Peder Wolkoff

List of Publications by Year in descending order

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139 papers

8,261 citations

51
h-index

86 g-index

141 all docs

141 docs citations

141 times ranked 5530 citing authors

#	Article	IF	CITATIONS
1	Asthmaâ€inducing potential of 28 substances in spray cleaning products—Assessed by quantitative structure activity relationship (QSAR) testing and literature review. Journal of Applied Toxicology, 2022, 42, 130-153.	2.8	14
2	Professional cleaning and risk of asthma – a Danish nationwide register-based study. Scandinavian Journal of Work, Environment and Health, 2022, 48, 127-136.	3.4	5
3	Health, work performance, and risk of infection in office-like environments: The role of indoor temperature, air humidity, and ventilation. International Journal of Hygiene and Environmental Health, 2021, 233, 113709.	4.3	90
4	Indoor gaseous air pollutants determinants in office buildings—The OFFICAIR project. Indoor Air, 2020, 30, 76-87.	4. 3	39
5	Formation of ozone-initiated VOCs and secondary organic aerosol following application of a carpet deodorizer. Atmospheric Environment, 2020, 222, 117149.	4.1	13
6	Biocidal spray product exposure: Measured gas, particle, and surface concentrations compared with spray model simulations. Journal of Occupational and Environmental Hygiene, 2020, 17, 15-29.	1.0	10
7	Chemicals inhaled from spray cleaning and disinfection products and their respiratory effects. A comprehensive review. International Journal of Hygiene and Environmental Health, 2020, 229, 113592.	4.3	56
8	Indoor air chemistry: Terpene reaction products and airway effects. International Journal of Hygiene and Environmental Health, 2020, 225, 113439.	4. 3	32
9	Dry eye symptoms in offices and deteriorated work performance – A perspective. Building and Environment, 2020, 172, 106704.	6.9	20
10	Comments to "Assessment of formaldehyde levels in relation to respiratory and allergic symptoms in children from Alba County schools, Romania―by Neamtiu et al. (2019). Environmental Monitoring and Assessment, 2019, 191, 682.	2.7	0
11	Comment on "Differential Health Effects of Constant and Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies― Environmental Science & Constant Science & Co	10.0	0
12	Indoor air humidity, air quality, and health – An overview. International Journal of Hygiene and Environmental Health, 2018, 221, 376-390.	4. 3	405
13	The mystery of dry indoor air – An overview. Environment International, 2018, 121, 1058-1065.	10.0	42
14	Assessment of Indoor Air Quality Problems in Office-Like Environments: Role of Occupational Health Services. International Journal of Environmental Research and Public Health, 2018, 15, 741.	2.6	56
15	VOCs and aldehydes source identification in European office buildingsÂ- The OFFICAIR study. Building and Environment, 2017, 115, 18-24.	6.9	80
16	Effects by inhalation of abundant fragrances in indoor air – An overview. Environment International, 2017, 101, 96-107.	10.0	87
17	Reactive indoor air chemistry and healthâ€"A workshop summary. International Journal of Hygiene and Environmental Health, 2017, 220, 1222-1229.	4.3	28
18	Comment on: "Human symptom responses to bioeffluents, short-chain carbonyl/acids and long-chain carbonyls in a simulated aircraft cabin environment―by Weisel etÂal., Indoor Air (2017). Indoor Air, 2017, 27, 1224-1225.	4. 3	0

