

Yinon Rudich

List of Publications by Year in descending order

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Version: 2024-02-01

262
papers

24,676
citations

8181

76
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9861

141
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343
all docs

343
docs citations

343
times ranked

16766
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Atmospheric Aging on Soot Particle Toxicity in Lung Cell Models at the Air–Liquid Interface: Differential Toxicological Impacts of Biogenic and Anthropogenic Secondary Organic Aerosols (SOAs). <i>Environmental Health Perspectives</i> , 2022, 130, 27003.	6.0	44
2	Are reactive oxygen species (ROS) a suitable metric to predict toxicity of carbonaceous aerosol particles?. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 1793-1809.	4.9	30
3	Molecular Analysis of Secondary Brown Carbon Produced from the Photooxidation of Naphthalene. <i>Environmental Science & Technology</i> , 2022, 56, 3340-3353.	10.0	22
4	Nocturnal Atmospheric Oxidative Processes in the Indo-Gangetic Plain and Their Variation During the COVID-19 Lockdowns. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
5	Optical Properties of Secondary Organic Aerosol Produced by Photooxidation of Naphthalene under NO _x Condition. <i>Environmental Science & Technology</i> , 2022, 56, 4816-4827.	10.0	20
6	pH modifies the oxidative potential and peroxide content of biomass burning HULIS under dark aging. <i>Science of the Total Environment</i> , 2022, 834, 155365.	8.0	13
7	On the Complementarity and Informative Value of Different Electron Ionization Mass Spectrometric Techniques for the Chemical Analysis of Secondary Organic Aerosols. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1358-1374.	2.7	4
8	Accurate observation of black and brown carbon in atmospheric fine particles via a versatile aerosol concentration enrichment system (VACES). <i>Science of the Total Environment</i> , 2022, 837, 155817.	8.0	4
9	Terrestrial and marine influence on atmospheric bacterial diversity over the north Atlantic and Pacific Oceans. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	13
10	Gelatin Stabilizes Nebulized Proteins in Pulmonary Drug Delivery against COVID-19. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2553-2563.	5.2	9
11	Evolution of light absorption properties during photochemical aging of straw open burning aerosols. <i>Science of the Total Environment</i> , 2022, 838, 156431.	8.0	4
12	Chemical composition and morphological analysis of atmospheric particles from an intensive bonfire burning festival. <i>Environmental Science Atmospheres</i> , 2022, 2, 616-633.	2.4	1
13	Exposure to naphthalene and Î ² -pinene-derived secondary organic aerosol induced divergent changes in transcript levels of BEAS-2B cells. <i>Environment International</i> , 2022, 166, 107366.	10.0	18
14	Climate Change and Weather Extremes in the Eastern Mediterranean and Middle East. <i>Reviews of Geophysics</i> , 2022, 60, .	23.0	131
15	Comprehensive detection of nitrated aromatic compounds in fine particulate matter using gas chromatography and tandem mass spectrometry coupled with an electron capture negative ionization source. <i>Journal of Hazardous Materials</i> , 2021, 407, 124794.	12.4	20
16	Chemical Composition and Molecular-Specific Optical Properties of Atmospheric Brown Carbon Associated with Biomass Burning. <i>Environmental Science & Technology</i> , 2021, 55, 2511-2521.	10.0	58
17	Cytotoxicity and chemical composition of women's personal PM _{2.5} exposures from rural China. <i>Environmental Science Atmospheres</i> , 2021, 1, 359-371.	2.4	2
18	Optical Properties of Secondary Organic Aerosol Produced by Nitrate Radical Oxidation of Biogenic Volatile Organic Compounds. <i>Environmental Science & Technology</i> , 2021, 55, 2878-2889.	10.0	35

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19	Size-resolved atmospheric ice-nucleating particles during East Asian dust events. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3491-3506.	4.9	12
20	Toxicity of Water- and Organic-Soluble Wood Tar Fractions from Biomass Burning in Lung Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2021, 34, 1588-1603.	3.3	17
21	High Pressure Inside Nanometer-Sized Particles Influences the Rate and Products of Chemical Reactions. <i>Environmental Science & Technology</i> , 2021, 55, 7786-7793.	10.0	12
22	Correcting micro-aethalometer absorption measurements for brown carbon aerosol. <i>Science of the Total Environment</i> , 2021, 777, 146143.	8.0	7
23	SARS-CoV-2 variant prediction and antiviral drug design are enabled by RBD in vitro evolution. <i>Nature Microbiology</i> , 2021, 6, 1188-1198.	13.3	314
24	The Toxic Effect of Water-Soluble Particulate Pollutants from Biomass Burning on Alveolar Lung Cells. <i>Atmosphere</i> , 2021, 12, 1023.	2.3	3
25	The Response of Airborne Mycobiome to Dust Storms in the Eastern Mediterranean. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 802.	3.5	6
26	Above us only sky. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	1
27	Diel cycle of sea spray aerosol concentration. <i>Nature Communications</i> , 2021, 12, 5476.	12.8	5
28	Secondary organic aerosols produced from photochemical oxidation of secondarily evaporated biomass burning organic gases: Chemical composition, toxicity, optical properties, and climate effect. <i>Environment International</i> , 2021, 157, 106801.	10.0	11
29	Organic Iodine Compounds in Fine Particulate Matter from a Continental Urban Region: Insights into Secondary Formation in the Atmosphere. <i>Environmental Science & Technology</i> , 2021, 55, 1508-1514.	10.0	9
30	Scattering and absorption cross sections of atmospheric gases in the ultraviolet–visible wavelength range (307–725 nm). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14927-14940.	4.9	13
31	Size-Resolved Community Structure of Bacteria and Fungi Transported by Dust in the Middle East. <i>Frontiers in Microbiology</i> , 2021, 12, 744117.	3.5	12
32	Formation of Secondary Brown Carbon in Biomass Burning Aerosol Proxies through NO ₃ Radical Reactions. <i>Environmental Science & Technology</i> , 2020, 54, 1395-1405.	10.0	96
33	Isomeric Identification of Particle-Phase Organic Nitrates through Gas Chromatography and Time-of-Flight Mass Spectrometry Coupled with an Electron Capture Negative Ionization Source. <i>Environmental Science & Technology</i> , 2020, 54, 707-713.	10.0	17
34	Tara Pacific Expedition™s Atmospheric Measurements of Marine Aerosols across the Atlantic and Pacific Oceans: Overview and Preliminary Results. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E536-E554.	3.3	9
35	A Closer Look at the Role of the Cyprus Low on Dust Events in the Negev Desert. <i>Atmosphere</i> , 2020, 11, 1020.	2.3	8
36	On-chip analysis of atmospheric ice-nucleating particles in continuous flow. <i>Lab on A Chip</i> , 2020, 20, 2889-2910.	6.0	24

