

# Ol'ga A Luzina

## List of Publications by Year in descending order

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52  
papers

882  
citations

516215

16  
h-index

500791

28  
g-index

52  
all docs

52  
docs citations

52  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Usnic acid and its derivatives for pharmaceutical use: a patent review (2000–2017). <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 477-491.	2.4	71
2	Anti-viral activity of (–)- and (+)-usnic acids and their derivatives against influenza virus A(H1N1)2009. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7060-7064.	1.0	69
3	Tyrosyl-DNA Phosphodiesterase 1 Inhibitors: Usnic Acid Enamines Enhance the Cytotoxic Effect of Camptothecin. <i>Journal of Natural Products</i> , 2016, 79, 2961-2967.	1.5	65
4	Novel tyrosyl-DNA phosphodiesterase 1 inhibitors enhance the therapeutic impact of topotecan on in vivo tumor models. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 581-593.	2.6	52
5	Synthesis and activity of (+)-usnic acid and (–)-usnic acid derivatives containing 1,3-thiazole cycle against <i>Mycobacterium tuberculosis</i> . <i>Medicinal Chemistry Research</i> , 2015, 24, 2926-2938.	1.1	45
6	Biological activity of usnic acid and its derivatives: Part 2. effects on higher organisms. Molecular and physicochemical aspects. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 249-268.	0.3	43
7	Novel derivatives of usnic acid effectively inhibiting reproduction of influenza A virus. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6826-6836.	1.4	41
8	Biological activity of usnic acid and its derivatives: Part 1. Activity against unicellular organisms. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 115-132.	0.3	37
9	New Hydrazinothiazole Derivatives of Usnic Acid as Potent Tdp1 Inhibitors. <i>Molecules</i> , 2019, 24, 3711.	1.7	34
10	Mechanism of action of an old antibiotic revisited: Role of calcium ions in protonophoric activity of usnic acid. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 310-316.	0.5	29
11	Usnic acid: preparation, structure, properties and chemical transformations. <i>Russian Chemical Reviews</i> , 2012, 81, 747-768.	2.5	27
12	Synthesis and evaluation of aryliden- and hetarylidenfuranone derivatives of usnic acid as highly potent Tdp1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4470-4480.	1.4	26
13	Synthesis and evaluation of camphor and cytosine-based cyanopyrrolidines as DPP-IV inhibitors for the treatment of type 2 diabetes mellitus. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4402-4409.	1.4	23
14	Mechanisms of photoinduced electron transfer reactions of lappaconitine with aromatic amino acids. Time-resolved CIDNP study. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 881.	1.5	21
15	Usnic Acid Conjugates with Monoterpenoids as Potent Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. <i>Journal of Natural Products</i> , 2020, 83, 2320-2329.	1.5	21
16	Synthesis of aurones based on usnic acid. <i>Chemistry of Natural Compounds</i> , 2012, 48, 385-391.	0.2	16
17	Synthesis and Biological Activity of Usnic Acid Enamine Derivatives. <i>Chemistry of Natural Compounds</i> , 2015, 51, 646-651.	0.2	16
18	Usnic acid derivatives are effective inhibitors of tyrosyl-DNA phosphodiesterase 1. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 84-90.	0.3	16