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19	Evaluation of airborne sensory irritants for setting exposure limits or guidelines: A systematic approach. Regulatory Toxicology and Pharmacology, 2017, 90, 308-317.	2.7	29
20	Assessment of indoor air quality in office buildings across Europe $\hat{a} \in \text{``The OFFICAIR study. Science of the Total Environment, 2017, 579, 169-178.}$	8.0	133
21	External eye symptoms in indoor environments. Indoor Air, 2017, 27, 246-260.	4.3	61
22	Re-evaluation of the WHO (2010) formaldehyde indoor air quality guideline for cancer risk assessment. Archives of Toxicology, 2017, 91, 35-61.	4.2	191
23	Pulmonary injury associated with spray of a water-based nano-sized waterproofing product: a case study. Journal of Occupational Medicine and Toxicology, 2017, 12, 33.	2.2	8
24	Generation and Characterization of Indoor Fungal Aerosols for Inhalation Studies. Applied and Environmental Microbiology, 2016, 82, 2479-2493.	3.1	39
25	Limonene and its ozone-initiated reaction products attenuate allergic lung inflammation in mice. Journal of Immunotoxicology, 2016, 13, 793-803.	1.7	39
26	Pollutant exposures and health symptoms in aircrew and office workers: Is there a link?. Environment International, 2016, 87, 74-84.	10.0	32
27	EPHECT III: Health risk assessment of exposure to household consumer products. Science of the Total Environment, 2015, 536, 903-913.	8.0	68
28	On organic emissions testing from indoor consumer products' use. Journal of Hazardous Materials, 2015, 285, 37-45.	12.4	60
29	Pulmonary Toxicity of Perfluorinated Silane-Based Nanofilm Spray Products: Solvent Dependency. Toxicological Sciences, 2014, 137, 179-188.	3.1	21
30	Pulmonary toxicity following exposure to a tile coating product containing alkylsiloxanes. A clinical and toxicological evaluation. Clinical Toxicology, 2014, 52, 498-505.	1.9	19
31	Corrigendum to "Human reference values for acute airway effects of five common ozone-initiated terpene reaction products in indoor air―[Toxicol. Lett. 216 (2013) 54–64]. Toxicology Letters, 2014, 225, 498.	0.8	3
32	Ozone-initiated Terpene Reaction Products in Five European Offices: Replacement of a Floor Cleaning Agent. Environmental Science & Environmental Scien	10.0	44
33	Ozone reaction characteristics of indoor floor dust examined in the emission cell "FLEC― Chemosphere, 2014, 107, 230-239.	8.2	8
34	Ozone-initiated VOC and particle emissions from a cleaning agent and an air freshener: Risk assessment of acute airway effects. Environment International, 2014, 68, 209-218.	10.0	83
35	Study of Ozone-Initiated Limonene Reaction Products by Low Temperature Plasma Ionization Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2013, 24, 1090-1096.	2.8	26
36	Adjuvant and Inflammatory Effects in Mice After Subchronic Inhalation of Allergen and Ozone-Initiated Limonene Reaction Products. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 1085-1095.	2.3	18

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37	Recent trend in risk assessment of formaldehyde exposures from indoor air. Archives of Toxicology, 2013, 87, 73-98.	4.2	102
38	Acute airway effects of airborne formaldehyde in sensitized and non-sensitized mice housed in a dry or humid environment. Toxicology and Applied Pharmacology, 2013, 268, 294-299.	2.8	18
39	Indoor air pollutants in office environments: Assessment of comfort, health, and performance. International Journal of Hygiene and Environmental Health, 2013, 216, 371-394.	4.3	241
40	Human reference values for acute airway effects of five common ozone-initiated terpene reaction products in indoor air. Toxicology Letters, 2013, 216, 54-64.	0.8	84
41	Problems of the "Outer Eyes―in the Office Environment. Journal of Occupational and Environmental Medicine, 2012, 54, 621-631.	1.7	31
42	Airway effects of repeated exposures to ozone-initiated limonene oxidation products as model of indoor air mixtures. Toxicology Letters, 2012, 209, 166-172.	0.8	49
43	Influence of Temperature on the Emission of Di-(2-ethylhexyl)phthalate (DEHP) from PVC Flooring in the Emission Cell FLEC. Environmental Science & Emps; Technology, 2012, 46, 909-915.	10.0	158
44	Nebulization ionization and desorption ionization analysis of reactive organofunctionalized silanes in nanofilm products. Journal of Mass Spectrometry, 2011, 46, 402-410.	1.6	5
45	Cancer effects of formaldehyde: a proposal for an indoor air guideline value. Archives of Toxicology, 2010, 84, 423-446.	4.2	162
46	Characterization of nanofilm spray products by mass spectrometry. Chemosphere, 2010, 80, 1377-1386.	8.2	10
47	Lung Damage in Mice after Inhalation of Nanofilm Spray Products: The Role of Perfluorination and Free Hydroxyl Groups. Toxicological Sciences, 2010, 116, 216-224.	3.1	38
48	Non-cancer effects of formaldehyde and relevance for setting an indoor air guideline. Environment International, 2010, 36, 788-799.	10.0	129
49	Ocular discomfort by environmental and personal risk factors altering the precorneal tear film. Toxicology Letters, 2010, 199, 203-212.	0.8	81
50	New Directions: Where is the link between reactive indoor air chemistry and health effects?. Atmospheric Environment, 2009, 43, 3808-3809.	4.1	26
51	Formation and stability of secondary ozonides from monoterpenes studied by mass spectrometry. Chemosphere, 2009, 76, 572-577.	8.2	28
52	Release of VOCs and Particles During Use of Nanofilm Spray Products. Environmental Science & Emp; Technology, 2009, 43, 7824-7830.	10.0	61
53	Ocular surface area and human eye blink frequency during VDU work: the effect of monitor position and task. European Journal of Applied Physiology, 2008, 103, 1-7.	2.5	34
54	Use of thermal desorption gas chromatography–olfactometry/mass spectrometry for the comparison of identified and unidentified odor active compounds emitted from building products containing linseed oil. Journal of Chromatography A, 2008, 1210, 203-211.	3.7	19

