemBioChem 13/2009). ChemBioChem, 2009, 10, 2122-2122.	2.6	0
48	Converting an Esterase into an Epoxide Hydrolase. Angewandte Chemie - International Edition, 2009, 48, 3532-3535.	13.8	67
49	Finding better protein engineering strategies. Nature Chemical Biology, 2009, 5, 526-529.	8.0	202
50	Manganese-Substituted Î±-Carbonic Anhydrase as an Enantioselective Peroxidase. Topics in Organometallic Chemistry, 2009, , 45-61.	0.7	10
51	Determination of absolute configuration of secondary alcohols using lipaseâ€catalyzed kinetic resolutions. Chirality, 2008, 20, 724-735.	2.6	59
52	Enantiocomplementary Enzymes: Classification, Molecular Basis for Their Enantiopreference, and Prospects for Mirrorâ€Image Biotransformations. Angewandte Chemie - International Edition, 2008, 47, 8782-8793.	13.8	101
53	Hydrolase-catalyzed biotransformations in deep eutectic solvents. Chemical Communications, 2008, , 1235.	4.1	435
54	Enzymatic synthesis of poly(hydroxyalkanoates) in ionic liquids. Journal of Biotechnology, 2007, 132, 306-313.	3.8	70

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55	Ten years of green chemistry at the Gordon Research Conferences: frontiers of science. Green Chemistry, 2006, 8, 677.	9.0	6
56	Quantitative Assay of Hydrolases for Activity and Selectivity Using Color Changes. , 2006, , 15-39.		7
57	Manganese-Substituted Carbonic Anhydrase as a New Peroxidase. Chemistry - A European Journal, 2006, 12, 1587-1596.	3.3	160
58	Remote Interactions Explain the Unusual Regioselectivity of Lipase from Pseudomonas cepacia toward the Secondary Hydroxyl of 2â€²-Deoxynucleosides. ChemBioChem, 2006, 7, 693-698.	2.6	32
59	The 3-(3-Pyridine)propionyl Anchor Group for Protease-Catalyzed Resolutions:p-Toluenesulfinamide and Sterically Hindered Secondary Alcohols. Advanced Synthesis and Catalysis, 2006, 348, 1183-1192.	4.3	10
60	Enhancing catalytic promiscuity for biocatalysis. Current Opinion in Chemical Biology, 2005, 9, 195-201.	6.1	242
61	Focusing Mutations into the P. fluorescens Esterase Binding Site Increases Enantioselectivity More Effectively than Distant Mutations. Chemistry and Biology, 2005, 12, 45-54.	6.0	115
62	Mirror-Image Packing in Enantiomer Discrimination. Chemistry and Biology, 2005, 12, 427-437.	6.0	62
63	Improving enzyme properties: when are closer mutations better?. Trends in Biotechnology, 2005, 23, 231-237.	9.3	392
64	Molecular Basis of Perhydrolase Activity in Serine Hydrolases. Angewandte Chemie - International Edition, 2005, 44, 2742-2746.	13.8	67
65	An Inverse Substrate Orientation for the Regioselective Acylation of 3â€²,5â€²-Diaminonucleosides Catalyzed by Candida antarctica lipase B?. ChemBioChem, 2005, 6, 1381-1390.	2.6	52
66	Receptor-Assisted Combinatorial Chemistry: Thermodynamics and Kinetics in Drug Discovery. Chemistry - A European Journal, 2005, 11, 1708-1716.	3.3	82
67	Catalytic Promiscuity in Biocatalysis: Using Old Enzymes to Form New Bonds and Follow New Pathways. ChemInform, 2005, 36, no.	0.0	0
68	Subtilisin-Catalyzed Resolution ofN-Acyl Arylsulfinamides. Journal of the American Chemical Society, 2005, 127, 2104-2113.	13.7	45
69	How Substrate Solvation Contributes to the Enantioselectivity of Subtilisin toward Secondary Alcohols. Journal of the American Chemical Society, 2005, 127, 12228-12229.	13.7	44
70	Structure of an aryl esterase fromPseudomonas fluorescens. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1237-1243.	2.5	63