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37	Laboratory Insights into the Diel Cycle of Optical and Chemical Transformations of Biomass Burning Brown Carbon Aerosols. <i>Environmental Science & Technology</i> , 2020, 54, 11827-11837.	10.0	28
38	Airborne microplastic particles detected in the remote marine atmosphere. <i>Communications Earth & Environment</i> , 2020, 1, .	6.8	131
39	Large global variations in measured airborne metal concentrations driven by anthropogenic sources. <i>Scientific Reports</i> , 2020, 10, 21817.	3.3	17
40	Stochastic nucleation processes and substrate abundance explain time-dependent freezing in supercooled droplets. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, 2.	6.8	30
41	Mechanisms of lung toxicity induced by biomass burning aerosols. <i>Particle and Fibre Toxicology</i> , 2020, 17, 4.	6.2	39
42	Links between airborne microbiome, meteorology, and chemical composition in northwestern Turkey. <i>Science of the Total Environment</i> , 2020, 725, 138227.	8.0	23
43	Early detection of smoldering in silos: Organic material emissions as precursors. <i>Fire Safety Journal</i> , 2020, 114, 103009.	3.1	9
44	Particulate Matter Toxicity Is Nrf2 and Mitochondria Dependent: The Roles of Metals and Polycyclic Aromatic Hydrocarbons. <i>Chemical Research in Toxicology</i> , 2020, 33, 1110-1120.	3.3	78
45	Marine Aerosols: Measurements by the Tara Pacific Expedition. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, 499-504.	3.3	0
46	Hydrophobic Organic Components of Ambient Fine Particulate Matter (PM _{2.5}) Associated with Inflammatory Cellular Response. <i>Environmental Science & Technology</i> , 2019, 53, 10479-10486.	10.0	48
47	Spatially Shaped Laser Pulses for the Simultaneous Detection of Polycyclic Aromatic Hydrocarbons as well as Positive and Negative Inorganic Ions in Single Particle Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 10282-10288.	6.5	21
48	Connecting the Oxidative Potential of Secondary Organic Aerosols with Reactive Oxygen Species in Exposed Lung Cells. <i>Environmental Science & Technology</i> , 2019, 53, 13949-13958.	10.0	55
49	Ice Nucleation Properties of Ice-binding Proteins from Snow Fleas. <i>Biomolecules</i> , 2019, 9, 532.	4.0	13
50	Size-dependent ice nucleation by airborne particles during dust events in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11143-11158.	4.9	29
51	Chemical Composition and Toxicity of Particles Emitted from a Consumer-Level 3D Printer Using Various Materials. <i>Environmental Science & Technology</i> , 2019, 53, 12054-12061.	10.0	71
52	A comprehensive characterization of ice nucleation by three different types of cellulose particles immersed in water. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4823-4849.	4.9	48
53	Role of Criegee Intermediates in Secondary Sulfate Aerosol Formation in Nocturnal Power Plant Plumes in the Southeast US. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 748-759.	2.7	16
54	Nrf2 protects against diverse PM _{2.5} components-induced mitochondrial oxidative damage in lung cells. <i>Science of the Total Environment</i> , 2019, 669, 303-313.	8.0	62

