Michael Stoukides

List of Publications by Year
in descending order

36	1,946	430874 18	395702 33
papers	citations	h-index	g-index

38	38	38	1751
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Electrochemical Haber-Bosch Process. Joule, 2020, 4, 142-158.	24.0	325
2	An Integrated Model of Electrochemical Cells with Co-ionic Solid Electrolyte Membranes: Coupling of Membrane Charge-Carrier Transport and Multiple Reactions at the Triple-Phase Boundaries. Industrial & Engineering Chemistry Research, 2019, 58, 17277-17288.	3.7	1
3	Electrochemical Synthesis of Ammonia: Recent Efforts and Future Outlook. Membranes, 2019, 9, 112.	3.0	45
4	Electrochemical Synthesis of Ammonia in Solid Electrolyte Cells. Frontiers in Energy Research, 2014, 2, .	2.3	99
5	Electrochemical promotion of catalytic reactions: Thermodynamic analysis and calculation of the limits in Faradaic Efficiency. Solid State Ionics, 2013, 231, 58-62.	2.7	14
6	On the Synthesis of Molecularly Imprinted Polymers for Analytical and Sensor Applications. Macromolecular Symposia, 2013, 331-332, 26-33.	0.7	4
7	Production of H2 and C2 hydrocarbons from methane in a proton conducting solid electrolyte cell using a Auâ€“5Ceâ€“5Na2WO4/SiO2 anode. International Journal of Hydrogen Energy, 2012, 37, 16636-16641.	7.1	14
8	Production of C2 hydrocarbons and H2 from CH4 in a proton conducting cell. Solid State Ionics, 2012, 225, 219-222.	2.7	10
9	Modeling and analysis of an integrated power system based on methanol autothermal reforming. , 2009, , .		5
10	Electrochemical promotion in O2â˜ cells during propane oxidation. Topics in Catalysis, 2007, 44, 361-368.	2.8	16
11	Catalytic and electrocatalytic synthesis of NH3 in a H+ conducting cell by using an industrial Fe catalyst. Solid State Ionics, 2007, 178, 153-159.	2.7	81
12	Methane conversion to C2 hydrocarbons in solid electrolyte membrane reactors. Research on Chemical Intermediates, 2006, 32, 187-204.	2.7	20
13	Effect of H2O presence on the propane decomposition reaction over Pd in a proton conducting membrane reactor. Applied Catalysis A: General, 2006, 301, 265-271.	4.3	21
14	Catalytic and electrocatalytic production of H2 from propane decomposition over Pt and Pd in a proton-conducting membrane-reactor. Catalysis Today, 2005, 104, 219-224.	4.4	29
15	Catalytic study and electrochemical promotion of propane oxidation on Pt/YSZ. Journal of Catalysis, 2005, 234, 476-487.	6.2	46
16	Catalytic Studies in Electrochemical Membrane Reactors. ChemInform, 2005, 36, no.	0.0	0
17	Catalytic studies in electrochemical membrane reactors. Solid State Ionics, 2004, 175, 597-603.	2.7	31
18	Synthesis of Ammonia at Atmospheric Pressure with the Use of Solid State Proton Conductors. Journal of Catalysis, 2000, 193, 80-87.	6.2	118

#	Article	IF	Citations
19	Electrocatalytic synthesis of ammonia at atmospheric pressure. Studies in Surface Science and Catalysis, 2000, , 413-418.	1.5	10
20	Solid-Electrolyte Membrane Reactors: Current Experience and Future Outlook. Catalysis Reviews - Science and Engineering, 2000, 42, 1-70.	12.9	133
21	Polarization studies in the Pdâ^£SrCe0.95Yb0.05O2.975â^£Pd proton conducting solid electrolyte cell. Solid State Ionics, 1999, 125, 279-284.	2.7	13
22	Ammonia Synthesis at Atmospheric Pressure. , 1998, 282, 98-100.		559
23	The use of proton conducting solid electrolytes for improved performance of hydro- and dehydrogenation reactors. Solid State Ionics, 1997, 97, 375-383.	2.7	29
24	Methane Oxidative Coupling: Technical and Economic Evaluation of a Chemical Cogenerative Fuel Cell. Energy & Fuels, 1995, 9, 794-801.	5.1	13
25	Methane steam reforming over iron electrodes in a solid electrolyte cell. Energy & Fuels, 1993, 7, 495-504.	5.1	18
26	Synthesis of hydrogen cyanide in a solid-electrolyte-cell reactor. Industrial & Engineering Chemistry Research, 1993, 32, 1904-1913.	3.7	14
27	Electrocatalytic decomposition of hydrogen sulfide. Catalysis Letters, 1992, 13, 289-295.	2.6	29
28	Modeling of HCN synthesis in a solid electrolyte fuel cell. Chemical Engineering Science, 1992, 47, 2951-2956.	3.8	7
29	Electrocatalytic Methane Dimerization with a Ybâ€Doped SrCeO3 Solid Electrolyte. Journal of the Electrochemical Society, 1991, 138, L11-L12.	2.9	39
30	Catalytic and electrochemical oxidation of methane on platinum. Journal of Catalysis, 1991, 130, 306-309.	6.2	39
31	The synthesis of HCN in a solid electrolyte cell. Journal of Catalysis, 1991, 132, 257-262.	6.2	7
32	Applications of solid electrolytes in heterogeneous catalysis. Industrial & Engineering Chemistry Research, 1988, 27, 1745-1750.	3.7	74
33	The Synthesis of Hydrogen Cyanide in a Solid Electrolyte Fuel Cell. Journal of the Electrochemical Society, 1987, 134, 1925-1929.	2.9	43
34	ETHYLENE OXIDATION ON SILVER CATALYSTS: EFFECT OF ETHYLENE OXIDE AND OF EXTERNAL TRANSFER LIMITATIONS. Chemical Engineering Communications, 1986, 44, 53-74.	2.6	21
35	Transient and Steady-State Vapor Phase Electrocatalytic Ethylene Epoxidation. ACS Symposium Series, 1982, , 181-208.	0.5	14
36	Rate Oscillations During Propylene Oxide Oxidation on Silver Films in a Continuous Stirred Reactor. ACS Symposium Series, 1982, , 165-178.	0.5	5