Samir Barman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11676805/publications.pdf

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19	807	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	1183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanistic Study of Hydroamination of Alkyne through Tantalum-Based Silica-Supported Surface Species. ACS Catalysis, 2019, 9, 8719-8725.	11.2	15
2	Synthesis of well-defined yttrium-based Lewis acids by capturing a reaction intermediate and catalytic application for cycloaddition of CO₂ to epoxides under atmospheric pressure. Catalysis Science and Technology, 2019, 9, 6152-6165.	4.1	51
3	A Silica-Supported Monoalkylated Tungsten Dioxo Complex Catalyst for Olefin Metathesis. ACS Catalysis, 2018, 8, 2715-2729.	11.2	38
4	Clean chlorination of silica surfaces by a single-site substitution approach. Dalton Transactions, 2018, 47, 4301-4306.	3.3	14
5	Imine Metathesis Catalyzed by a Silica-Supported Hafnium Imido Complex. ACS Catalysis, 2018, 8, 9440-9446.	11.2	20
6	Metathetic Oxidation of 2-Butenes to Acetaldehyde by Molecular Oxygen Using the Single-Site Olefin Metathesis Catalyst (â‰¡SiO)₂Mo(â•O)₂. ACS Catalysis, 2018, 8, 7549-7555.	11.2	21
7	SOMC grafting of vanadium oxytriisopropoxide (VO(OⁱPr)₃) on dehydroxylated silica; analysis of surface complexes and thermal restructuring mechanism. RSC Advances, 2018, 8, 20801-20808.	3.6	11
8	Well-Defined Molybdenum Oxo Alkyl Complex Supported on Silica by Surface Organometallic Chemistry: A Highly Active Olefin Metathesis Precatalyst. Journal of the American Chemical Society, 2017, 139, 2144-2147.	13.7	49
9	Well-Defined Silica Grafted Molybdenum Bis(imido) Catalysts for Imine Metathesis Reactions. Organometallics, 2017, 36, 1550-1556.	2.3	12
10	SOMC-Designed Silica Supported Tungsten Oxo Imidazolin-2-iminato Methyl Precatalyst for Olefin Metathesis Reactions. Inorganic Chemistry, 2017, 56, 861-871.	4.0	23
11	Well-defined silica supported bipodal molybdenum oxo alkyl complexes: a model of the active sites of industrial olefin metathesis catalysts. Chemical Communications, 2017, 53, 11338-11341.	4.1	10
12	Single-Site VO_x Moieties Generated on Silica by Surface Organometallic Chemistry: A Way To Enhance the Catalytic Activity in the Oxidative Dehydrogenation of Propane. ACS Catalysis, 2016, 6, 5908-5921.	11.2	74
13	Controlling the hydrogenolysis of silica-supported tungsten pentamethyl leads to a class of highly electron deficient partially alkylated metal hydrides. Chemical Science, 2016, 7, 1558-1568.	7.4	53
14	Synthesis and hydrogen adsorption properties of internally polarized 2,6-azulenedicarboxylate based metalâ€“organic frameworks. Journal of Materials Chemistry A, 2014, 2, 18823-18830.	10.3	29
15	Triptycene based luminescent metalâ€“organic gels for chemosensing. Chemical Communications, 2012, 48, 11127.	4.1	87
16	Incorporation of active metal sites in MOFs via in situ generated ligand deficient metalâ€“linker complexes. Chemical Communications, 2011, 47, 11882.	4.1	35
17	Azulene based metalâ€“organic frameworks for strong adsorption of H2. Chemical Communications, 2010, 46, 7981.	4.1	57
18	Highly Convenient Amineâ€Free Sonogashira Coupling in Air in a Polar Mixed Aqueous Medium by transâ€•and cisâ€[(NHC)₂PdX₂] (X=Cl, Br) Complexes of N/Oâ€Functionalized Nâ€Heterocyclic Carbenes. Chemistry - A European Journal, 2008, 14, 6646-6655.	3.3	122

#	Article	IF	Citations
19	Gold(I) N-heterocyclic carbene based initiators for bulk ring-opening polymerization of l-lactide. Journal of Organometallic Chemistry, 2007, 692, 4259-4269.	1.8	86