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55	Acute airway effects of ozone-initiated d-limonene chemistry: Importance of gaseous products. Toxicology Letters, 2008, 181, 171-176.	0.8	70
56	"Healthy―eye in office-like environments. Environment International, 2008, 34, 1204-1214.	10.0	86
57	Secondary ozonides of substituted cyclohexenes: A new class of pollutants characterized by collision-induced dissociation mass spectrometry using negative chemical ionization. Chemosphere, 2008, 70, 2032-2038.	8.2	15
58	The dichotomy of relative humidity on indoor air quality. Environment International, 2007, 33, 850-857.	10.0	164
59	Secondary ozonides of endo-cyclic alkenes analyzed by atmospheric sampling Townsend discharge ionization mass spectrometry. International Journal of Mass Spectrometry, 2007, 263, 88-93.	1.5	8
60	The impact of information on perceived air quality ??organic? vs. ?synthetic? building materials. Indoor Air, 2007, 17, 130-134.	4.3	17
61	Do indoor chemicals promote development of airway allergy?. Indoor Air, 2007, 17, 236-255.	4.3	116
62	Olfactory detection of ozone and d-limonene: reactants in indoor spaces. Indoor Air, 2007, 17, 337-347.	4.3	40
63	On-line analysis of secondary ozonides from cyclohexene and d-limonene ozonolysis using atmospheric sampling townsend discharge ionization mass spectrometry. Atmospheric Environment, 2007, 41, 8345-8354.	4.1	26
64	Sensory irritation: Risk assessment approaches. Regulatory Toxicology and Pharmacology, 2007, 48, 6-18.	2.7	93
65	Atmospheric sampling Townsend discharge ionization mass spectrometry for analysis of gas-phase mixtures. International Journal of Mass Spectrometry, 2007, 260, 49-56.	1.5	8
66	Sensory and chemical evaluation of odorous emissions from building products with and without linseed oil. Building and Environment, 2007, 42, 4059-4067.	6.9	37
67	Organic compounds in office environments - sensory irritation, odor, measurements and the role of reactive chemistry. Indoor Air, 2006, 16, 7-19.	4.3	277
68	Guest Editorial. Indoor Air, 2006, 16, 4-6.	4.3	10
69	The modern office environment desiccates the eyes?. Indoor Air, 2006, 16, 258-265.	4.3	71
70	The effect of nitrogen dioxide on particle formation during ozonolysis of two abundant monoterpenes indoors. Atmospheric Environment, 2006, 40, 1030-1042.	4.1	44
71	Secondary limonene endo-ozonide: A major product from gas-phase ozonolysis of R-(+)-limonene at ambient temperature. Atmospheric Environment, 2006, 40, 3460-3466.	4.1	31
72	Eye complaints in the office environment: precorneal tear film integrity influenced by eye blinking efficiency. Occupational and Environmental Medicine, 2005, 62, 4-12.	2.8	194