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55	Dynamic changes in optical and chemical properties of tar ball aerosols by atmospheric photochemical aging. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 139-163.	4.9	81
56	Contrasting Behavior of Antifreeze Proteins: Ice Growth Inhibitors and Ice Nucleation Promoters. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 966-972.	4.6	67
57	Evolution of the Complex Refractive Index of Secondary Organic Aerosols during Atmospheric Aging. <i>Environmental Science & Technology</i> , 2018, 52, 3456-3465.	10.0	40
58	Exposure to air pollution interacts with obesogenic nutrition to induce tissue-specific response patterns. <i>Environmental Pollution</i> , 2018, 239, 532-543.	7.5	19
59	Seasonal variations in fine particle composition from Beijing prompt oxidative stress response in mouse lung and liver. <i>Science of the Total Environment</i> , 2018, 626, 147-155.	8.0	46
60	Effects on IL-1 β signaling activation induced by water and organic extracts of fine particulate matter (PM _{2.5}) in vitro. <i>Environmental Pollution</i> , 2018, 237, 592-600.	7.5	90
61	Changes in oxidative potential of soil and fly ash after reaction with gaseous nitric acid. <i>Atmospheric Environment</i> , 2018, 173, 306-315.	4.1	9
62	Identification of secondary aerosol precursors emitted by an aircraft turbofan. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7379-7391.	4.9	14
63	The Role of Secondary Ice Processes in Midlatitude Continental Clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,762.	3.3	13
64	The Fifth International Workshop on Ice Nucleation phase 2 (FIN-02): laboratory intercomparison of ice nucleation measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 6231-6257.	3.1	82
65	Coal fly ash: linking immersion freezing behavior and physicochemical particle properties. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13903-13923.	4.9	27
66	Global Sources of Fine Particulate Matter: Interpretation of PM _{2.5} Chemical Composition Observed by SPARTAN using a Global Chemical Transport Model. <i>Environmental Science & Technology</i> , 2018, 52, 11670-11681.	10.0	68
67	The Welzmann Supercooled Droplets Observation on a Microarray (WISDOM) and application for ambient dust. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 233-248.	3.1	57
68	Secondary Organic Aerosol Formation From Isoprene Epoxides in the Pearl River Delta, South China: IEPOX and HMML Derived Tracers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6999-7012.	3.3	27
69	Infection Dynamics of a Bloom-Forming Alga and Its Virus Determine Airborne Coccolith Emission from Seawater. <i>IScience</i> , 2018, 6, 327-335.	4.1	14
70	Exposure of Lung Epithelial Cells to Photochemically Aged Secondary Organic Aerosol Shows Increased Toxic Effects. <i>Environmental Science and Technology Letters</i> , 2018, 5, 424-430.	8.7	83
71	Environmental conditions regulate the impact of plants on cloud formation. <i>Nature Communications</i> , 2017, 8, 14067.	12.8	62
72	The Essential Role for Laboratory Studies in Atmospheric Chemistry. <i>Environmental Science & Technology</i> , 2017, 51, 2519-2528.	10.0	75

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73	Origin-Dependent Variations in the Atmospheric Microbiome Community in Eastern Mediterranean Dust Storms. <i>Environmental Science & Technology</i> , 2017, 51, 6709-6718.	10.0	101
74	Broadband optical properties of biomass-burning aerosol and identification of brown carbon chromophores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5441-5456.	3.3	96
75	The Potential Role of Criegee Intermediates in Nighttime Atmospheric Chemistry. A Modeling Study. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 288-298.	2.7	9
76	Molecular Chemistry of Atmospheric Brown Carbon Inferred from a Nationwide Biomass Burning Event. <i>Environmental Science & Technology</i> , 2017, 51, 11561-11570.	10.0	215
77	Atmospheric chemistry processes: general discussion. <i>Faraday Discussions</i> , 2017, 200, 353-378.	3.2	0
78	The air we breathe: Past, present, and future: general discussion. <i>Faraday Discussions</i> , 2017, 200, 501-527.	3.2	1
79	New tools for atmospheric chemistry: general discussion. <i>Faraday Discussions</i> , 2017, 200, 663-691.	3.2	0
80	Characterization of Light-Absorbing Oligomers from Reactions of Phenolic Compounds and Fe(III). <i>ACS Earth and Space Chemistry</i> , 2017, 1, 637-646.	2.7	43
81	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2103-2162.	4.9	307
82	Effect of sea breeze circulation on aerosol mixing state and radiative properties in a desert setting. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11331-11353.	4.9	17
83	Mitochondria-mediated oxidative stress induced by desert dust in rat alveolar macrophages. <i>GeoHealth</i> , 2017, 1, 4-16.	4.0	20
84	Calibration of a multi-pass photoacoustic spectrometer cell using light-absorbing aerosols. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 1203-1213.	3.1	37
85	A new approach for retrieving the UV-vis optical properties of ambient aerosols. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 3477-3490.	3.1	33
86	Broadband cavity-enhanced absorption spectroscopy in the ultraviolet spectral region for measurements of nitrogen dioxide and formaldehyde. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 41-52.	3.1	44
87	Enhanced Volatile Organic Compounds emissions and organic aerosol mass increase the oligomer content of atmospheric aerosols. <i>Scientific Reports</i> , 2016, 6, 35038.	3.3	80
88	Spatial boundaries of Aerosol Robotic Network observations over the Mediterranean basin. <i>Geophysical Research Letters</i> , 2016, 43, 2259-2266.	4.0	8
89	Cloud condensation nuclei activity, droplet growth kinetics, and hygroscopicity of biogenic and anthropogenic secondary organic aerosol (SOA). <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1105-1121.	4.9	43
90	Variation in global chemical composition of PM _{2.5} : emerging results from SPARTAN. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9629-9653.	4.9	123

