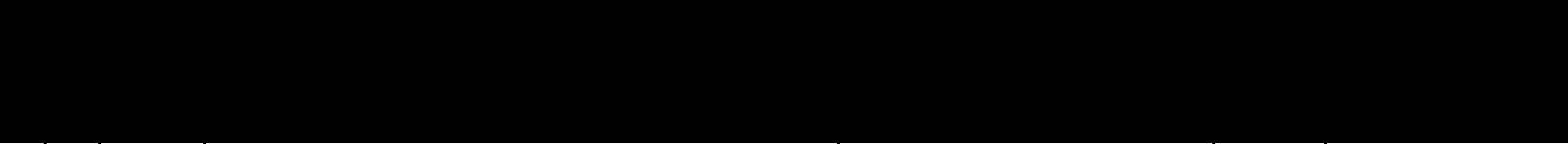


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1	201	Dihydrophenanthridine: A New and Easily Regenerable NAD(P)H Model for Biomimetic Asymmetric Hydrogenation			JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2012	134	2442-2448	128	111	54	57	
2	209	Rh(III)- and Ir(III)-Catalyzed C-H Alkynylation of Arenes Under Chelation Assistance			JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2014	136	4780-4787	203	186	86	100	
3	209	Synthesis of 2-Pyridones and Iminoesters via Rh(III)-Catalyzed Oxidative Coupling between Acrylamides and Alkynes			ORGANIC LETTERS	2010	12	5462-5465	131	113	71	42	
4	209	Palladium-Catalyzed Oxidative Cross-Coupling between Pyridine N-Oxides and Indoles			ORGANIC LETTERS	2011	13	1766-1769	132	123	62	61	
5	209	Rhodium-Catalyzed C-H Activation of Phenacyl Ammonium Salts Assisted by an Oxidizing C-N Bond: A Combination of Experimental and Theoretical Studies			JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2015	137	1623-1631	131	104	33	71	
6	209	Substrate Activation Strategies in Rhodium(III)-Catalyzed Selective Functionalization of Arenes			Accounts of Chemical Research	2015	48	1007-1020	324	271	131	140	
7	501	Hydrogen production from methanol over Ir/CeO <sub>2</sub> catalysts: A comparative study of steam reforming, partial oxidation and oxidative steam reforming	Van Veen, A. C., Mirodatos Claude,		JOURNAL OF CATALYSIS	2008	257	96-107	112	100	56	44	
8	501	Rod-Shaped Fe <sub>2</sub> O <sub>3</sub> as an Efficient Catalyst for the Selective Reduction of Nitrogen Oxide by Ammonia			ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2012	51	2989-2993	118	111	18	93	
9	501	Morphology control of cobalt oxide nanocrystals for promoting their catalytic performance			NANOSCALE	2009	1	50-60	126	118	55	63	



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19	503	Phosphotungstic Acid Encapsulated in Metal-Organic Framework as Catalysts for Carbohydrate Dehydration to 5-Hydroxymethylfurfural	Degirmenci, Volkan; Hensen, Eriël J. M	CHEMUSCHEM	2011	4	59-64	109	105	50	55
20	503	Highly efficient photocatalysts constructed by rational assembly of dual-cocatalysts separately on different facets of BiVO <sub>4</sub>		Energy & Environmental Sciences	2014	7	1369-1376	130	120	88	32
21	504	Metal-organic framework nanosheets as building blocks for molecular sieving membranes		Science	2014	346	1356-1359	234	217	105	112
22	504	An organophilic pervaporation membrane derived from metal-organic framework nanoparticles for efficient recovery of bio-alcohols		Angewandte Chemie International Edition	2011	50	10636-10639	150	134	64	70
23	504	Microwave synthesis of zeolite membranes: a review		Journal of Membrane Science	2008	316	3-17	121	105	63	42
24	506	Functionalized periodic mesoporous organosilicas for catalysis		Journal of Materials Chemistry	2009	19	1945-1955	182	169	110	59
25	1101	Redox-Responsive Fluorescent Probes with Different Design Strategies		Accounts of Chemical Research	2015	48	1358-1368	117	114	41	73
26	1501	Remarkable Performance of Ir <sup>1</sup> /FeO <sub>x</sub> Single-Atom Catalyst in Water Gas Shift Reaction	, , , , , , , , ,	Journal of the American Chemical Society	2013	135	15314-15317	163	123	50	73
27	1502	FeO <sub>x</sub> -supported platinum single-atom and pseudo-single-atom catalysts for chemoselective hydrogenation of functionalized nitroarenes		Nature Communications	2014	5	5624	154	126	52	74

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28	1502	Recent Advances in Preferential Oxidation of CO Reaction over Platinum Group Metal Catalysts			ACS Catalysis	2012	2	1165-1178	136	124	69	55
29	1502	A new 3D mesoporous carbon replicated from commercial silica as a catalyst support for direct conversion of cellulose into ethylene glycol			Chemical Communications	2010	46	862-864	151	114	56	58
30	1502	One-Pot Conversion of Cellulose to Ethylene Glycol with Multifunctional Tungsten-Based Catalysts			Accounts of Chemical Research	2013	46	1377-1386	154	112	43	69
31	1502	Catalytic Transformation of Lignin for the Production of Chemicals and Fuels	George W Hiber,		Chemical Reviews	2015	115	11559-11624	277	268	127	141
32	1502	One-pot catalytic hydrocracking of raw woody biomass into chemicals over supported carbide catalysts: simultaneous conversion of cellulose, hemicellulose and lignin			Energy Environmental Science	2012	5	6383-6390	124	103	46	57
33	1805	Purification and identification of a ACE inhibitory peptide from oyster proteins hydrolysate and the anti hypertensive effect of hydrolysate in spontaneously hypertensive rats	Yuji Miyaguchi,		Food Chemistry	2008	111	302-308	101	101	59	42
34	1805	Conversion of biomass into 5-hydroxymethylfurfural using solid acid catalyst			Bioresour ce Technology	2010	102	3424-3429	106	105	62	43
35	1808	Analytical strategies in lipidomics and applications in disease biomarker discovery	van der Heijden R, Wang M, van der Greef J, Hankemeier T,		Journal of Chromatography B-Analytical Technologies in the Biomedical Sciences	2009	877	2836-2846	111	100	84	16
36	1808	Comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry for metabolomics: Biomarker discovery for diabetes mellitus			Analytica Chimica Acta	2009	633	257-262	126	107	87	20

