

# Alexander O Berestetskiy

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pathogenicity and Lipid Composition of Mycelium of the Fungus <i>Stagonospora cirsi</i> VIZR 1.41 during Submerged Cultivation. <i>Applied Biochemistry and Microbiology</i> , 2021, 57, 226-235.	0.3	2
2	The <i>Metarhizium anisopliae</i> Toxin, Destruxin A, Interacts with the SEC23A and TEME214 Proteins of <i>Bombyx mori</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 460.	1.5	10
3	The Chemical Ecology Approach to Reveal Fungal Metabolites for Arthropod Pest Management. <i>Microorganisms</i> , 2021, 9, 1379.	1.6	15
4	Destruxin A Interacts with Aminoacyl tRNA Synthases in <i>Bombyx mori</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 460.	1.5	10
5	Entomotoxic Activity of the Extracts from the Fungus, <i>Alternaria tenuissima</i> and Its Major Metabolite, Tenuazonic Acid. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 774.	1.5	8
6	Development of Mycoherbicides. , 2021, , 629-640.		5
7	Structure-Activity Relationship of Phytotoxic Natural 10-Membered Lactones and Their Semisynthetic Derivatives. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 829.	1.5	6
8	Isolation and Bioactivity of Secondary Metabolites from Solid Culture of the Fungus, <i>Alternaria sonchi</i> . <i>Biomolecules</i> , 2020, 10, 81.	1.8	23
9	Analysis and Isolation of Secondary Metabolites of <i>Bipolaris sorokiniana</i> by Different Chromatography Techniques and the Spectrum of Their Biological Activity. <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 569-582.	0.3	5
10	Effect of Adjuvants on Herbicidal Activity and Selectivity of Three Phytotoxins Produced by the Fungus, <i>Stagonospora cirsi</i> . <i>Plants</i> , 2020, 9, 1621.	1.6	11
11	Fungi of the Genera <i>Alternaria</i> as Producers of Biological Active Compounds and Mycoherbicides. <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 256-272.	0.3	18
12	Wintering ability of <i>Calophoma complanata</i> under the conditions of Saint Petersburg area. <i>BIO Web of Conferences</i> , 2020, 18, 00027.	0.1	2
13	Effects of Substrate and Cultivation Duration on the Productivity, Biological Activity, and Chromatography Profiles of Extracts Obtained from <i>Stagonospora cirsi</i> S-47. <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 78-90.	0.3	1
14	The influence of the carbohydrate levels on viability of <i>Stagonospora cirsi</i> drying mycelium. <i>BIO Web of Conferences</i> , 2020, 18, 00028.	0.1	3
15	Stagonolides J and K and Stagochromene A, Two New Natural Substituted Nonenolides and a New Disubstituted Chromene-4,5-dione Isolated from <i>Stagonospora cirsi</i> S-47 Proposed for the Biocontrol of <i>Sonchus arvensis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13040-13050.	2.4	17
16	Pathogenicity and Lipid Composition of Mycelium of the Fungus <i>Stagonospora cirsi</i> VIZR 1.41 Produced on Liquid Media with Different Nitrogen Sources. <i>Applied Biochemistry and Microbiology</i> , 2019, 55, 556-562.	0.3	4
17	Metabolite Profiles and Biological Activity of Extracts from <i>Alternaria sonchi</i> S-102 Culture Grown by Different Fermentation Methods. <i>Applied Biochemistry and Microbiology</i> , 2019, 55, 284-293.	0.3	5
18	On the metabolites produced by <i>Colletotrichum gloeosporioides</i> a fungus proposed for the <i>Ambrosia artemisiifolia</i> biocontrol; spectroscopic data and absolute configuration assignment of colletochlorin A. <i>Natural Product Research</i> , 2018, 32, 1537-1547.	1.0	13