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91	Air-sampled Filter Analysis for Endotoxins and DNA Content. Journal of Visualized Experiments, 2016, , .	0.3	0
92	Air quality and climate change: Designing new win-win policies for Europe. Environmental Science and Policy, 2016, 65, 48-57.	4.9	60
93	ROS-generating/ARE-activating capacity of metals in roadway particulate matter deposited in urban environment. Environmental Research, 2016, 146, 252-262.	7.5	54
94	Size-Resolved Identification, Characterization, and Quantification of Primary Biological Organic Aerosol at a European Rural Site. Environmental Science & Technology, 2016, 50, 3425-3434.	10.0	57
95	Effect of Dust Storms on the Atmospheric Microbiome in the Eastern Mediterranean. Environmental Science & Technology, 2016, 50, 4194-4202.	10.0	90
96	Hygroscopic Characteristics of Alkylammonium Carboxylate Aerosols. Environmental Science & Technology, 2016, 50, 2292-2300.	10.0	18
97	Repeated exposures to roadside particulate matter extracts suppresses pulmonary defense mechanisms, resulting in lipid and protein oxidative damage. Environmental Pollution, 2016, 210, 227-237.	7.5	57
98	Impact of urban air pollution on the allergenicity of Aspergillus fumigatus conidia: Outdoor exposure study supported by laboratory experiments. Science of the Total Environment, 2016, 541, 365-371.	8.0	50
99	Effect of aerosol vertical distribution on aerosol-radiation interaction: A theoretical prospect. Heliyon, 2015, 1, e00036.	3.2	62
100	Size-dependent hygroscopicity parameter (κ) and chemical composition of secondary organic cloud condensation nuclei. Geophysical Research Letters, 2015, 42, 10,920.	4.0	31
101	Particulate matter, air quality and climate: lessons learned and future needs. Atmospheric Chemistry and Physics, 2015, 15, 8217-8299.	4.9	641
102	Viscous organic aerosol particles in the upper troposphere: diffusivity-controlled water uptake and ice nucleation?. Atmospheric Chemistry and Physics, 2015, 15, 13599-13613.	4.9	103
103	Role of Chemistry in Earth's Climate. Chemical Reviews, 2015, 115, 3679-3681.	47.7	41
104	Infection of phytoplankton by aerosolized marine viruses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6643-6647.	7.1	79
105	Volatility of Atmospherically Relevant Alkylammonium Carboxylate Salts. Journal of Physical Chemistry A, 2015, 119, 4336-4346.	2.5	16
106	Single Exposure to near Roadway Particulate Matter Leads to Confined Inflammatory and Defense Responses: Possible Role of Metals. Environmental Science & Technology, 2015, 49, 8777-8785.	10.0	101
107	SPARTAN: a global network to evaluate and enhance satellite-based estimates of ground-level particulate matter for global health applications. Atmospheric Measurement Techniques, 2015, 8, 505-521.	3.1	71
108	Co-variability of smoke and fire in the Amazon basin. Atmospheric Environment, 2015, 109, 97-104.	4.1	29

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109	Optical Properties of Secondary Organic Aerosols and Their Changes by Chemical Processes. <i>Chemical Reviews</i> , 2015, 115, 4400-4439.	47.7	311
110	Physical Chemistry of Climate Metrics. <i>Chemical Reviews</i> , 2015, 115, 3682-3703.	47.7	28
111	A retrospective cross-sectional study of traffic-related air pollution and asthma prevalence among young adults in Israel. , 2015, , .		2
112	Decoupling atmospheric and oceanic factors affecting aerosol loading over a cluster of mesoscale North Atlantic eddies. <i>Geophysical Research Letters</i> , 2014, 41, 4075-4081.	4.0	13
113	Marine aerosol as a possible source for endotoxins in coastal areas. <i>Science of the Total Environment</i> , 2014, 499, 311-318.	8.0	36
114	Urban PM source apportionment mapping using microscopic chemical imaging. <i>Science of the Total Environment</i> , 2014, 488-489, 456-460.	8.0	3
115	Combining real-time PCR and next-generation DNA sequencing to provide quantitative comparisons of fungal aerosol populations. <i>Atmospheric Environment</i> , 2014, 84, 113-121.	4.1	114
116	Complex refractive indices in the near-ultraviolet spectral region of biogenic secondary organic aerosol aged with ammonia. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10629-10642.	2.8	98
117	The possible association between exposure to air pollution and the risk for congenital malformations. <i>Environmental Research</i> , 2014, 135, 173-180.	7.5	47
118	Low Cytotoxicity of Inorganic Nanotubes and Fullerene-Like Nanostructures in Human Bronchial Epithelial Cells: Relation to Inflammatory Gene Induction and Antioxidant Response. <i>Environmental Science & Technology</i> , 2014, 48, 3457-3466.	10.0	78
119	Decoupling Physical from Biological Processes to Assess the Impact of Viruses on a Mesoscale Algal Bloom. <i>Current Biology</i> , 2014, 24, 2041-2046.	3.9	110
120	New Directions: Fundamentals of atmospheric chemistry: Keeping a three-legged stool balanced. <i>Atmospheric Environment</i> , 2014, 84, 390-391.	4.1	32
121	Suppression of new particle formation from monoterpene oxidation by NO ₂ . <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2789-2804.	4.9	63
122	Optical extinction of highly porous aerosol following atmospheric freeze drying. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6768-6787.	3.3	16
123	Radiative signature of absorbing aerosol over the eastern Mediterranean basin. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 7213-7231.	4.9	57
124	Evolution of the complex refractive index in the UV spectral region in ageing secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5793-5806.	4.9	60
125	Changes in atmospheric CO ₂ influence the allergenicity of <i>Aspergillus fumigatus</i> . <i>Global Change Biology</i> , 2013, 19, 2381-2388.	9.5	24
126	Thermochemical, Cloud Condensation Nucleation Ability, and Optical Properties of Alkyl Ammonium Sulfate Aerosols. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22412-22421.	3.1	23