71	Pseudodynamic Combinatorial Libraries: A Receptor-Assisted Approach for Drug Discovery. Angewandte Chemie - International Edition, 2004, 43, 2432-2436.	13.8	30
72	Catalytic Promiscuity in Biocatalysis: Using Old Enzymes to Form New Bonds and Follow New Pathways. Angewandte Chemie - International Edition, 2004, 43, 6032-6040.	13.8	525

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73	Enantiocomplementary Enzymatic Resolution of the Chiral Auxiliary: cis,cis-6-(2,2-Dimethylpropanamido)spiro[4.4]nonan-1-ol and the Molecular Basis for the High Enantioselectivity of Subtilisin Carlsberg. ChemBioChem, 2004, 5, 980-987.	2.6	13
74	Mapping the substrate selectivity and enantioselectivity of esterases from thermophiles. Tetrahedron: Asymmetry, 2004, 15, 2991-3004.	1.8	20
75	Parallel synthesis of an ester library for substrate mapping of esterases and lipases. Tetrahedron: Asymmetry, 2004, 15, 3005-3009.	1.8	7
76	Ionic Liquids Create New Opportunities for Nonaqueous Biocatalysis with Polar Substrates: Acylation of Glucose and Ascorbic Acid. ACS Symposium Series, 2003, , 225-238.	0.5	19
77	Mutations in Distant Residues Moderately Increase the Enantioselectivity of Pseudomonas fluorescens Esterase towards Methyl 3Bromo-2-methylpropanoate and Ethyl 3Phenylbutyrate. Chemistry - A European Journal, 2003, 9, 1933-1939.	3.3	96
78	Highly enantioselective kinetic resolution of primary alcohols of the type Ph-X-CH(CH3)-CH2OH by Pseudomonas cepacia lipase: effect of acyl chain length and solvent. Tetrahedron: Asymmetry, 2003, 14, 3917-3924.	1.8	39
79	Biocatalysis in ionic liquids â€“ advantages beyond green technology. Current Opinion in Biotechnology, 2003, 14, 432-437.	6.6	625
80	Vacuum-driven lipase-catalysed direct condensation of l-ascorbic acid and fatty acids in ionic liquids: synthesis of a natural surface active antioxidant. Green Chemistry, 2003, 5, 715.	9.0	52
81	Amplification of Screening Sensitivity through Selective Destruction:Â Theory and Screening of a Library of Carbonic Anhydrase Inhibitors. Journal of the American Chemical Society, 2002, 124, 5692-5701.	13.7	47
82	Improved Preparation and Use of Room-Temperature Ionic Liquids in Lipase-Catalyzed Enantio- and Regioselective Acylations. Journal of Organic Chemistry, 2001, 66, 8395-8401.	3.2	568
83	Molecular Basis for Enantioselectivity of Lipase fromChromobacteriumviscosumtoward the Diesters of 2,3-Dihydro-3-(4â€˜-hydroxyphenyl)-1,1,3-trimethyl-1H-inden-5-ol. Journal of Organic Chemistry, 2001, 66, 3041-3048.	3.2	18
84	Choosing Hydrolases for Enantioselective Reactions Involving Alcohols Using Empirical Rules. , 2001, , 243-259.		1
85	Mapping the substrate selectivity of new hydrolases using colorimetric screening: lipases from Bacillus thermocatenulatus and Ophiostoma piliferum, esterases from Pseudomonas fluorescens and Streptomyces diastatochromogenes. Tetrahedron: Asymmetry, 2001, 12, 545-556.	1.8	85
86	Molecular Basis for Empirical Rules that Predict the Stereoselectivity of Hydrolases. NATO Science Series Partnership Sub-series 1, Disarmament Technologies, 2000, , 43-69.	0.1	0
87	`Watching' lipase-catalyzed acylations using 1H NMR: competing hydrolysis of vinyl acetate in dry organic solvents. Tetrahedron: Asymmetry, 1999, 10, 2635-2638.	1.8	50
88	Molecular Basis for Enantioselectivity of Lipase from Pseudomonas cepacia toward Primary Alcohols. Modeling, Kinetics, and Chemical Modification of Tyr29 to Increase or Decrease Enantioselectivity. Journal of Organic Chemistry, 1999, 64, 2638-2647.	3.2	102
