

# CITATION REPORT

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## PRODUCTION: GROWTH IS THE NORM

DOI: 10.1021/cen-v084n028.p059

Chemical & Engineering News, 2006, 84, 59-68.

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**Version:** 2024-04-28

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#	Paper	IF	Citations
20	Ethylene production by metabolic engineering of the yeast <i>Saccharomyces cerevisiae</i> . <i>Metabolic Engineering</i> , <b>2008</b> , 10, 276-80	9.7	29
19	Ethylene synthesis from the oxidative bromination of ethane. <i>Applied Catalysis A: General</i> , <b>2009</b> , 364, 130-136	5.1	3
18	Alternative Synthesewege zum Ethylen. <i>Chemie-Ingenieur-Technik</i> , <b>2010</b> , 82, 201-213	0.8	12
17	Coordination Polymerization: Synthesis of New Homo- and Copolymer Architectures from Ethylene and Propylene Using Homogeneous Ziegler-Natta Polymerization Catalysts. <b>2011</b> , 217-247		6
16	Extraction of ethane from natural gas by adsorption on modified ETS-10. <i>Chemical Engineering Science</i> , <b>2011</b> , 66, 1697-1701	4.4	48
15	Soot formation in laminar ethane diffusion flames at pressures from 0.2 to 3.3MPa. <i>Proceedings of the Combustion Institute</i> , <b>2011</b> , 33, 577-584	5.9	64
14	Palladium-catalyzed 1,1-difunctionalization of ethylene. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 11372-5	16.4	86
13	Biobased chemicals: the convergence of green chemistry with industrial biotechnology. <i>Trends in Biotechnology</i> , <b>2013</b> , 31, 219-22	15.1	83
12	Engineered Cyanobacteria: Research and Application in Bioenergy. <b>2014</b> , 389-406		4
11	Computational mechanistic investigation of the gas phase C <sub>2</sub> H <sub>4</sub> + CO reaction on the singlet and triplet potential energy surfaces. <i>Journal of the Iranian Chemical Society</i> , <b>2014</b> , 11, 781-790	2	
10	Cyanobacterial chemical production. <i>Journal of Biotechnology</i> , <b>2016</b> , 231, 106-114	3.7	42
9	Development of gas-phase SMB technology for light olefin/paraffin separations. <i>AIChE Journal</i> , <b>2016</b> , 62, 2490-2500	3.6	21
8	Oxidative 1,2-Difunctionalization of Ethylene via Gold-Catalyzed Oxyarylation. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12386-12389	16.4	53
7	Towards polymer grade ethylene production with Cu-BTC: gas-phase SMB versus PSA. <i>Adsorption</i> , <b>2018</b> , 24, 203-219	2.6	10
6	Photoredox-Catalysis-Modulated, Nickel-Catalyzed Divergent Difunctionalization of Ethylene. <i>Chem</i> , <b>2019</b> , 5, 192-203	16.2	55
5	Alkane dehydrogenation on defective BN quasi-molecular nanoflakes: DFT studies. <i>Molecular Catalysis</i> , <b>2020</b> , 493, 110891	3.3	1
4	Ethylene/ethane separation by gas-phase SMB in binderfree zeolite 13X monoliths. <i>Chemical Engineering Science</i> , <b>2021</b> , 229, 116006	4.4	6

3	Humid Ethylene/Ethane Separation on Ethylene-Selective Materials. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 9940-9947	3.9	6
2	Ppb level detection of carbonyl sulfide and ethene and study resonant frequencies using laser photoacoustic spectroscopy. <i>Microwave and Optical Technology Letters</i> , <b>2021</b> , 63, 2517-2522	1.2	3
1	Palladium-Catalyzed Direct Dicarboxylation of Amines with Ethylene to Imides.. <i>Organic Letters</i> , <b>2021</b> ,	6.2	1