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73	The effect on human eye blink frequency of exposure to limonene oxidation products and methacrolein. Toxicology Letters, 2005, 156, 241-251.	0.8	83
74	Changes in eye blink frequency as a measure of trigeminal stimulation by exposure to limonene oxidation products, isoprene oxidation products and nitrate radicals. International Archives of Occupational and Environmental Health, 2004, 77, 235-243.	2.3	84
75	Emission of Di-2-ethylhexyl Phthalate from PVC Flooring into Air and Uptake in Dust:Â Emission and Sorption Experiments in FLEC and CLIMPAQ. Environmental Science & Echnology, 2004, 38, 2531-2537.	10.0	204
76	Trends in Europe to reduce the indoor air pollution of VOCs. Indoor Air, 2003, 13, 5-11.	4.3	61
77	Sensory evaluation of emissions from selected building products exposed to ozone. Indoor Air, 2003, 13, 223-231.	4.3	41
78	Upper airway irritation of terpene/ozone oxidation products (TOPS). Dependence on reaction time, relative humidity and initial ozone concentration. Toxicology Letters, 2003, 143, 109-114.	0.8	61
79	Eye irritation and environmental factors in the office environment-hypotheses, causes and a physiological model. Scandinavian Journal of Work, Environment and Health, 2003, 29, 411-430.	3.4	79
80	UPPER AIRWAY AND PULMONARY EFFECTS OF OXIDATION PRODUCTS OF (+)- \hat{l}_{\pm} -PINENE, d-LIMONENE, AND ISOPRENE IN BALB/ c MICE. Inhalation Toxicology, 2002, 14, 663-684.	1.6	104
81	Degradation of the Adsorbent Tenax TA by Nitrogen Oxides, Ozone, Hydrogen Peroxide, OH Radical, and Limonene Oxidation Products. Environmental Science & Environmental Science	10.0	53
82	Linear alkylbenzene sulfonates in indoor floor dust. Science of the Total Environment, 2002, 300, 51-58.	8.0	29
83	Chemical and biological evaluation of a reaction mixture of R-(+)-limonene/ozone. Environment International, 2001, 26, 511-522.	10.0	115
84	Determination of Ozone Removal Rates by Selected Building Products Using the FLEC Emission Cell. Environmental Science & Envir	10.0	67
85	Formation of strong airway irritants in mixtures of isoprene/ozone and isoprene/ozone/nitrogen dioxide Environmental Health Perspectives, 2001, 109, 937-941.	6.0	81
86	Effect of Renovating an Office Building on Occupants' Comfort and Health. Indoor Air, 2001, 11, 10-25.	4.3	30
87	Organic compounds in indoor air—their relevance for perceived indoor air quality?. Atmospheric Environment, 2001, 35, 4407-4417.	4.1	297
88	Formation of Strong Airway Irritants in Terpene/Ozone Mixtures. Indoor Air, 2000, 10, 82-91.	4.3	216
89	Effects of R-(+)-and S-(-)-limonene on the respiratory tract in mice. Human and Experimental Toxicology, 2000, 19, 457-466.	2.2	46
90	Acute airway effects of formaldehyde and ozone in BALB/c mice. Human and Experimental Toxicology, 1999, 18, 400-409.	2.2	75