89	First Preparation of Enantiopure Indane Monomer, (S)-(âˆ’)- and (R)-(+)-2,3-dihydro-3-(4â€˜-hydroxyphenyl)-1,1,3-trimethyl-1H-inden-5-ol, via a Unique Enantio- and Regioselective Enzymatic Kinetic Resolution. Journal of Organic Chemistry, 1999, 64, 7498-7503.	3.2	16
90	Protease-Mediated Separation of Cis and Trans Diastereomers of 2(R,S)-benzyloxymethyl-4(S)-carboxylic Acid 1,3-Dioxolane Methyl Ester:Â Intermediates for the Synthesis of Dioxolane Nucleosides. Journal of Organic Chemistry, 1999, 64, 9019-9029.	3.2	28

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91	Quantitative Screening of Hydrolase Libraries Using pH Indicators: Identifying Active and Enantioselective Hydrolases. Chemistry - A European Journal, 1998, 4, 2324-2331.	3.3	191
92	Improving hydrolases for organic synthesis. Current Opinion in Chemical Biology, 1998, 2, 121-126.	6.1	24
93	Quick E. A Fast Spectrophotometric Method To Measure the Enantioselectivity of Hydrolases. Journal of Organic Chemistry, 1997, 62, 4560-4561.	3.2	150
94	A structure-based rationalization of the enantiopreference of subtilisin toward secondary alcohols and isosteric primary amines. Journal of Molecular Catalysis B: Enzymatic, 1997, 3, 65-72.	1.8	72
95	Empirical rules for the enantiopreference of lipase from Aspergillus niger toward secondary alcohols and carboxylic acids, especially Î±-amino acids. Tetrahedron: Asymmetry, 1997, 8, 3719-3733.	1.8	30
96	Lipase-Catalyzed Ring-Opening Polymerization of Lactones:â€‰ A Novel Route to Poly(hydroxyalkanoate)s. Macromolecules, 1996, 29, 4829-4833.	4.8	149
97	Enantiopreference of Lipase from Pseudomonas cepacia toward Primary Alcohols. Journal of Organic Chemistry, 1995, 60, 6959-6969.	3.2	172
98	A 2-Propanol Treatment Increases the Enantioselectivity of Candida rugosa Lipase toward Esters of Chiral Carboxylic Acids. Journal of Organic Chemistry, 1995, 60, 212-217.	3.2	173
99	Kinetic resolution of sulfoxides with pendant acetoxy groups using cholesterol esterase: substrate mapping and an empirical rule for chiral phenols. Canadian Journal of Chemistry, 1995, 73, 1357-1367.	1.1	21
100	Kinetic resolutions concentrate the minor enantiomer and aid measurement of high enantiomeric purity.. Tetrahedron: Asymmetry, 1994, 5, 83-92.	1.8	18
101	Isolation of racemic 2,4-pentanediol and 2,5-hexanediol from commercial mixtures of racemic and meso isomers by way of cyclic sulfites.. Tetrahedron: Asymmetry, 1994, 5, 657-664.	1.8	24
102	Elucidating structure-mechanism relationships in lipases: Prospects for predicting and engineering catalytic properties. Trends in Biotechnology, 1994, 12, 464-472.	9.3	137
103	Enantioselectivity of Candida Rugosa Lipase Toward Carboxylic Acids: A Predictive Rule from Substrate Mapping and X-Ray Crystallography. Biocatalysis, 1994, 9, 209-225.	0.9	77
104	Analogs of Reaction Intermediates Identify a Unique Substrate Binding Site in Candida rugosa Lipase. Biochemistry, 1994, 33, 3494-3500.	2.5	262
105	A Structural Basis for the Chiral Preferences of Lipases. Journal of the American Chemical Society, 1994, 116, 3180-3186.	13.7	328
106	Kinetic Resolution of Pipecolic Acid Using Partially-Purified Lipase from Aspergillus niger. Journal of Organic Chemistry, 1994, 59, 2075-2081.	3.2	51
107	Kinetic Resolution of Phosphines and Phosphine Oxides with Phosphorus Stereocenters by Hydrolases. Journal of Organic Chemistry, 1994, 59, 7609-7615.	3.2	38
108	Dicarboxylic Acids Link Proton Transfer Across a Liquid Membrane to the Synthesis of Acyl Phosphates. A Model for P-Type H+-ATPases. Journal of Organic Chemistry, 1994, 59, 3626-3635.	3.2	1