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127	Close Examination of the Principle of Global Per-Capita Allocation of the Earth's Ability to Absorb Greenhouse Gas. <i>Theoretical Inquiries in Law</i> , 2013, 14, .	0.3	4
128	Introduction of Ron Naaman. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22171-22171.	3.1	0
129	Formation of highly porous aerosol particles by atmospheric freeze-drying in ice clouds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20414-20419.	7.1	67
130	Fluxes of Fine Particles Over a Semi-Arid Pine Forest: Possible Effects of a Complex Terrain. <i>Aerosol Science and Technology</i> , 2013, 47, 906-915.	3.1	17
131	Secondary aerosol formation from stress-induced biogenic emissions and possible climate feedbacks. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8755-8770.	4.9	96
132	Editorial: Review Articles for <i>Journal of Geophysical Research</i> "Atmospheres" are Welcome. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, vi.	3.3	0
133	Broadband measurements of aerosol extinction in the ultraviolet spectral region. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 861-877.	3.1	105
134	Alternative pathway for atmospheric particles growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6840-6844.	7.1	91
135	An Approach for Faster Retrieval of Aerosols' Complex Refractive Index Using Cavity Ring-Down Spectroscopy. <i>Aerosol Science and Technology</i> , 2012, 46, 1140-1150.	3.1	37
136	Absorbing aerosols at high relative humidity: linking hygroscopic growth to optical properties. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5511-5521.	4.9	91
137	Annual distribution of allergenic fungal spores in atmospheric particulate matter in the Eastern Mediterranean; a comparative study between ergosterol and quantitative PCR analysis. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2681-2690.	4.9	52
138	TiO ₂ nanoparticles induce insulin resistance in liver-derived cells both directly and via macrophage activation. <i>Nanotoxicology</i> , 2012, 6, 804-812.	3.0	22
139	Tribute to A. R. Ravishankara. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5733-5734.	2.5	0
140	Role of Interfacial Water in the Heterogeneous Uptake of Glyoxal by Mixed Glycine and Ammonium Sulfate Aerosols. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5948-5957.	2.5	55
141	Irreversible impacts of heat on the emissions of monoterpenes, sesquiterpenes, phenolic BVOC and green leaf volatiles from several tree species. <i>Biogeosciences</i> , 2012, 9, 5111-5123.	3.3	84
142	Changes in the optical properties of benzo[a]pyrene-coated aerosols upon heterogeneous reactions with NO ₂ and NO ₃ . <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 6484.	2.8	55
143	Sensitive Detection and Identification of DNA and RNA Using a Patterned Capillary Tube. <i>Analytical Chemistry</i> , 2011, 83, 9418-9423.	6.5	6
144	Simultaneous retrieval of the complex refractive indices of the core and shell of coated aerosol particles from extinction measurements using simulated annealing. <i>Applied Optics</i> , 2011, 50, 4393.	2.1	8

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145	Chemical, physical, and optical evolution of biomass burning aerosols: a case study. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 1491-1503.	4.9	122
146	The optical, physical and chemical properties of the products of glyoxal uptake on ammonium sulfate seed aerosols. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 9697-9707.	4.9	84
147	Ergosterol, arabinol and mannitol as tracers for biogenic aerosols in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 829-839.	4.9	107
148	How Different Calculations of the Refractive Index Affect Estimates of the Radiative Forcing Efficiency of Ammonium Sulfate Aerosols. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1845-1852.	1.7	26
149	Humidity driven nanoscale chemical separation in complex organic matter. <i>Environmental Chemistry</i> , 2011, 8, 450.	1.5	13
150	The chemical and microphysical properties of secondary organic aerosols from Holm Oak emissions. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7253-7265.	4.9	55
151	Transport of North African dust from the BodÃ© depression to the Amazon Basin: a case study. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7533-7544.	4.9	124
152	Relationships between carbonyl sulfide (COS) and CO ₂ during leaf gas exchange. <i>New Phytologist</i> , 2010, 186, 869-878.	7.3	110
153	Organic aerosol components observed in Northern Hemispheric datasets from Aerosol Mass Spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4625-4641.	4.9	908
154	Effect of intrinsic organic carbon on the optical properties of fresh diesel soot. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6699-6704.	7.1	116
155	An overview of current issues in the uptake of atmospheric trace gases by aerosols and clouds. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10561-10605.	4.9	352
156	Photofunctional Self-Assembled Nanostructures Formed by Perylene Diimide-Gold Nanoparticle Hybrids. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14389-14396.	2.6	12
157	Interaction of internally mixed aerosols with light. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 21-31.	2.8	62
158	Measuring atmospheric composition change. <i>Atmospheric Environment</i> , 2009, 43, 5351-5414.	4.1	160
159	Atmospheric composition change – global and regional air quality. <i>Atmospheric Environment</i> , 2009, 43, 5268-5350.	4.1	714
160	Complex Refractive Indices of Aerosols Retrieved by Continuous Wave-Cavity Ring Down Aerosol Spectrometer. <i>Analytical Chemistry</i> , 2009, 81, 1762-1769.	6.5	86
161	Hydration-Influenced Sorption of Organic Compounds by Model and Atmospheric Humic-Like Substances (HULIS). <i>Environmental Science & Technology</i> , 2009, 43, 1811-1817.	10.0	9
162	Effective broadband refractive index retrieval by a white light optical particle counter. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7943.	2.8	28