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91	Formation of strong airway irritants in a model mixture of (+)-α-pinene/ozone. Atmospheric Environment, 1999, 33, 693-698.	4.1	81
92	How to measure and evaluate volatile organic compound emissions from building products. A perspective. Science of the Total Environment, 1999, 227, 197-213.	8.0	100
93	Gas chromatographic analysis of free fatty acids and fatty acid salts extracted with neutral and acidified dichloromethane from office floor dust. Journal of Chromatography A, 1998, 814, 161-170.	3.7	20
94	Impact of air velocity, temperature, humidity, and air on long-term voc emissions from building products. Atmospheric Environment, 1998, 32, 2659-2668.	4.1	190
95	Risk in cleaning: chemical and physical exposure. Science of the Total Environment, 1998, 215, 135-156.	8.0	221
96	Are We Measuring the Relevant Indoor Pollutants?. Indoor Air, 1997, 7, 92-106.	4.3	156
97	Patterns in Volatile Organic Compounds in Dust from Moldy Buildings. Indoor Air, 1997, 7, 128-134.	4.3	45
98	Chemical and Biological Evaluation of Building Material Emissions. I. A Screening Procedure based on a Closed Emission System*. Indoor Air, 1997, 7, 8-16.	4.3	12
99	Chemical and Biological Evaluation of Building Material Emissions. II. Approaches for Setting Indoor Air Standards or Guidelines for Chemicals. Indoor Air, 1997, 7, 17-32.	4.3	53
100	Eavaluation of automatic thermal desorption-capillary GC for determination of semivolatile organic compounds (SVOCS) in indoor air. Journal of High Resolution Chromatography, 1997, 20, 99-108.	1.4	20
101	A new approach for indoor climate labeling of building materials—emission testing, modeling, and comfort evaluation. Atmospheric Environment, 1996, 30, 2679-2689.	4.1	54
102	Toluene in Rotogravure Printed Brochures: High Speed Emission Testing and Comparison with Exposure Data. Journal of Occupational and Environmental Hygiene, 1996, 11, 1055-1063.	0.4	1
103	The Danish Twin Apartment Study - Part II: Mathematical modeling of the relative strength of sources of indoor air pollution. Indoor Air, 1996, 6, 18-30.	4.3	16
104	Application of the Field and Laboratory Emission Cell "FLEC" - Performance Study, Intercomparison Study, and Case Study of Damaged Linoleum in an Office#. Indoor Air, 1995, 5, 196-203.	4.3	47
105	Characterization of Linoleum. Part 1: Measurement of Volatile Organic Compounds by use of the Field and Laboratory Emission Cell, "FLEC". Indoor Air, 1995, 5, 38-43.	4.3	42
106	Characterization of Linoleum. Part 2: Preliminary Odor Evaluation. Indoor Air, 1995, 5, 44-49.	4.3	39
107	Dust and the Sick Building Syndrome. Indoor Air, 1994, 4, 223-238.	4.3	111
108	Indoor VOCs From Household Floor Dust: Comparison of Headspace with Desorbed VOCs; Method for VOC Release Determination. Indoor Air, 1994, 4, 248-254.	4.3	39

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109	Health-Related Evaluation of Building Products based on Climate Chamber Tests. Indoor Air, 1994, 4, 146-153.	4.3	18
110	Design and Characterization of the CLIMPAQ, Chamber for Laboratory Investigations of Materials, Pollution and Air Quality*. Indoor Air, 1994, 4, 56-62.	4.3	57
111	Volatile organic compounds and indoor air. Journal of Allergy and Clinical Immunology, 1994, 94, 296-303.	2.9	4
112	Characterization Of Ofice Dust By VOCs And TVOC Release - Identification Of Potential Irritant VOCs By Partial Least Squares Analysis. Indoor Air, 1993, 3, 283-290.	4.3	41
113	Documentation Of Field And Laboratory Emission Cell "FLEC": Identification Of Emission Processes From Carpet, Linoleum, Paint, And Sealant By Modeling. Indoor Air, 1993, 3, 291-297.	4.3	23
114	Comparison Of Volatile Organic Compounds From Processed Paper And Toners From Office Copiers And Printers: Methods, Emission Rates, And Modeled Concentrations. Indoor Air, 1993, 3, 113-123.	4.3	53
115	Ventilation, CO ₂ Production, and CO ₂ Exposure Effects in Conscious, Restrained CFâ€1 Mice. Basic and Clinical Pharmacology and Toxicology, 1993, 72, 163-168.	0.0	12
116	The possible role of TVOC in the indoor environment. Comments on "The effect of ventilation and air pollution on perceived indoor air quality in five town halls― Energy and Buildings, 1991, 17, 253-254.	6.7	3
117	A Study of Human Reactions to Emissions from Building Materials in Climate Chambers. Part I: Clinical Data, Performance and Comfort. Indoor Air, 1991, 1, 377-388.	4.3	22
118	A Study of Human Reactions to Emissions from Building Materials in Climate Chambers. Part II: VOC Measurements, Mouse Bioassay, and Decipol Evaluation in the 1-2 mg/m3 TVOC Range. Indoor Air, 1991, 1, 389-403.	4.3	29
119	The Danish Twin Apartment Study; Part I: Formaldehyde and Long-Term VOC Measurements. Indoor Air, 1991, 1, 478-490.	4.3	58
120	Long-term Emission of Volatile Organic Compounds from Waterborne Paints - Methods of Comparison. Indoor Air, 1991, 1, 562-576.	4.3	62
121	Proposal of methods for developing healthy building materials: Laboratory and field experiments. Environmental Technology (United Kingdom), 1990, 11, 327-338.	2.2	12
122	Some guides for measurements of volatile organic compounds indoors. Environmental Technology (United Kingdom), 1990, 11, 339-344.	2.2	11
123	Airway-irritating effect of carbonless copy paper examined by the sensory irritation test in mice. Environment International, 1988, 14, 43-48.	10.0	16
124	The dichotomy of methyl loss from 2-methylalkane molecular ions. Organic Mass Spectrometry, 1985, 20, 14-17.	1.3	1
125	The importance of measuring metastable peak shapes and in conjunction with d-labeling. International Journal of Mass Spectrometry and Ion Physics, 1983, 47, 89-92.	1.3	0
126	The behavior of C6H14+ \hat{A} · ions. International Journal of Mass Spectrometry and Ion Physics, 1983, 47, 343-346.	1.3	10