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109	Substrate modification to increase the enantioselectivity of hydrolases. A route to optically-active cyclic allylic alcohols.. Tetrahedron: Asymmetry, 1993, 4, 879-888.	1.8	53
110	Sequential kinetic resolution of (Â±)-2,3-butanediol in organic solvent using lipase from Pseudomonas cepacia.. Tetrahedron: Asymmetry, 1993, 4, 1995-2000.	1.8	38
111	Synthesis of an acylphosphate driven by a proton gradient. A model for H+-ATPase. Journal of Organic Chemistry, 1992, 57, 7005-7006.	3.2	1
112	Calibration plots to aid determination of high enantiomeric purity using chiral lanthanide shift reagents.. Tetrahedron: Asymmetry, 1992, 3, 243-246.	1.8	8
113	An optimized sequential kinetic resolution of trans-1,2-cyclohexanediol. Journal of Organic Chemistry, 1991, 56, 7251-7256.	3.2	37
114	A rule to predict which enantiomer of a secondary alcohol reacts faster in reactions catalyzed by cholesterol esterase, lipase from Pseudomonas cepacia, and lipase from Candida rugosa. Journal of Organic Chemistry, 1991, 56, 2656-2665.	3.2	920
115	Resolution of Binaphthols and Spirobiindanols Using Pancreas Extracts. , 1990, , 195-216.		0
116	Resolution of binaphthols and spirobiindanols using cholesterol esterase. Journal of the American Chemical Society, 1989, 111, 4953-4959.	13.7	149
117	Changing coenzymes improves oxidations catalyzed by alcohol dehydrogenase. Journal of Organic Chemistry, 1988, 53, 4633-4635.	3.2	18
118	[25] Enzymatic regeneration of adenosine 5â€²-triphosphate: Acetyl phosphate, phosphoenolpyruvate, methoxycarbonyl phosphate, dihydroxyacetone phosphate, 5-phospho-Î±-d-ribosyl pyrophosphate, uridine-5â€²-diphosphoglucose. Methods in Enzymology, 1987, 136, 263-280.	1.0	52
119	Synthesis of methoxycarbonyl phosphate, new reagent having high phosphoryl donor potential for use in ATP cofactor regeneration. Journal of Organic Chemistry, 1985, 50, 1069-1076.	3.2	32
120	Magnetic separations in biotechnology. Trends in Biotechnology, 1983, 1, 144-148.	9.3	105
121	Photochemistry of alkyldicarbonyl(.eta.5-cyclopentadienyl)iron and -ruthenium. Ligand substitution and alkene elimination via photogenerated sixteen-valence-electron intermediates. Organometallics, 1982, 1, 602-611.	2.3	47
122	Application of rapid-scan Fourier transform infrared spectroscopy to characterize the monodentate intermediate in the photochemical formation of tetracarbonyl(4,4'-dialkyl-2,2'-bipyridine)metal from hexacarbonylmetal. Journal of the American Chemical Society, 1982, 104, 5784-5786.	13.7	27
123	Photochemistry of metal carbonyl alkyls. Study of thermal .beta.-hydrogen transfer in photogenerated, 16-valence-electron alkyldicarbonylcyclopentadienylmolybdenum and -tungsten complexes. Journal of the American Chemical Society, 1982, 104, 6005-6015.	13.7	56
124	Photochemistry of solution and surface-confined alkyl- and benzyltricarbonylcyclopentadienyltungsten complexes. Organometallics, 1982, 1, 1338-1350.	2.3	24
125	Photogeneration of intermediates involved in catalytic cycles. .beta.-Hydride elimination from the 16-electron alkyl species generated by irradiation of tricarbonyl(.eta.5-cyclopentadienyl)(n-pentyl)tungsten(II). Journal of the American Chemical Society, 1980, 102, 1727-1730.	13.7	36
126	Enzymatic Enantioselective antiâ€Markovnikov Hydration of Aryl Alkenes. Angewandte Chemie - International Edition, 0, , .	13.8	3