Elena Yu Larionova

List of Publications by Year
in descending order

22	132	1478505 6	1372567 10
papers	citations	h-index	g-index

22	22	22	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring acetylene chemistry in superbasic media: A theoretical study of the effect of water on vinylation and ethynylation reactions with acetylene in KOH/DMSO and NaOH/DMSO systems. Journal of Physical Organic Chemistry, 2017, 30, e3669.	1.9	22
2	Methanol vinylation mechanism in the KOH/DMSO/CH₃OH/C₂H₂ system. International Journal of Quantum Chemistry, 2011, 111, 2519-2524.	2.0	20
3	A theoretical study of methanol vinylation reaction mechanism. International Journal of Quantum Chemistry, 2008, 108, 2630-2635.	2.0	13
4	Nucleophilic addition of methanol and methanethiol to acetylene in the superbasic system KOH-DMSO: a quantum chemical model. Russian Chemical Bulletin, 2013, 62, 26-32.	1.5	8
5	Theoretical analysis of pyrrole anions addition to carbon disulfide and carbon dioxide. International Journal of Quantum Chemistry, 2002, 88, 542-548.	2.0	6
6	A Theoretical study of vinylation of methanol, acetoxime, and methanethiol with acetylene in the KOH-DMSO system. Doklady Chemistry, 2011, 438, 167-169.	0.9	6
7	Positional and Conformational Isomerism in Hydroxybenzoic Acid: A Core-Level Study and Comparison with Phenol and Benzoic Acid. Journal of Physical Chemistry A, 2021, 125, 9877-9891.	2.5	6
8	Ab Initio Study of the Conformational and Geometrical Isomerism in Heteroallyl and Heteropropenyl Systems. Journal of Structural Chemistry, 2003, 44, 748-756.	1.0	5
9	Ab initio quantum-chemical study of the mechanism of methoxide ion formation in MOH/DMSO/CH3OH systems (M = Li, Na, K). Journal of Structural Chemistry, 2008, 49, 595-599.	1.0	5
10	AB initio quantum chemical study of the reaction mechanism of ethynide ion formation in the C2H2/MOH/DMSO system (M = Li, Na, K). Journal of Structural Chemistry, 2009, 50, 27-33.	1.0	5
11	Interaction of methanol, methanthiol, and acetoxime with potassium and rubidium hydroxides in dimethyl sulfoxide. Journal of Structural Chemistry, 2011, 52, 659-663.	1.0	5
12	Hydrative trimerization of acetylene into 2-vinyloxy-1,3-butadiene in the KOH/DMSO system: a quantum chemical insight. Tetrahedron Letters, 2015, 56, 1063-1066.	1.4	5
13	Ab initio quantum-chemical study of the reaction mechanisms of acetylene in superbasic media. Noncatalytic vinylation of methanol. Journal of Structural Chemistry, 2007, 48, S94-S99.	1.0	4
14	Methanol interaction with potassium and rubidium hydroxides in dimethyl sulfoxide. Journal of Structural Chemistry, 2011, 52, 652-658.	1.0	4
15	Quantum-chemical study of regioselectivity and stereoselectivity of methanol vinylation with substituted acetylenes in a KOH/DMSO superbasic medium. Doklady Chemistry, 2013, 452, 227-229.	0.9	4
16	Quantum-chemical study of the stereoselectivity of methanethiol nucleophilic addition to substituted acetylenes in KOH/DMSO superbasic medium. Doklady Chemistry, 2014, 456, 91-93.	0.9	4
17	An ab initio quantum chemical study of reaction mechanisms in the C2H2/CH3OH/KOH/DMSO system. Journal of Structural Chemistry, 2010, 51, 428-436.	1.0	3
18	Sulfur Versus Oxygen in Interaction with the Double Bond: AB Initio Study of Electronic Structure and Prototropic Rearrangement of 1-Methoxy-2-propene and 1-Methylthio-2-propene. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2931-2940.	1.6	2

#	Article	IF	Citations
19	Theoretical evaluation of some interactions in the system of acetylene-alkali metal hydroxide-DMSO. Journal of Structural Chemistry, 2009, 50, 18-26.	1.0	2
20	Ab initio Study of the Reaction of Pyrrole Anions with Carbon Disulfide. Journal of Structural Chemistry, 2001, 42, 536-543.	1.0	1
21	A theoretical study of ethynylation of formaldehyde with acetylene in the KOH-DMSO system. Doklady Chemistry, 2011, 439, 181-182.	0.9	1
22	Formation mechanism and conformational structure of 2,3,4-trimethyl-1,5-di(thiophen-2-yl)pentane-1,5-dione: quantum chemical study. Russian Chemical Bulletin, 2016, 65, 394-400.	1.5	1