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19	Antimetastatic Activity of Combined Topotecan and Tyrosyl-DNA Phosphodiesterase-1 Inhibitor on Modeled Lewis Lung Carcinoma. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 166, 661-666.	0.3	16
20	New Hybrid Compounds Combining Fragments of Usnic Acid and Monoterpenoids for Effective Tyrosyl-DNA Phosphodiesterase 1 Inhibition. <i>Biomolecules</i> , 2021, 11, 973.	1.8	16
21	One-electron transfer product of quinone addition to carotenoids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 141, 117-126.	2.0	15
22	New Hybrid Compounds Combining Fragments of Usnic Acid and Thioether Are Inhibitors of Human Enzymes TDP1, TDP2 and PARP1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11336.	1.8	14
23	Inhibitory Effect of New Semisynthetic Usnic Acid Derivatives on Human Tyrosyl-DNA Phosphodiesterase 1. <i>Planta Medica</i> , 2019, 85, 103-111.	0.7	13
24	The First Berberine-Based Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 (Tdp1), an Important DNA Repair Enzyme. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7162.	1.8	13
25	Chemical modification of usnic acid 2. Reactions of (+)-usnic acid with amino acids. <i>Russian Chemical Bulletin</i> , 2007, 56, 1249-1251.	0.4	12
26	Effects of fluorine-containing usnic acid and fungus <i>Beauveria bassiana</i> on the survival and immune physiological reactions of Colorado potato beetle larvae. <i>Pest Management Science</i> , 2018, 74, 598-606.	1.7	12
27	Amino-derivatives of usnic acid. <i>Chemistry of Natural Compounds</i> , 2009, 45, 800-804.	0.2	11
28	Chemical modification of usnic acid: III.* Reaction of (+)-usnic acid with substituted phenylhydrazines. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 1783-1789.	0.3	11
29	Influence of Usnic Acid and its Derivatives on the Activity of Mammalian Poly(ADP-ribose)polymerase 1 and DNA Polymerase $\beta$ . <i>Medicinal Chemistry</i> , 2012, 8, 883-893.	0.7	10
30	Exploring bulky natural and natural-like periphery in the design of p-(benzyloxy)phenylpropionic acid agonists of free fatty acid receptor 1 (GPR40). <i>Bioorganic Chemistry</i> , 2020, 99, 103830.	2.0	10
31	Synthesis, hypolipidemic and antifungal activity of tetrahydroberberubine sulfonates. <i>Russian Chemical Bulletin</i> , 2019, 68, 1052-1060.	0.4	8
32	Secondary metabolites of the lichen <i>Cladonia stellaris</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 392-395.	0.2	7
33	Synthesis, antiulcerative, and anti-inflammatory activities of new campholenic derivatives-1,3-thiazolidin-4-ones, 1,3-thiazolidine-2,4-diones, and 1,3-thiazinan-4-ones. <i>Chemical Papers</i> , 2021, 75, 5503-5514.	1.0	7
34	Synthesis of Sulfides Based on (+)-Usnic Acid. <i>Chemistry of Natural Compounds</i> , 2014, 50, 266-271.	0.2	6
35	Discovery of Novel Sultone Fused Berberine Derivatives as Promising Tdp1 Inhibitors. <i>Molecules</i> , 2021, 26, 1945.	1.7	6
36	Chemical modification of usnic acid 1. Reaction of (+)-usnic acid with perfluoroolefins. <i>Russian Chemical Bulletin</i> , 2007, 56, 1244-1248.	0.4	5

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37	Bornyl Derivatives of p-(Benzyloxy)Phenylpropionic Acid: In Vivo Evaluation of Antidiabetic Activity. <i>Pharmaceuticals</i> , 2020, 13, 404.	1.7	5
38	Discovery of the First in Class 9-N-Berberine Derivative as Hypoglycemic Agent with Extra-Strong Action. <i>Pharmaceutics</i> , 2021, 13, 2138.	2.0	5
39	Oxidation of usnic acid. <i>Chemistry of Natural Compounds</i> , 2010, 46, 730-733.	0.2	4
40	Synthesis of chalcones derived from (+)- and (âˆš)-usnic acids. <i>Russian Chemical Bulletin</i> , 2011, 60, 2406-2411.	0.4	4
41	Reduction of (+)-usnic acid and its pyrazole derivative by sodium borohydride. <i>Chemistry of Natural Compounds</i> , 2011, 47, 203-205.	0.2	4
42	Electron transfer mediated geometrical photoisomerization of Î±,Î²-unsaturated ketones in the presence of electron donors in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 153, 77-82.	2.0	3
43	Synthesis of new (+)-usnic acid derivatives with the flavone structure. <i>Russian Chemical Bulletin</i> , 2013, 62, 212-216.	0.4	3
44	Schmidt reaction of usnic acid. <i>Chemistry of Natural Compounds</i> , 2009, 45, 251-252.	0.2	2
45	Reaction of (+)-usnic acid and several of its derivatives with diazomethane. <i>Chemistry of Natural Compounds</i> , 2011, 47, 708-712.	0.2	2
46	Synthesis and cytotoxic activity of usnic acid cyanoethyl derivatives. <i>Russian Chemical Bulletin</i> , 2016, 65, 566-569.	0.4	2
47	Triterpenic Acid Amides as a Promising Agent for Treatment of Metabolic Syndrome. <i>Scientia Pharmaceutica</i> , 2021, 89, 4.	0.7	2
48	Photochemical Rearrangement of 3,3,6-Trimethyl-1,5-heptadien-4-one. <i>Russian Journal of Organic Chemistry</i> , 2001, 37, 740-741.	0.3	1
49	Synthesis of Sulfones and Sulfoxides Based on (+)-usnic Acid. <i>Chemistry of Natural Compounds</i> , 2018, 54, 46-49.	0.2	1
50	Synthesis of ethers of (+)-usnic acid pyrazole derivatives. <i>Chemistry of Natural Compounds</i> , 2012, 48, 379-384.	0.2	0
51	New Dibenzofuran Compounds Obtained by Dihydrinousnic Acid Hydrogenation. <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	0
52	New Heterocyclic Derivatives of Usnic Acid. <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	0