

# Graciela Arbilla

## List of Publications by Year in descending order

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128  
papers

2,797  
citations

304368

22  
h-index

205818

48  
g-index

131  
all docs

131  
docs citations

131  
times ranked

3515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzene, Toluene, Ethylbenzene and Xylene (BTEX) Concentrations in Urban Areas Impacted by Chemical and Petrochemical Industrial Emissions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 108, 204-211.	1.3	14
2	Fine Particulate Matter: Brazilian Legislation in the Light of the World Health Organization Guidelines. <i>Revista Virtual De Quimica</i> , 2022, 14, 359-371.	0.1	1
3	An analysis of speciated hydrocarbons in hydrous ethanol (H100) and ethanol-gasoline blend (E22) for vehicle exhaust emissions. <i>Atmospheric Environment</i> , 2022, 285, 119248.	1.9	2
4	Determination of size-segregated polycyclic aromatic hydrocarbon and its nitro and alkyl analogs in emissions from diesel-biodiesel blends. <i>Fuel</i> , 2021, 283, 118912.	3.4	8
5	Hydrocarbon emissions in flex fuel vehicles using ethanol: Preliminary results using a method implemented in Brazil. <i>Fuel</i> , 2021, 287, 119506.	3.4	10
6	Using mobility restriction experience for urban air quality management. <i>Atmospheric Pollution Research</i> , 2021, 12, 101119.	1.8	7
7	A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. <i>Environment International</i> , 2021, 157, 106818.	4.8	126
8	Online Chemistry Education Challenges for Rio de Janeiro Students during the COVID-19 Pandemic. <i>Journal of Chemical Education</i> , 2020, 97, 3396-3399.	1.1	20
9	The Impact of COVID-19 Partial Lockdown on Primary Pollutant Concentrations in the Atmosphere of Rio de Janeiro and São Paulo Megacities (Brazil). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 2-8.	1.3	54
10	Increased ozone levels during the COVID-19 lockdown: Analysis for the city of Rio de Janeiro, Brazil. <i>Science of the Total Environment</i> , 2020, 737, 139765.	3.9	131
11	Impact of the Petrochemical Complex on the Air Quality of an Urban Area in the City of Rio de Janeiro, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 438-443.	1.3	6
12	A reactivity analysis of volatile organic compounds in a Rio de Janeiro urban area impacted by vehicular and industrial emissions. <i>Atmospheric Pollution Research</i> , 2020, 11, 1018-1027.	1.8	15
13	Understanding high tropospheric ozone episodes in Bangu, Rio de Janeiro, Brazil. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 156.	1.3	10
14	The impact of COVID-19 partial lockdown on the air quality of the city of Rio de Janeiro, Brazil. <i>Science of the Total Environment</i> , 2020, 729, 139085.	3.9	457
15	Preliminary Study of Ambiente Levels and Exposure to BTEX in the Rio de Janeiro Olympic Metropolitan Region, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 786-791.	1.3	8
16	The COVID-19 Pandemic: Living in the Anthropocene. <i>Revista Virtual De Quimica</i> , 2020, 12, 901-912.	0.1	6
17	COVID-19: challenges for a new epoch. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2020, 53, e20200270.	0.4	2
18	Why did ozone levels remain high in Rio de Janeiro during the Brazilian truck driver strike?. <i>Atmospheric Pollution Research</i> , 2019, 10, 2018-2029.	1.8	13