#	ARTICLE	IF	CITATIONS
163	Validation of urban NO ₂ concentrations and their diurnal and seasonal variations observed from the SCIAMACHY and OMI sensors using in situ surface measurements in Israeli cities. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3867-3879.	4.9	205
164	The formation, properties and impact of secondary organic aerosol: current and emerging issues. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5155-5236.	4.9	3,486
165	Photochemical production of aerosols from real plant emissions. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4387-4406.	4.9	133
166	The complex refractive index of atmospheric and model humic-like substances (HULIS) retrieved by a cavity ring down aerosol spectrometer (CRD-AS). <i>Faraday Discussions</i> , 2008, 137, 279-295.	3.2	255
167	Estimation of transboundary transport of pollution aerosols by remote sensing in the eastern Mediterranean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
168	Enrichment of surface-active compounds in coalescing cloud drops. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	16
169	Atmospheric HULIS enhance pollutant degradation by promoting the dark Fenton reaction. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	34
170	Aerosol Inorganic Composition at a Tropical Site: Discrepancies Between Filter-Based Sampling and a Semi-Continuous Method. <i>Aerosol Science and Technology</i> , 2008, 42, 255-269.	3.1	10
171	CCN Activity and Hygroscopic Growth of Organic Aerosols Following Reactive Uptake of Ammonia. <i>Environmental Science & Technology</i> , 2008, 42, 793-799.	10.0	60
172	Extinction efficiencies of coated absorbing aerosols measured by cavity ring down aerosol spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 1823-1833.	4.9	62
173	Kinetic model framework for aerosol and cloud surface chemistry and gas-particle interactions "Part 1: General equations, parameters, and terminology. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5989-6023.	4.9	262
174	Optical properties of absorbing and non-absorbing aerosols retrieved by cavity ring down (CRD) spectroscopy. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 1523-1536.	4.9	180
175	Aging of Organic Aerosol: Bridging the Gap Between Laboratory and Field Studies. <i>Annual Review of Physical Chemistry</i> , 2007, 58, 321-352.	10.8	492
176	Overview of the inorganic and organic composition of size-segregated aerosol in Rond�nia, Brazil, from the biomass-burning period to the onset of the wet season. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	128
177	Hygroscopic growth of atmospheric and model humic-like substances. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	104
178	On the twilight zone between clouds and aerosols. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	287
179	Surfactant properties of atmospheric and model humic-like substances (HULIS). <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	51
180	Examining feedbacks of aerosols to urban climate with a model that treats 3D clouds with aerosol inclusions. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	93

#	ARTICLE	IF	CITATIONS
181	Retrieval of Aerosol Complex Refractive Index by Combining Cavity Ring Down Aerosol Spectrometer Measurements with Full Size Distribution Information. <i>Aerosol Science and Technology</i> , 2007, 41, 1011-1017.	3.1	47
182	Constraining the density and complex refractive index of elemental and organic carbon in biomass burning aerosol using optical and chemical measurements. <i>Atmospheric Environment</i> , 2007, 41, 1107-1118.	4.1	78
183	The BodÃ© depression: a single spot in the Sahara that provides most of the mineral dust to the Amazon forest. <i>Environmental Research Letters</i> , 2006, 1, 014005.	5.2	278
184	Trans Boundary Transport of Pollutants by Atmospheric Mineral Dust. <i>Environmental Science & Technology</i> , 2006, 40, 2996-3005.	10.0	124
185	Characterization of the organic composition of aerosols from RondÃ©nia, Brazil, during the LBA-SMOCC 2002 experiment and its representation through model compounds. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 375-402.	4.9	265
186	Atmospheric HULIS: How humic-like are they? A comprehensive and critical review. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 729-753.	4.9	657
187	Cloud Condensation Nuclei properties of model and atmospheric HULIS. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2465-2482.	4.9	202
188	The density of humic acids and humic like substances (HULIS) from fresh and aged wood burning and pollution aerosol particles. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 5213-5224.	4.9	147
189	Number-concentration of nanoparticles in liposomal and polymeric multiparticulate preparations: Empirical and calculation methods. <i>Biomaterials</i> , 2006, 27, 651-659.	11.4	42
190	Detection and quantification of levoglucosan in atmospheric aerosols: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 26-33.	3.7	101
191	Density changes of aerosol particles as a result of chemical reaction. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 275-291.	4.9	106
192	Importance of the organic aerosol fraction for modeling aerosol hygroscopic growth and activation: a case study in the Amazon Basin. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 3111-3126.	4.9	118
193	Low molecular weight organic acids in aerosol particles from RondÃ©nia, Brazil, during the biomass-burning, transition and wet periods. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 781-797.	4.9	196
194	The effect of smoke, dust, and pollution aerosol on shallow cloud development over the Atlantic Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11207-11212.	7.1	568
195	New Analytical Method for the Determination of Levoglucosan, Polyhydroxy Compounds, and 2-Methylerythritol and Its Application to Smoke and Rainwater Samples. <i>Environmental Science & Technology</i> , 2005, 39, 2744-2752.	10.0	122
196	Multiphase Decomposition of Novel Oxygenated Organics in Aqueous and Organic Media. <i>Environmental Science & Technology</i> , 2005, 39, 5203-5208.	10.0	9
197	The NH ₄ ⁺ -NO ₃ ⁻ -Cl ⁻ -SO ₄ ²⁻ -H ₂ O aerosol system and its gas phase precursors at a pasture site in the Amazon Basin: How relevant are mineral cations and soluble organic acids?. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	94
198	Aerosol invigoration and restructuring of Atlantic convective clouds. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	444

