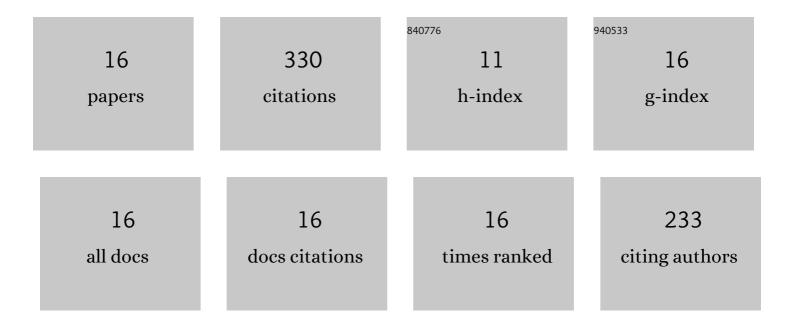
N I Butkovskaya

List of Publications by Year in descending order

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N I RUTKOVSKAVA

#	ARTICLE	IF	CITATIONS
1	Infrared chemiluminescence from water-forming reactions: Characterization of dynamics and mechanisms. International Reviews in Physical Chemistry, 2003, 22, 1-72.	2.3	52
2	Infrared Chemiluminescence Study of the Reactions of Hydroxyl Radicals with Formaldehyde and Formyl Radicals with H, OH, NO, and NO2. Journal of Physical Chemistry A, 1998, 102, 9715-9728.	2.5	36
3	Chemical Dynamics of H Abstraction by OH Radicals:  Vibrational Excitation of H2O, HOD, and D2O Produced in Reactions of OH and OD with HBr and DBr. The Journal of Physical Chemistry, 1996, 100, 4853-4866.	2.9	33
4	Product Branching Fractions and Kinetic Isotope Effects for the Reactions of OH and OD Radicals with CH3SH and CH3SD. Journal of Physical Chemistry A, 1999, 103, 6921-6929.	2.5	32
5	Vibrational excitation of H2O and HOD molecules produced by reactions of OH and OD with cyclo-C6H12, n-C4H10, neo-C5H12, HCl, DCl and NH3 as studied by infrared chemiluminescence. Journal of Chemical Physics, 1998, 108, 2434-2447.	3.0	31
6	Chemical Dynamics of the OH and OD Radical Reactions with H2S, CH3SCH3, and CH3SH Studied by Infrared Chemiluminescence. Journal of Physical Chemistry A, 1998, 102, 6395-6405.	2.5	28
7	Dynamics of OH and OD radical reactions with HI and GeH4 as studied by infrared chemiluminescence of the H2O and HDO products. Journal of Chemical Physics, 1997, 106, 5028-5042.	3.0	27
8	Observation of the Unimolecular Decomposition Pathways of Chemically Activated Acetic Acid by Fourier Transform Infrared Emission Spectrometry. The Journal of Physical Chemistry, 1995, 99, 11115-11121.	2.9	24
9	Infrared Chemiluminescence Study of the Reaction of Hydroxyl Radical with Acetaldehyde and the Secondary Reactions of Acetyl Radical with NO2, OH, and H. Journal of Physical Chemistry A, 2000, 104, 9428-9435.	2.5	19
10	Branching Ratios and Vibrational Distributions in Water-Forming Reactions of OH and OD Radicals with Methylamines. Journal of Physical Chemistry A, 2016, 120, 6698-6711.	2.5	12
11	Unimolecular decomposition of chemically activated deuteroâ€substituted ethanol molecules studied by infrared chemiluminescence from H2O, HOD, and D2O. Journal of Chemical Physics, 1996, 105, 8064-8074.	3.0	11
12	Reactions of OH and OD radicals with simple thiols and sulfides studied by infrared chemiluminescence of isotopic water products: Reaction OHÂ+ÂCH 3 SH revisited. International Journal of Chemical Kinetics, 2021, 53, 702-715.	1.6	7
13	Infrared Chemiluminescence Study of the Reaction of Hydroxyl Radical with Formamide and the Secondary Unimolecular Reaction of Chemically Activated Carbamic Acid. Journal of Physical Chemistry A, 2018, 122, 3735-3746.	2.5	6
14	Determination of the Rate Constant of the Reaction of Benzene with Atomic Fluorine by the Method of Competing Reactions. Russian Journal of Physical Chemistry B, 2021, 15, 789-794.	1.3	5
15	Theoretical and experimental revision of the water bending excitation in the OH/OD + GeH4 reactions. Theoretical Chemistry Accounts, 2019, 138, 1.	1.4	4
16	Rate constants and vibrational distributions for waterâ€forming reactions of OH and OD radicals with thioacetic acid, 1,2â€ethanedithiol and tertâ€butanethiol. International Journal of Chemical Kinetics, 2019, 51, 395-404.	1.6	3