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19	Levels of Volatile Carbonyl Compounds in the Atlantic Rainforest, in the City of Rio de Janeiro. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 757-762.	1.3	9
20	Main Greenhouse Gases levels in the largest secondary urban forest in the world. Atmospheric Pollution Research, 2019, 10, 564-570.	1.8	6
21	MODELOS FOTOQUÍMICOS SIMPLES COMO FERRAMENTA PARA O GERENCIAMENTO DA QUALIDADE DO AR. Quimica Nova, 2019, , .	0.3	1
22	Isoprene Emissions and Ozone Formation in Urban Conditions: A Case Study in the City of Rio de Janeiro. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 184-188.	1.3	12
23	Polycyclic aromatic hydrocarbon patterns in the city of Rio de Janeiro. Air Quality, Atmosphere and Health, 2018, 11, 581-590.	1.5	7
24	A minimum set of ozone precursor volatile organic compounds in an urban environment. Atmospheric Pollution Research, 2018, 9, 369-378.	1.8	23
25	Air Quality in the Maracanã and Deodoro Zones During the Rio 2016 Olympic Games. Journal of the Brazilian Chemical Society, 2018, , .	0.6	1
26	The new Meghalayan Age: What does it imply for the Anthropocene Age?. Revista Virtual De Quimica, 2018, 10, 1648-1658.	0.1	4
27	Simulation of Pollutant Trajectories in Natural and Anthropogenic Events. Revista Virtual De Quimica, 2018, 10, 1828-1848.	0.1	1
28	Tijuca Forest: An Urban Forest in the Anthropocene. Revista Virtual De Quimica, 2018, 10, 1758-1791.	0.1	2
29	Urbanization and the Challenges in the Characterization of Air Quality. Revista Virtual De Quimica, 2018, 10, 1898-1914.	0.1	0
30	Anthropocene: The Challenges for a New World. Revista Virtual De Quimica, 2018, 10, 1619-1647.	0.1	5
31	Efeitos da gestão de mobilidade urbana para os Jogos Olímpicos sobre a qualidade do ar na região central da cidade do Rio de Janeiro. Urbe, 2018, 10, 129-142.	0.3	0
32	An Analytical Investigation of Ozone Episodes in Bangu, Rio de Janeiro. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 632-637.	1.3	9
33	Chemical characterization of organosulfates from the hydroxyl radical-initiated oxidation and ozonolysis of cis-3-hexen-1-ol. Atmospheric Environment, 2017, 162, 141-151.	1.9	17
34	Air Quality Indexes in the City of Rio de Janeiro During the 2016 Olympic and Paralympic Games. Journal of the Brazilian Chemical Society, 2017, , .	0.6	2
35	Speciation Analysis of Ozone Precursor Volatile Organic Compounds in the Air Basins of the Rio de Janeiro Metropolitan Area. Revista Virtual De Quimica, 2017, 9, 1887-1909.	0.1	3
36	Determination of Greenhouse Gases in Five Capitals in Different Brazilian Biomes. Revista Virtual De Quimica, 2017, 9, 2032-2051.	0.1	3