#	ARTICLE	IF	CITATIONS
199	Direct observation of completely processed calcium carbonate dust particles. <i>Faraday Discussions</i> , 2005, 130, 453.	3.2	198
200	Particle Morphology and Density Characterization by Combined Mobility and Aerodynamic Diameter Measurements. Part 2: Application to Combustion-Generated Soot Aerosols as a Function of Fuel Equivalence Ratio. <i>Aerosol Science and Technology</i> , 2004, 38, 1206-1222.	3.1	212
201	Local and regional contributions to the atmospheric aerosol over Tel Aviv, Israel: a case study using elemental, ionic and organic tracers. <i>Atmospheric Environment</i> , 2004, 38, 1593-1604.	4.1	53
202	Laboratory Perspectives on the Chemical Transformations of Organic Matter in Atmospheric Particles. <i>ChemInform</i> , 2004, 35, no.	0.0	0
203	Crystals Formed at 293 K by Aqueous Sulfate-Nitrate-Ammonium-Proton Aerosol Particles. <i>Journal of Physical Chemistry A</i> , 2004, 108, 9375-9383.	2.5	51
204	Adsorption of organic compounds pertinent to urban environments onto mineral dust particles. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	159
205	Products and Mechanisms of Ozone Reactions with Oleic Acid for Aerosol Particles Having Core-Shell Morphologies. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6686-6695.	2.5	156
206	Particle Morphology and Density Characterization by Combined Mobility and Aerodynamic Diameter Measurements. Part 2: Application to Combustion-Generated Soot Aerosols as a Function of Fuel Equivalence Ratio. <i>Aerosol Science and Technology</i> , 2004, 38, 1206-1222.	3.1	67
207	High resolution mass spectrometry using a linear electrostatic ion beam trap. <i>International Journal of Mass Spectrometry</i> , 2003, 229, 55-60.	1.5	57
208	Laboratory Perspectives on the Chemical Transformations of Organic Matter in Atmospheric Particles. <i>Chemical Reviews</i> , 2003, 103, 5097-5124.	47.7	297
209	Crystallization of atmospheric sulfate-nitrate-ammonium particles. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	69
210	Influence of the Kuwait oil fires plume (1991) on the microphysical development of clouds. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	43
211	Role of aerosol size and composition in nucleation scavenging within clouds in a shallow cold front. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	18
212	The Atmospheric Fate of C ₃ -C ₆ Hydroxyalkyl Nitrates. <i>Journal of Physical Chemistry A</i> , 2003, 107, 7809-7817.	2.5	44
213	Effects of reversible adsorption and Langmuir-Hinshelwood surface reactions on gas uptake by atmospheric particles. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 351-356.	2.8	153
214	Reactive Uptake of Ozone by Aerosol-Associated Unsaturated Fatty Acids: Kinetics, Mechanism, and Products. <i>Journal of Physical Chemistry A</i> , 2002, 106, 6469-6476.	2.5	215
215	Reactive uptake of NO ₃ by liquid and frozen organics. <i>Journal of Geophysical Research</i> , 2002, 107, AAC 6-1.	3.3	66
216	Treating clouds with a grain of salt. <i>Geophysical Research Letters</i> , 2002, 29, 17-1-17-4.	4.0	104

#	ARTICLE	IF	CITATIONS
217	Negative Mass Instability for Interacting Particles in a 1D Box: Theory and Application. <i>Physical Review Letters</i> , 2002, 89, 283204.	7.8	49
218	Rate Coefficients for the Reactions of Cl Atoms with a Series of C ₃ -C ₆ Hydroxyalkyl Nitrates at 296 ± 2 K. <i>Journal of Physical Chemistry A</i> , 2002, 106, 5902-5907.	2.5	5
219	Analysis of Semivolatile Organic Compounds in Atmospheric Aerosols by Direct Sample Introduction Thermal Desorption GC/MS. <i>Environmental Science & Technology</i> , 2001, 35, 2326-2333.	10.0	107
220	Chemical and mineralogical analysis of individual mineral dust particles. <i>Journal of Geophysical Research</i> , 2001, 106, 18029-18036.	3.3	165
221	Reactive uptake of ozone by proxies for organic aerosols: Surface-bound and gas-phase products. <i>Journal of Geophysical Research</i> , 2001, 106, 3045-3056.	3.3	66
222	Uptake of Cl and Br by organic surfaces-A perspective on organic aerosols processing by tropospheric oxidants. <i>Geophysical Research Letters</i> , 2001, 28, 4083-4086.	4.0	80
223	Measurement of octanol-air partition coefficients using solid-phase microextraction (SPME)-application to hydroxy alkyl nitrates. <i>Atmospheric Environment</i> , 2001, 35, 5843-5854.	4.1	25
224	Desert dust suppressing precipitation: A possible desertification feedback loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5975-5980.	7.1	665
225	Ion Motion Synchronization in an Ion-Trap Resonator. <i>Physical Review Letters</i> , 2001, 87, 055001.	7.8	79
226	SOME EFFECTS OF MINERAL DUST PARTICLES ON CLOUD MICROPHYSICS: NUMERICAL INVESTIGATION OF A DUST STORM SITUATION. <i>Journal of Aerosol Science</i> , 2001, 32, 929-930.	3.8	1
227	LABORATORY STUDIES ON THE REACTIVITY OF TROPOSPHERIC OXIDANTS WITH PROXIES FOR ORGANIC AEROSOLS. <i>Journal of Aerosol Science</i> , 2001, 32, 647-648.	3.8	0
228	A comparative study of a liquid and a solid matrix in matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and collision cross section measurements. , 2000, 14, 515-519.		16
229	Product studies of the OH- and ozone-initiated oxidation of some monoterpenes. <i>Journal of Geophysical Research</i> , 2000, 105, 11561-11572.	3.3	107
230	Reactive uptake of ozone by proxies for organic aerosols: Surface versus bulk processes. <i>Journal of Geophysical Research</i> , 2000, 105, 14667-14676.	3.3	119
231	Wetting of Hydrophobic Organic Surfaces and Its Implications to Organic Aerosols in the Atmosphere. <i>Journal of Physical Chemistry A</i> , 2000, 104, 5238-5245.	2.5	83
232	Henry's Law Constants of Some \hat{I}^2 -, \hat{I}^3 -, and \hat{I}^1 -Hydroxy Alkyl Nitrates of Atmospheric Interest. <i>Environmental Science & Technology</i> , 2000, 34, 1197-1203.	10.0	51
233	Fourier Transform Time-of-Flight Mass Spectrometry in an Electrostatic Ion Beam Trap. <i>Analytical Chemistry</i> , 2000, 72, 4041-4046.	6.5	34
234	The role of BrNO ₃ in marine tropospheric chemistry: A model study. <i>Geophysical Research Letters</i> , 1999, 26, 2857-2860.	4.0	88