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19	Curvulin and Phaeosphaeride A from <i>Paraphoma</i> sp. VZR 1.46 Isolated from <i>Cirsium arvense</i> as Potential Herbicides. <i>Molecules</i> , 2018, 23, 2795.	1.7	16
20	Synthesis and Biological Evaluation of Phaeosphaeride A Derivatives as Antitumor Agents. <i>Molecules</i> , 2018, 23, 3043.	1.7	8
21	Spectrum of Biological Activity of the <i>Alternaria</i> Fungi Isolated from the Phyllosphere of Herbaceous Plants. <i>Microbiology</i> , 2018, 87, 806-816.	0.5	5
22	Comparative Analysis of the Biological Activity and Chromatographic Profiles of the Extracts of <i>Beauveria bassiana</i> and <i>B. pseudobassiana</i> Cultures Grown on Different Nutrient Substrates. <i>Microbiology</i> , 2018, 87, 200-214.	0.5	7
23	Synthesis of 7-(4-methylphenyl)thiomethyl and 7-morpholylmethyl derivatives of natural phaeosphaeride A and their cytotoxic activity. <i>Mendeleev Communications</i> , 2017, 27, 82-84.	0.6	8
24	Chenopodolans E and F, two new furopyrans produced by <i>Phoma chenopodiicola</i> and absolute configuration determination of chenopodolan B. <i>Tetrahedron</i> , 2016, 72, 8502-8507.	1.0	10
25	Saponaroxins A-C, a new 19-oxa-tricyclohenicosatetraenone and, a new dioxacyclopropacycloundecene-10-carbaldehyde and its 6,7-dihydro derivative, produced by <i>Alternaria saponariae</i> , a pathogen of a medicinal plant <i>Saponaria officinalis</i> . <i>Tetrahedron Letters</i> , 2016, 57, 1702-1705.	0.7	3
26	Biological evaluation and determination of the absolute configuration of chloromonilicin, a strong antimicrobial metabolite isolated from <i>Alternaria sonchi</i> . <i>Journal of Antibiotics</i> , 2016, 69, 9-14.	1.0	10
27	Crystal structure of natural phaeosphaeride A. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o625-o626.	0.2	8
28	Alternethanoxins E, Further Polycyclic Ethanones Produced by <i>Alternaria sonchi</i> , a Potential Mycoherbicide for <i>Sonchus arvensis</i> Biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1196-1199.	2.4	14
29	Synthesis of natural phaeosphaeride A derivatives and an in vitro evaluation of their anti-cancer potential. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5566-5569.	1.0	16
30	Chenopodolans C: Phytotoxic furopyrans produced by <i>Phoma chenopodiicola</i> , a fungal pathogen of <i>Chenopodium album</i> . <i>Phytochemistry</i> , 2013, 96, 208-213.	1.4	34
31	Agropyrenol and agropyrenal, phytotoxins from <i>Ascochyta agropyrina</i> var. <i>nana</i> , a fungal pathogen of <i>Elytrigia repens</i> . <i>Phytochemistry</i> , 2012, 79, 102-108.	1.4	27
32	Phomachalasin D, 26-oxa[16] and [15]cytochalasins produced by <i>Phoma exigua</i> var. <i>exigua</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Tetrahedron</i> , 2011, 67, 1557-1563.	1.0	11
33	Evaluation of the anticancer activities of two fungal polycyclic ethanones, alternethanoxins A and B, and two of their derivatives. <i>International Journal of Oncology</i> , 2011, 38, 227-32.	3.9	3
34	Alternethanoxins A and B, Polycyclic Ethanones Produced by <i>Alternaria sonchi</i> , Potential Mycoherbicides for <i>Sonchus arvensis</i> Biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6656-6660.	2.4	40
35	Papyracillic Acid, a Phytotoxic 1,6-Dioxaspiro[4,4]nonene Produced by <i>Ascochyta agropyrina</i> Var. <i>nana</i> , a Potential Mycoherbicide for <i>Elytrigia repens</i> Biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11168-11173.	2.4	24
36	Nonenolides and cytochalasins with phytotoxic activity against <i>Cirsium arvense</i> and <i>Sonchus arvensis</i> : A structure-activity relationships study. <i>Phytochemistry</i> , 2008, 69, 953-960.	1.4	46

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37	Stagonolides Gâ~I and Modiolide A, Nonenolides Produced by <i>Stagonospora cirsii</i>, a Potential Mycoherbicide for <i>Cirsium arvense</i>. Journal of Natural Products, 2008, 71, 1897-1901.	1.5	68
38	Stagonolides Bâ~F, Nonenolides Produced by <i>Stagonospora cirsii</i>, a Potential Mycoherbicide of <i>Cirsium arvense</i>. Journal of Natural Products, 2008, 71, 31-34.	1.5	85
39	Production of Phytotoxins by Phoma exiguavar.exigua, a Potential Mycoherbicide against Perennial Thistles. Journal of Agricultural and Food Chemistry, 2008, 56, 6304-6309.	2.4	53
40	Herbicidal Potential of Stagonolide, a New Phytotoxic Nonenolide from Stagonospora cirsii. Journal of Agricultural and Food Chemistry, 2007, 55, 7707-7711.	2.4	73
41	Relation between In Vitro production of ascosonchine and virulence of strains of the potential mycoherbicide Ascochyta sonchi: a method for its quantification in complex samples. Phytochemical Analysis, 2006, 17, 357-364.	1.2	10
42	Production and Stabilization of Mycoherbicides. , 0, , .		6