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37	Isoprene, benzene and toluene levels at the major landmarks of Rio de Janeiro during the 2014 FIFA World Cup. <i>Atmosfera</i> , 2016, 29, 197-207.	0.3	3
38	Kinetic and mechanistic reactivity. Isoprene impact on ozone levels in an urban area near Tijuca Forest, Rio de Janeiro. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 781-785.	1.3	11
39	Volatile Organic Compounds in the Atmosphere of the Botanical Garden of the City of Rio de Janeiro: A Preliminary Study. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 653-658.	1.3	14
40	Rate coefficients for the reaction of OH radicals with cis-3-hexene: an experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8714-8722.	1.3	6
41	Comparative Kinetics of the 3-Buten-1-ol and 1-Butene Reactions with OH Radicals: A Density Functional Theory/RRKM Investigation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3171-3180.	1.1	10
42	Determination of CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O: a Case Study for the City of Rio de Janeiro Using a New Sampling Method. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	1
43	Trace Metals in PM <sub>10</sub> and PM <sub>2.5</sub> Samples Collected in a Highly Industrialized Chemical/Petrochemical Area and Its Urbanized Surroundings. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 590-595.	1.3	16
44	PM <sub>2.5</sub> -Bound Polycyclic Aromatic Hydrocarbons in an Area of Rio de Janeiro, Brazil Impacted by Emissions of Light-Duty Vehicles Fueled by Ethanol-Blended Gasoline. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 781-786.	1.3	11
45	Theoretical calculations of the kinetics of the OH reaction with 2-methyl-2-propen-1-ol and its alkene analogue. <i>RSC Advances</i> , 2014, 4, 20830-20840.	1.7	8
46	Theoretical study of $\hat{1}^{\circ}$ -3-(+)-carene oxidation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19376-19385.	1.3	12
47	Alkyl polycyclic aromatic hydrocarbons emissions in diesel/biodiesel exhaust. <i>Atmospheric Environment</i> , 2014, 96, 107-116.	1.9	43
48	Characterization of polycyclic aromatic hydrocarbon levels in the vicinity of a petrochemical complex located in a densely populated area of the Rio de Janeiro, Brazil. <i>Atmospheric Pollution Research</i> , 2014, 5, 87-95.	1.8	15
49	The impact of BTEX emissions from gas stations into the atmosphere. <i>Atmospheric Pollution Research</i> , 2012, 3, 163-169.	1.8	109
50	Trace metals in the urban aerosols of Rio de Janeiro city. <i>Journal of the Brazilian Chemical Society</i> , 2012, , .	0.6	7
51	Kinetics and Thermodynamics of Limonene Ozonolysis. <i>Journal of Physical Chemistry A</i> , 2011, 115, 10911-10919.	1.1	33
52	Carbonyl Oxides Reactions from Geraniol- <i>trans</i> -(3,7-dimethylocta-2,6-dien-1-ol), 6-Methyl-5-hepten-2-one, and 6-Hydroxy-4-methyl-4-hexenal Ozonolysis: Kinetics and Mechanisms. <i>Journal of Physical Chemistry A</i> , 2011, 115, 7709-7721.	1.1	6
53	Volatile Organic Compounds in a Residential and Commercial Urban Area with a Diesel, Compressed Natural Gas and Oxygenated Gasoline Vehicular Fleet. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 175-179.	1.3	4
54	Comparative Study of Automotive, Aircraft and Biogenic Emissions of Aldehydes and Aromatic Compounds. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 180-184.	1.3	7

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55	Evolution of Particulate Matter and Associated Metal Levels in the Urban Area of Rio de Janeiro, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 315-318.	1.3	7
56	Five years of formaldehyde and acetaldehyde monitoring in the Rio de Janeiro downtown area – Brazil. <i>Atmospheric Environment</i> , 2010, 44, 2302-2308.	1.9	59
57	Formaldehyde and acetaldehyde concentrations in the idle and taxiway areas of an urban airport. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 481-488.	0.6	2
58	Pattern of volatile aldehydes and aromatic hydrocarbons in the largest urban rainforest in the Americas. <i>Chemosphere</i> , 2010, 79, 1064-1069.	4.2	25
59	Theoretical Study of the Addition of OH Radicals to <i>trans</i> -Geraniol-(3,7-dimethylocta-2,6-dien-1-ol), 6-Methyl-5-hepten-2-one, and 6-Hydroxy-4-methyl-4-hexenal. <i>Journal of Physical Chemistry A</i> , 2010, 114, 5468-5477.	1.1	4
60	Concentration of airborne trace metals in a bus station with a high heavy-duty diesel fraction. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1343-1350.	0.6	13
61	Particle-associated polycyclic aromatic hydrocarbons in a suburban region of Rio de Janeiro, Brazil, with industrial and traffic emissions. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 518-529.	0.6	5
62	Particle-associated polycyclic aromatic hydrocarbons and their dry deposition fluxes from a bus-station in the Rio de Janeiro metropolitan area, Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, .	0.6	11
63	Evaluation of levels, sources and distribution of toxic elements in PM10 in a suburban industrial region, Rio de Janeiro, Brazil. <i>Environmental Monitoring and Assessment</i> , 2008, 139, 49-59.	1.3	52
64	Theoretical investigation of the gas phase oxidation mechanism of dimethyl sulfoxide by OH radical. <i>Computational and Theoretical Chemistry</i> , 2008, 851, 1-14.	1.5	10
65	Carbonyl emissions in diesel and biodiesel exhaust. <i>Atmospheric Environment</i> , 2008, 42, 769-775.	1.9	183
66	Mercaptans emissions in diesel and biodiesel exhaust. <i>Atmospheric Environment</i> , 2008, 42, 6721-6725.	1.9	22
67	Oxidation mechanism of dimethyl sulfoxide (DMSO) by OH radical in liquid phase. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6867.	1.3	24
68	Ozonolysis of Geraniol- <i>trans</i> , 6-Methyl-5-hepten-2-one, and 6-Hydroxy-4-methyl-4-hexenal: Kinetics and Mechanisms. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6636-6645.	1.1	12
69	Theoretical Investigation on the Stability of Ionic Formic Acid Clusters. <i>Journal of Physical Chemistry A</i> , 2008, 112, 13382-13392.	1.1	14
70	Principais carbonilas no ar de locais p�blicos no Rio de Janeiro. <i>Quimica Nova</i> , 2008, 31, 249-253.	0.3	4
71	Atmospheric levels of aldehydes and BTEX and their relationship with vehicular fleet changes in Rio de Janeiro urban area. <i>Chemosphere</i> , 2007, 67, 2096-2103.	4.2	57
72	A two-year monitoring program of aromatic hydrocarbons in Rio de Janeiro downtown area. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 539-543.	0.6	15