#	ARTICLE	IF	CITATIONS
235	Water adsorption by hydrophobic organic surfaces: Experimental evidence and implications to the atmospheric properties of organic aerosols. <i>Journal of Geophysical Research</i> , 1999, 104, 16053-16059.	3.3	34
236	Direct Kinetics Study of the Reaction of Peroxyacetyl Radical with NO between 218 and 370 K. <i>Journal of Physical Chemistry A</i> , 1999, 103, 6766-6771.	2.5	9
237	Mass and Collision Cross-Section Determination Using a Low-Vacuum Mass Spectrometer. <i>Analytical Chemistry</i> , 1999, 71, 648-651.	6.5	4
238	Multiphase chemistry of NO ₃ in the remote troposphere. <i>Journal of Geophysical Research</i> , 1998, 103, 16133-16143.	3.3	34
239	Oxidation of atmospheric reduced sulphur compounds: perspective from laboratory studies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 171-182.	4.0	86
240	Uptake of NO ₃ on Water Solutions: Rate Coefficients for Reactions of NO ₃ with Cloud Water Constituents. <i>Journal of Physical Chemistry A</i> , 1997, 101, 2316-2322.	2.5	21
241	Reactive uptake of NO ₃ on pure water and ionic solutions. <i>Journal of Geophysical Research</i> , 1996, 101, 21023-21031.	3.3	116
242	Two-laser differential absorption for wide molecular bands. , 1996, , .		0
243	Kinetics of Hydroxyl Radical Reactions with Isotopically Labeled Hydrogen. <i>The Journal of Physical Chemistry</i> , 1996, 100, 3037-3043.	2.9	76
244	Uptake of NO ₃ on KI solutions: rate coefficient for the NO ₃ + I ⁻ reaction and gas-phase diffusion coefficients for NO ₃ . <i>Chemical Physics Letters</i> , 1996, 261, 467-473.	2.6	50
245	Reactions of O(3P) with Alkyl Iodides: Rate Coefficients and Reaction Products. <i>The Journal of Physical Chemistry</i> , 1996, 100, 14005-14015.	2.9	90
246	Rate Coefficients for Reactions of NO ₃ with a Few Olefins and Oxygenated Olefins. <i>The Journal of Physical Chemistry</i> , 1996, 100, 5374-5381.	2.9	61
247	Reaction of Methylbutenol with the OH Radical: Mechanism and Atmospheric Implications. <i>The Journal of Physical Chemistry</i> , 1995, 99, 12188-12194.	2.9	67
248	Reactions of oxygen atoms with hydrocarbon clusters – the solvent effect. <i>AIP Conference Proceedings</i> , 1994, , .	0.4	0
249	<title>Reaction of oxygen atoms with hydrocarbon monomers and clusters: the power of state-selectivity</title>. , 1994, , .		0
250	The Reactions of O(¹ D) with Propane and Water Monomers and Clusters. <i>Israel Journal of Chemistry</i> , 1994, 34, 59-66.	2.3	15
251	Reactant rotational energy effect on energy distribution in products. The role of the electronic angular momentum. <i>Chemical Physics Letters</i> , 1993, 215, 674-680.	2.6	16
252	The reaction of O(3P) with cyclohexane clusters. <i>Journal of Chemical Physics</i> , 1993, 98, 2936-2940.	3.0	25

#	ARTICLE	IF	CITATIONS
253	Effect of a single solvent atom on bimolecular reactions: Collisions of O(3P) with hydrocarbonâ€“argon clusters. Journal of Chemical Physics, 1993, 98, 2941-2946.	3.0	15
254	The reactions of O(1D) with CH ₄ and C ₃ H ₈ monomers and clusters. Journal of Chemical Physics, 1993, 99, 4500-4508.	3.0	60
255	Energy distribution in HCl(v=1) following the vibrational predissociation of C ₂ H ₂ â€“HCl complex. Journal of Chemical Physics, 1992, 96, 8616-8617.	3.0	22
256	Rotational relaxation in a free expansion of HCl. Journal of Chemical Physics, 1992, 96, 4423-4428.	3.0	8
257	The reaction of O(3P) with cyclohexane clusters - hint for the mechanism in the liquid phase. Journal of the American Chemical Society, 1991, 113, 7077-7078.	13.7	4
258	Control of Rhizoctonia solani fruit rot of tomatoes by Trichoderma harzianum Rifai. Crop Protection, 1985, 4, 359-364.	2.1	25
259	Modification of Sex Expression in Muskmelon by Treatment with the Growth Retardant B-995. Physiologia Plantarum, 1967, 20, 1052-1058.	5.2	32
260	Effects of Row Width and Seedling Spacing on Yield and its Components in Grain Sorghum Grown under Dryland Conditions 1. Agronomy Journal, 1966, 58, 602-604.	1.8	12
261	Infection Dynamics of a Bloom-Forming Alga and Its Virus Determine Airborne Coccolith Emission from Seawater. SSRN Electronic Journal, 0, , .	0.4	0
262	Structure and Protein-Protein Interactions of Ice Nucleation Proteins Drive Their Activity. Frontiers in Microbiology, 0, 13, .	3.5	11