

# Kinetic Measurements of Small Ethylene Changes in an Physiological Studies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Cuvette Design for Measurement of Ethylene Production and Carbon Dioxide Exchange by Intact Shoots under Controlled Environmental Conditions. <i>Plant Physiology</i> , 1979, 64, 488-490.	4.8	25
2	Importance of Time Constants in an Open Flow System: Mathematical Correction of Fast Ethylene Kinetics in Physiological Studies. <i>Physiologia Plantarum</i> , 1979, 47, 44-48.	5.2	2
3	Ethylene loss from the gas phase of container-seal systems. <i>Physiologia Plantarum</i> , 1980, 48, 509-511.	5.2	11
4	Inhibition of flower bud abscission and ethylene evolution by light and silver thiosulphate in <i>Lilium</i> . <i>Physiologia Plantarum</i> , 1982, 56, 236-240.	5.2	38
5	Regulation of the activity of the alternative oxidase in callus forming discs from potato tubers. <i>Physiologia Plantarum</i> , 1983, 58, 311-317.	5.2	27
6	GC Analysis of Syringe-Handled Biological Hydrocarbon Gas Samples (Especially Ethylene) Using Dichloromethane as Internal Standard. <i>Journal of Chromatographic Science</i> , 1984, 22, 56-60.	1.4	2
7	Belgian Association of Plant Physiology Vlaamse Vereniging Voor Plantenfysiologie (VVPF). <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1984, 92, PF1-PF36.	0.2	0
8	Belgian Association of Plant Physiology Soci��t�� de Physiologie Vag��tale de la Communaut�� Francophone de Belgique (SPVF). <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1984, 92, V10-V35.	0.2	0
9	Belgian Association of Plant Physiology Soci��t�� De Physiologie Vag��tale De La Communaut�� Francophone de Belgique (spvf). <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1985, 93, pp1-pp22.	0.2	0
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11	Role of Ethylene and Cytokinins in the Initiation of Lateral Shoot Growth in Bromeliads. <i>Plant Physiology</i> , 1988, 86, 836-840.	4.8	29
12	Floral Induction of Bromeliads by Ethylene. , 1989, , 313-322.		7
13	Effect of paraquat on ethylene biosynthesis by intact green <i>Phaseolus vulgaris</i> seedlings. <i>Physiologia Plantarum</i> , 1989, 75, 340-345.	5.2	5
14	Does Water Deficit Stress Promote Ethylene Synthesis by Intact Plants?. <i>Plant Physiology</i> , 1990, 94, 1616-1624.	4.8	114
15	Effects of anaerobiosis on ethylene production, respiration and flowering in iris bulbs. <i>Physiologia Plantarum</i> , 1991, 82, 465-473.	5.2	12
16	Ethylene Evolution from Maize ( <i>Zea mays</i> L.) Seedling Roots and Shoots in Response to Mechanical Impedance. <i>Plant Physiology</i> , 1991, 96, 1171-1177.	4.8	113
18	Patterns of C <sub>2</sub> H <sub>4</sub> production during germination and seedling growth of pea and wheat as indicated by a laser-driven photoacoustic system. <i>Environmental and Experimental Botany</i> , 1994, 34, 55-61.	4.2	17
19	Ethylene Formation and the Effects of Ethylene on Respiration in Tulip Bulbs. <i>Journal of Plant Physiology</i> , 1994, 143, 200-206.	3.5	6

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20	Laser-driven Photoacoustic Spectroscopy: What We Can Do with it in Flooding Research. <i>Annals of Botany</i> , 1997, 79, 57-65.	2.9	20
21	Expression of three members of the ACC synthase gene family in deepwater rice by submergence, wounding and hormonal treatments. <i>Plant Science</i> , 1997, 124, 79-87.	3.6	29
22	Quantitative analysis of 1-aminocyclopropane-1-carboxylic acid by liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 1997, 775, 143-150.	3.7	25
23	Nitrogen fertility and leaf age effect on ethylene production of cotton in a controlled environment. <i>Plant Growth Regulation</i> , 1997, 22, 23-28.	3.4	19
24	Light-dependent production of ethylene in <i>Tillandsia usneoides</i> L.. <i>Planta</i> , 1998, 205, 140-144.	3.2	16
25	The expression pattern of the <i>Arabidopsis</i> ACC synthase gene 1 during rosette leaf development. <i>Journal of Experimental Botany</i> , 1999, 50, 1561-1566.	4.8	10
27	Automated capillary gas chromatographic system to monitor ethylene emitted from biological materials. <i>Journal of Chromatography A</i> , 2000, 868, 249-259.	3.7	35
28	Photoacoustic and Photothermal Detection of the Plant Hormone Ethylene. , 2000, 141, 67-91.		3
29	Antioxidative enzymes in two wheat cultivars, differently sensitive to drought and subjected to subsymptomatic copper doses. <i>Journal of Plant Physiology</i> , 2001, 158, 1439-1447.	3.5	32
30	Determination of pineapple ( <i>Ananas comosus</i> , MD-2 hybrid cultivar) plant maturity, the efficiency of flowering induction agents and the use of activated carbon. <i>Scientia Horticulturae</i> , 2009, 120, 58-63.	3.6	25
31	Protocol: An updated integrated methodology for analysis of metabolites and enzyme activities of ethylene biosynthesis. <i>Plant Methods</i> , 2011, 7, 17.	4.3	123
32	Current methods for detecting ethylene in plants. <i>Annals of Botany</i> , 2013, 111, 347-360.	2.9	125
33	Ethylene in Plants. , 2015, , .		28
34	Non-Intrusive Fruit and Plant Analysis by Laser Photothermal Measurements of Ethylene Emission. <i>Modern Methods of Plant Analysis</i> , 1996, , 1-18.	0.1	2
35	Effect of Copper and Zinc on the Ethylene Metabolism in <i>Phaseolus Vulgaris</i> L.. , 1989, , 219-228.		31
36	The Effect of White Light on the Ethylene Biosynthesis of Intact Green Seedlings. , 1989, , 279-290.		6
37	The Effect of Red Light on the Ethylene Biosynthesis of Intact Etiolated Seedlings. , 1989, , 291-302.		1
38	Effects of Copper and Zinc on the Ethylene Production of <i>Arabidopsis Thaliana</i> . , 1999, , 333-338.		11

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39	Ethylene Production throughout Growth and Development of Plants. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 1541-1545.	1.0	24
41	Endogenous Ethylene Production and Flowering of Bromeliaceae. , 1984, , 165-166.		0
42	Ethylene Analysis â€” Tricks Played by Plants. , 1989, , 13-20.		2
43	The Influence of Oxygen Concentration on Ethylene Production and the Content of 1-Aminocyclopropane-1-Carboxylic Acid (ACC) and 1-Malonylamino-cyclopropane-1-Carboxylic Acid (MACC) in Etiolated Phaseolus Vulgaris Seedlings. , 1989, , 65-72.		0
44	Fluctuations in Ethylene Formation and Flowering in Chenopodium Rubrum. , 1997, , 99-104.		0
45	Research Tools: Ethylene Detection. , 2015, , 263-286.		1