

Juan M Venegas

List of Publications by Year in descending order

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papers

953
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933447

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17
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17
docs citations

17
times ranked

1020
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic Oxidations of Light Alkanes over Solid Metal Oxide Catalysts. <i>Chemical Reviews</i> , 2018, 118, 2769-2815.	47.7	237
2	Probing the Transformation of Boron Nitride Catalysts under Oxidative Dehydrogenation Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 182-190.	13.7	135
3	Boron and Boron-Containing Catalysts for the Oxidative Dehydrogenation of Propane. <i>ChemCatChem</i> , 2017, 9, 3623-3626.	3.7	105
4	Serendipity in Catalysis Research: Boron-Based Materials for Alkane Oxidative Dehydrogenation. <i>Accounts of Chemical Research</i> , 2018, 51, 2556-2564.	15.6	95
5	Selective Oxidation of <i>n</i> -Butane and Isobutane Catalyzed by Boron Nitride. <i>ChemCatChem</i> , 2017, 9, 2118-2127.	3.7	84
6	Boron and Boron-Containing Catalysts for the Oxidative Dehydrogenation of Propane. <i>ChemCatChem</i> , 2017, 9, 3622-3622.	3.7	82
7	Why Boron Nitride is such a Selective Catalyst for the Oxidative Dehydrogenation of Propane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16527-16535.	13.8	75
8	The Influence of Reactor Parameters on the Boron Nitride-Catalyzed Oxidative Dehydrogenation of Propane. <i>Organic Process Research and Development</i> , 2018, 22, 1644-1652.	2.7	47
9	Measurement of intrinsic catalytic activity of Pt monometallic and Pt-MoO _x interfacial sites over visible light enhanced PtMoO _x /SiO ₂ catalyst in reverse water gas shift reaction. <i>Journal of Catalysis</i> , 2016, 344, 784-794.	6.2	45
10	Selective Oxidative Cracking of <i>n</i> -Butane to Light Olefins over Hexagonal Boron Nitride with Limited Formation of CO _x . <i>ChemSusChem</i> , 2020, 13, 152-158.	6.8	28
11	Supported two- and three-dimensional vanadium oxide species on the surface of β -SiC. <i>Catalysis Science and Technology</i> , 2017, 7, 3707-3714.	4.1	7
12	Why Boron Nitride is such a Selective Catalyst for the Oxidative Dehydrogenation of Propane. <i>Angewandte Chemie</i> , 2020, 132, 16670-16678.	2.0	7
13	Investigation of Supported Metal Oxide Species with Shell-Isolated Nanoparticle-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25220-25227.	3.1	6