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73	Spatial distribution of polycyclic aromatic hydrocarbons in Terminalia catappa L. (Combretaceae) bark from a selected heavy road traffic area of Rio de Janeiro City, Brazil. <i>Journal of Hazardous Materials</i> , 2007, 142, 389-396.	6.5	19
74	Atmospheric concentrations and dry deposition fluxes of particulate trace metals in Salvador, Bahia, Brazil. <i>Atmospheric Environment</i> , 2007, 41, 7837-7850.	1.9	74
75	Volatile Aromatic Compounds in a Light-Duty Vehicle Tunnel in Rio de Janeiro, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 304-307.	1.3	8
76	Exposure to Volatile Organic Compounds in an Ethanol and Gasoline Service Station. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 237-241.	1.3	27
77	Polycyclic Aromatic Hydrocarbons and their Molecular Diagnostic Ratios in Airborne Particles (PM10) Collected in Rio de Janeiro, Brazil. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 79-92.	1.1	16
78	Experimental and theoretical study of the air quality in a suburban industrial-residential area in Rio de Janeiro, Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 342-351.	0.6	10
79	Theoretical study of fluorination reaction by diethylaminosulfur trifluoride (DAST). <i>Computational and Theoretical Chemistry</i> , 2006, 761, 73-81.	1.5	11
80	Characterization of Airborne Trace Metal Distribution in Baixada Fluminense, Rio de Janeiro, Brazil, by Operational Speciation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 119-125.	1.3	3
81	Particulate Matter and Associated Metal Levels in a Conservation Area in the Remaining Tropical Forest of Mata Atlantica, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 651-657.	1.3	2
82	Concentration and Emission Sources of Airborne Metals in Particulate Matter in the Industrial District of Medio Paraaba, State of Rio de Janeiro, Brazil. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 485-493.	2.1	12
83	Aromatic hydrocarbons emissions in diesel and biodiesel exhaust. <i>Atmospheric Environment</i> , 2006, 40, 6821-6826.	1.9	198
84	Evaluation of levels, sources and distribution of airborne trace metals in seven districts of the Baixada Fluminense, Rio de Janeiro, Brazil. <i>Atmospheric Environment</i> , 2005, 39, 3503-3512.	1.9	21
85	Formaldehyde and acetaldehyde associated with the use of natural gas as a fuel for light vehicles. <i>Atmospheric Environment</i> , 2005, 39, 4513-4518.	1.9	47
86	Assessment of the Concentrations and Emission Sources of Airborne Metals in Particulate Matter in Seven Districts of Baixada Fluminense, Rio de Janeiro, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 997-1003.	1.3	1
87	PAHs in Diurnal and Nocturnal Samples of Total Suspended Particulate in a Highly Trafficked Area of Rio de Janeiro City, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 1004-1011.	1.3	6
88	Metals in airborne particulate matter in the industrial district of Santa Cruz, Rio de Janeiro, in an annual period. <i>Atmospheric Environment</i> , 2004, 38, 321-331.	1.9	102
89	Aromatic Volatile Organic Compounds Emissions in a Tire Recapping Unit. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 72, 255-260.	1.3	1
90	Metals in Airborne Particulate Matter in Downtown Rio de Janeiro, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 72, 916-22.	1.3	24

