

# Alexandra Tsybizova

## List of Publications by Year in descending order

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14  
papers

192  
citations

1163117

8  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing Complexity in a Conformer Space Step-by-Step: Weighing London Dispersion against Cation- $\pi$ Interactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 9007-9022.	13.7	13
2	Surprising Homolytic Gas Phase Co-C Bond Dissociation Energies of Organometallic Aryl-Cobinamides Reveal Notable Non-Bonded Intramolecular Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 7252-7264.	3.3	5
3	Application of continuous wave quantum cascade laser in combination with CIVP spectroscopy for investigation of large organic and organometallic ions. <i>Review of Scientific Instruments</i> , 2021, 92, 083002.	1.3	3
4	Perturbation of Pyridinium CIVP Spectra by N <sub>2</sub> and H <sub>2</sub> Tags: An Experimental and BOMD Study. <i>Journal of Physical Chemistry A</i> , 2020, 124, 8519-8528.	2.5	5
5	Bond Dissociation Energies in the Gas Phase for Large Molecular Ions by Threshold Collision-Induced Dissociation Experiments: Stretching the Limits. <i>Journal of Physical Chemistry A</i> , 2020, 124, 8692-8707.	2.5	11
6	Cryogenic ion vibrational predissociation (CIVP) spectroscopy of a gas-phase molecular torsion balance to probe London dispersion forces in large molecules. <i>Journal of Chemical Physics</i> , 2019, 151, 234304.	3.0	10
7	A 4 K FT-ICR cell for infrared ion spectroscopy. <i>Review of Scientific Instruments</i> , 2018, 89, 063119.	1.3	11
8	Copper-catalyzed reactions: Research in the gas phase. <i>Mass Spectrometry Reviews</i> , 2016, 35, 85-110.	5.4	22
9	Carboxylate-assisted C-H activation of phenylpyridines with copper, palladium and ruthenium: a mass spectrometry and DFT study. <i>Chemical Science</i> , 2015, 6, 5544-5553.	7.4	42
10	Gas-phase studies of copper catalyzed aerobic cross coupling of thiol esters and arylboronic acids. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 198-203.	1.9	5
11	Speciation Behavior of Copper(II) Acetate in Simple Organic Solvents - Revealing the Effect of Trace Water. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1407-1412.	2.0	20
12	Organocatalytic Preparation of Substituted Cyclopentanes: A Mechanistic Study. <i>Journal of Organic Chemistry</i> , 2014, 79, 1563-1570.	3.2	13
13	Coordination and Bond Activation in Complexes of Regioisomeric Phenylpyridines with the Nickel(II) Chloride Cation in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1171-1180.	2.5	18
14	Electrospray ionization mass spectrometric investigations of the complexation behavior of macrocyclic thiacyclic crown ethers with bivalent transitional metals (Cu, Co, Ni and Zn). <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2287-2294.	1.5	14