

List of Publications by Year in descending order

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20
papers

4,030
citations

393982

19
h-index

713013

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22
docs citations

22
times ranked

3971
citing authors

#	ARTICLE	IF	CITATIONS
1	Turnover Numbers, Turnover Frequencies, and Overpotential in Molecular Catalysis of Electrochemical Reactions. Cyclic Voltammetry and Preparative-Scale Electrolysis. <i>Journal of the American Chemical Society</i> , 2012, 134, 11235-11242.	6.6	647
2	Multielectron, Multistep Molecular Catalysis of Electrochemical Reactions: Benchmarking of Homogeneous Catalysts. <i>ChemElectroChem</i> , 2014, 1, 1226-1236.	1.7	345
3	Catalysis of the Electrochemical Reduction of Carbon Dioxide by Iron(0) Porphyrins: A Synergistic Effect of Weak Brønsted Acids. <i>Journal of the American Chemical Society</i> , 1996, 118, 1769-1776.	6.6	325
4	Homogeneous Catalysis of Electrochemical Hydrogen Evolution by Iron(0) Porphyrins. <i>Journal of the American Chemical Society</i> , 1996, 118, 3982-3983.	6.6	291
5	Current Issues in Molecular Catalysis Illustrated by Iron Porphyrins as Catalysts of the CO ₂ -to-CO Electrochemical Conversion. <i>Accounts of Chemical Research</i> , 2015, 48, 2996-3006.	7.6	279
6	Efficient and selective molecular catalyst for the CO ₂ -to-CO electrochemical conversion in water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6882-6886.	3.3	278
7	Concerted Proton-Electron Transfers: Electrochemical and Related Approaches. <i>Accounts of Chemical Research</i> , 2010, 43, 1019-1029.	7.6	240
8	Ultraefficient homogeneous catalyst for the CO ₂ -to-CO electrochemical conversion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14990-14994.	3.3	236
9	Ultraefficient selective homogeneous catalysis of the electrochemical reduction of carbon dioxide by an iron(0) porphyrin associated with a weak Brønsted acid cocatalyst. <i>Journal of the American Chemical Society</i> , 1994, 116, 5015-5016.	6.6	163
10	Benchmarking of Homogeneous Electrocatalysts: Overpotential, Turnover Frequency, Limiting Turnover Number. <i>Journal of the American Chemical Society</i> , 2015, 137, 5461-5467.	6.6	141
11	Efficient electrolyzer for CO ₂ splitting in neutral water using earth-abundant materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5526-5529.	3.3	105
12	Molecular Catalysis of H ₂ Evolution: Diagnosing Heterolytic versus Homolytic Pathways. <i>Journal of the American Chemical Society</i> , 2014, 136, 13727-13734.	6.6	87
13	Hydrogen-Bond Relays in Concerted Proton-Electron Transfers. <i>Accounts of Chemical Research</i> , 2012, 45, 372-381.	7.6	84
14	Concerted Proton-Electron Transfers: Fundamentals and Recent Developments. <i>Annual Review of Analytical Chemistry</i> , 2014, 7, 537-560.	2.8	53
15	Breaking Bonds with Electrons and Protons. Models and Examples. <i>Accounts of Chemical Research</i> , 2014, 47, 271-280.	7.6	47
16	Cyclic Voltammetry Analysis of Electrocatalytic Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12174-12182.	1.5	41
17	Molecular Electrochemistry: Recent Trends and Upcoming Challenges. <i>ChemElectroChem</i> , 2016, 3, 1967-1977.	1.7	28
18	Cyclic Voltammetry of Electrocatalytic Films: Fast Catalysis Regimes. <i>ChemElectroChem</i> , 2015, 2, 1774-1784.	1.7	25

#	ARTICLE	IF	CITATIONS
19	Conductive Mesoporous Catalytic Films. Current Distortion and Performance Degradation by Dual-Phase Ohmic Drop Effects. Analysis and Remedies. Journal of Physical Chemistry C, 2016, 120, 21263-21271.	1.5	19
20	Cyclic voltammetry of fast conducting electrocatalytic films. Physical Chemistry Chemical Physics, 2015, 17, 19350-19359.	1.3	16