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91	Formaldehyde and acetaldehyde in a high traffic street of Rio de Janeiro, Brazil. Atmospheric Environment, 2003, 37, 23-29.	1.9	85
92	Computer modeling study of ethanol and aldehyde reactivities in Rio de Janeiro urban air. Atmospheric Environment, 2003, 37, 1715-1722.	1.9	22
93	Ozone Air Quality Modeling. A Case Study: A Heavily Vehicle Impacted Urban Avenue in Rio de Janeiro, Brazil. Journal of the Brazilian Chemical Society, 2002, 13, 308-317.	0.6	15
94	Unimolecular reactions on formaldehyde S0 PES. Computational and Theoretical Chemistry, 2002, 580, 147-160.	1.5	19
95	Polycyclic Aromatic Hydrocarbons in Total Suspended Particulate of Niterói, RJ, Brazil: A Comparison of Summer and Winter Samples. Bulletin of Environmental Contamination and Toxicology, 2002, 69, 173-180.	1.3	14
96	Preliminary Comparison of PAH in Total Suspended Particulate Samples Taken at Niterói and Rio de Janeiro Cities, Brazil. Bulletin of Environmental Contamination and Toxicology, 2001, 66, 36-43.	1.3	11
97	Theoretical study and rate constants for the unimolecular isomerization of YONO (Y=F, Cl and Br). Computational and Theoretical Chemistry, 2001, 539, 223-232.	1.5	11
98	Kinetic analysis of the chemical processes in the decomposition of gaseous dielectrics by a non-equilibrium plasma - part 1: CF <sub>4</sub> and CF <sub>4</sub> /O <sub>2</sub> . Journal of the Brazilian Chemical Society, 2000, 11, 121.	0.6	7
99	Avaliação da contaminação humana por hidrocarbonetos policíclicos aromáticos (HPAs) e seus derivados nitrados (NHPAs): uma revisão metodológica. Quimica Nova, 2000, 23, 765-773.	0.3	96
100	Theoretical Study of the CF <sub>2</sub> CH <sub>2</sub> + HF + CF <sub>3</sub> CH Reaction. Journal of Physical Chemistry A, 2000, 104, 9535-9541.	1.1	4
101	Reaction Coordinate and Rate Constants for Nitrous Acid cis-trans Isomerization. Journal of Physical Chemistry A, 2000, 104, 10895-10900.	1.1	5
102	Simulation of Air Pollution from Mobile Source Emissions in the City of Rio de Janeiro. Journal of the Brazilian Chemical Society, 1999, 10, 203-208.	0.6	9
103	Kinetic analysis of the gas-phase reactions of methacrolein with the OH radical in the presence of NO <sub>x</sub> . Journal of the Brazilian Chemical Society, 1999, 10, 483.	0.6	3
104	Otimização de um mecanismo fotoquímico para a simulação da atmosfera urbana brasileira. Quimica Nova, 1999, 22, 790-800.	0.3	6
105	Unimolecular Decomposition of Formaldehyde: H <sub>2</sub> CO → H <sub>2</sub> + CO. Part I: Ab Initio Reaction Path and Variational Transition State Rate Constants. Journal of Physical Chemistry A, 1998, 102, 10805-10812.	1.1	18
106	Modeling and Separation of Rare Earth Elements by Countercurrent Electromigration: A New Separation Column. Separation Science and Technology, 1998, 33, 1551-1565.	1.3	2
107	Cinética e isotermia na análise térmica de sólidos. Quimica Nova, 1998, 21, 263-266.	0.3	0
108	Kinetic Analysis of the Gas-Phase Reactions of Methyl Tert-Butyl Ether with the OH Radical in the Presence of NO <sub>x</sub> . Journal of the Brazilian Chemical Society, 1998, 9, 539-550.	0.6	1



