Andrey A Pershin

List of Publications by Year
in descending order

16	48	1937685 4	1720034 7
papers	citations	h-index	g-index

16	16	16	48
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ozone destruction due to the recombination of oxygen atoms. Journal of Chemical Physics, 2021, 155, 164307.	3.0	4
2	Calculation of Potential Energy Curves for Ar*â€“He Collision Complex. Bulletin of the Lebedev Physics Institute, 2020, 47, 300-302.	0.6	0
3	Computational investigation of energy transfer and line broadening for Ar* + He collisions. Journal of Chemical Physics, 2019, 151, 224306.	3.0	6
4	Collisional relaxation of O2(a1Î”, Ï…â€¯=â€¯1, 2, 3) by CO2. Chemical Physics Letters, 2018, 691, 456-461.	2.6	7
5	Rate constants for collision-induced emission of O2(a1Î”g) with He, Ne, Ar, Kr, N2, CO2 and SF6 as collisional partners. Physical Chemistry Chemical Physics, 2018, 20, 29677-29683.	2.8	3
6	Ozone recovery in the presence of CO and N2O. MATEC Web of Conferences, 2018, 209, 00016.	0.2	0
7	Potential Energy Curves for Excited States of Ar in He and Transition Rate Constants in ArHe Calculated By Ab Initio Methods. , 2018, , .		0
8	Vibrationally Excited Ozone Relaxation by CO. Bulletin of the Lebedev Physics Institute, 2018, 45, 67-70.	0.6	0
9	O2(a1âˆ†) vibrational kinetics in oxygen-iodine laser. , 2018, , .		1
10	Modeling of photolysis oxygen-iodine laser. , 2016, , .		0
11	Ab initio calculations of transition dipole moments of (O<inf>2</inf>)<inf>2</inf> complex. , 2016, , .		0
12	Incomplete ozone recovery effect in the presence of active oxygen species. Bulletin of the Lebedev Physics Institute, 2016, 43, 20-25.	0.6	4
13	Luminescence of the (O₂(a¹Î”_g))₂ collisional complex in the temperature range of 90-315 K: Experiment and theory. Journal of Chemical Physics, 2015, 143, 244315.	3.0	7
14	Molecular singlet delta oxygen quenching kinetics in the EOIL system. Proceedings of SPIE, 2015, , .	0.8	1
15	Kinetics of oxygen species in an electrically driven singlet oxygen generator. Chemical Physics, 2015, 463, 65-69.	1.9	13
16	Mechanism of singlet oxygen deactivation in an electric discharge oxygen â€“ iodine laser. Quantum Electronics, 2014, 44, 1083-1084.	1.0	2