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127	Isomerization of alkane molecular ions. Journal of the American Chemical Society, 1982, 104, 2879-2884.	13.7	22
128	Cope and 1,3-allylic rearrangements and ring closure of the 1,5-hexadiene radical cation prior to decomposition in the gas phase. Journal of Organic Chemistry, 1982, 47, 3342-3344.	3.2	8
129	Dehydrobromination of secondary and tertiary alkyl and cycloalkyl bromides with 1,8-diazabicyclo[5.4.0]undec-7-ene. Synthetic applications. Journal of Organic Chemistry, 1982, 47, 1944-1948.	3.2	31
130	Isomeric cyclic [C6H10]+• ions. The energy barrier to ring opening. Canadian Journal of Chemistry, 1979, 57, 348-354.	1.1	27
131	Complete isomerization of the molecular ion of 1,3,5-trimethyl-2,4,6-trithian to that of 3,5,6-trimethyl-1,2,4-trithian before decomposition in the gas phase. Organic Mass Spectrometry, 1978, 13, 338-340.	1.3	3
132	Fragmentations of alkane molecular ions. Journal of the American Chemical Society, 1978, 100, 7346-7352.	13.7	37
133	The loss of C2H2O and of C3H4O from the molecular ions of 3-phenylpropanal as studied by field ionization kinetics. Isomerization of the molecular ions of 3-phenyl-2-propen-1-ol. Journal of the American Chemical Society, 1978, 100, 541-545.	13.7	26
134	The mass spectra of some simple phenylhydrazides and a re-examination of the fragmentations of phenylhydrazine. Organic Mass Spectrometry, 1976, 11, 375-382.	1.3	4
135	Fragmentation paths of O- and S-phenyl N-phenyl benzohydrazonates, and the isomeric N, N-diphenyl benzohydrazides upon electron impact. Organic Mass Spectrometry, 1976, 11, 394-397.	1.3	1
136	A New Method of Preparing Hydrazonyl Halides. Canadian Journal of Chemistry, 1975, 53, 1333-1335.	1.1	173
137	The mass spectrometry of 1,3,4-thiadiazolines. Organic Mass Spectrometry, 1974, 9, 181-188.	1.3	13
138	Routes to N-Aryl-N′-thioaroylhydrazines and Related sym- and unsym-Hydrazonyl Sulfides, and a Note on the So-called N-Phenyl-N′-thiobenzoyldiimide. Canadian Journal of Chemistry, 1974, 52, 879-883.	1.1	7
139	Electron impact induced fragmentations mimicking retro-1,3-dipolar cycloadditions. Journal of Organic Chemistry, 1972, 37, 3965-3966.	3.2	21