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109	Kinetic Analysis of the Gas-Phase Reactions of Methyl Vinyl Ketone with the OH Radical in the Presence of NOx. Journal of the Brazilian Chemical Society, 1998, 9, 551-562.	0.6	0
110	Simulação da Química da Atmosfera Poluída por Automóveis Movidos a Álcool. Química Nova, 1997, 20, 252-260.	0.3	5
111	Kinetic Modeling of the Photodecomposition of Ketene. Journal of the Brazilian Chemical Society, 1993, 4, 165-171.	0.6	0
112	Collisional Energy Transfer of Highly Excited Polyatomic Molecules. A Statistical Point of View. Journal of the Brazilian Chemical Society, 1993, 4, 113-115.	0.6	0
113	The unimolecular decomposition and isomerization of chemically activated 1-methyl-2,2,3,3-tetrafluorocyclopropane. International Journal of Chemical Kinetics, 1992, 24, 619-629.	1.0	1
114	Photodecomposition of ketene in the presence of a continuous electric field. Chemical Physics Letters, 1991, 187, 613-618.	1.2	1
115	Multistep collisional deactivation of highly vibrationally excited 1,1,2-trifluoro-2-(trifluoromethyl)cyclopropane. The Journal of Physical Chemistry, 1990, 94, 8140-8144.	2.9	3
116	Electric field effect on the chemical activation processes of 1,1,2,2-tetrafluorocyclopropane. The Journal of Physical Chemistry, 1990, 94, 3812-3815.	2.9	2
117	Decomposition of 1,1,2,2-tetrafluorocyclopropane. Arrhenius parameters and their influence on the chemical activation results. International Journal of Chemical Kinetics, 1989, 21, 1003-1014.	1.0	6
118	Vibrational energy-transfer probabilities of highly excited 1,1,2,2-tetrafluorocyclopropane. The Journal of Physical Chemistry, 1984, 88, 5221-5225.	2.9	4
119	Multistep collisional deactivation of highly vibrationally excited 1,1,2,2-tetrafluorocyclopropane. The Journal of Physical Chemistry, 1983, 87, 3906-3911.	2.9	11
120	Rate Coefficient for the Reaction of Cl Atoms with cis-3-Hexene at 296 ± 2 K. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
121	Estudo da formação de ozônio em câmara de reação por motociclos flex fuel. , 0, , .		0
122	FATORES DE EMISSÃO DE COMPOSTOS CARBÔNICOS MEDIDOS EM UM TÚNEL DO RIO DE JANEIRO, BRASIL, EM CONDIÇÕES REAIS DE DIRIGIBILIDADE. Química Nova, 0, , .	0.3	2
123	The Updated Brazilian National Air Quality Standards: A Critical Review. Journal of the Brazilian Chemical Society, 0, , .	0.6	9
124	Speciated hydrocarbon analysis in exhaust emissions of flex fuel vehicles. , 0, , .		4
125	Evaluation of Pedagogical Strategies used in the State of Rio de Janeiro for Teaching Chemistry, Physics and Biology in High School During the First Year of the COVID-19 Pandemic. Revista Virtual De Química, 0, , .	0.1	1
126	Avaliação da eficiência do método TO-15 para determinação de compostos orgânicos voláteis em condições típicas de ambiente urbano. Química Nova, 0, , .	0.3	0



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127	RADIONUCLÁDEOS COMO MARCADORES DE UM NOVO TEMPO: O ANTROPOCENO. Quimica Nova, 0, , .	0.3	1
128	Evaluation of the Generation of Technofossils by Different Coffee Brewing Methods During COVID-19 Pandemic. Revista Virtual De Quimica, 0, , .	0.1	0