

# Vyacheslav Dushenkov

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

7,209  
citations

236612

25  
h-index

329751

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation: A Novel Strategy for the Removal of Toxic Metals from the Environment Using Plants. <i>Nature Biotechnology</i> , 1995, 13, 468-474.	9.4	1,486
2	Phytoextraction: The Use of Plants To Remove Heavy Metals from Soils. <i>Environmental Science &amp; Technology</i> , 1995, 29, 1232-1238.	4.6	1,191
3	Enhanced Accumulation of Pb in Indian Mustard by Soil-Applied Chelating Agents. <i>Environmental Science &amp; Technology</i> , 1997, 31, 860-865.	4.6	1,067
4	Rhizofiltration: The Use of Plants to Remove Heavy Metals from Aqueous Streams. <i>Environmental Science &amp; Technology</i> , 1995, 29, 1239-1245.	4.6	666
5	Bioconcentration of heavy metals by plants. <i>Current Opinion in Biotechnology</i> , 1994, 5, 285-290.	3.3	487
6	Use of plant roots for phytoremediation and molecular farming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5973-5977.	3.3	233
7	Removal of Uranium from Water Using Terrestrial Plants. <i>Environmental Science &amp; Technology</i> , 1997, 31, 3468-3474.	4.6	223
8	Modulation of Inflammatory Genes by Natural Dietary Bioactive Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4467-4477.	2.4	223
9	The Composition of Hemp Seed Oil and Its Potential as an Important Source of Nutrition. <i>Journal of Nutraceuticals, Functional and Medical Foods</i> , 2000, 2, 35-53.	0.5	196
10	Metal Accumulation by Aquacultured Seedlings of Indian Mustard. <i>Environmental Science &amp; Technology</i> , 1997, 31, 1636-1644.	4.6	187
11	Trends in phytoremediation of radionuclides. <i>Plant and Soil</i> , 2003, 249, 167-175.	1.8	183
12	Isolation and syntheses of polymethoxyflavones and hydroxylated polymethoxyflavones as inhibitors of HL-60 cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3381-3389.	1.4	150
13	Phytoremediation of Radiocesium-Contaminated Soil in the Vicinity of Chernobyl, Ukraine. <i>Environmental Science &amp; Technology</i> , 1999, 33, 469-475.	4.6	122
14	Anti-inflammatory and antitumor promotional effects of a novel urinary metabolite, 3',4'-didemethylnobiletin, derived from nobiletin. <i>Carcinogenesis</i> , 2008, 29, 2415-2424.	1.3	80
15	Polymethoxylated flavones induce Ca <sup>2+</sup> -mediated apoptosis in breast cancer cells. <i>Life Sciences</i> , 2006, 80, 245-253.	2.0	79
16	Apoptosis-inducing activity of hydroxylated polymethoxyflavones and polymethoxyflavones from orange peel in human breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 1478-1484.	1.5	68
17	Anti-obesity effects of epigallocatechin-3-gallate, orange peel extract, black tea extract, caffeine and their combinations in a mouse model. <i>Journal of Functional Foods</i> , 2009, 1, 304-310.	1.6	64
18	Inhibitory effects of black tea theaflavin derivatives on 12-O-tetradecanoylphorbol-13-acetate-induced inflammation and arachidonic acid metabolism in mouse ears. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 115-122.	1.5	63

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19	5-Hydroxy-3,6,7,8,3,4-trihydroxyhexamethoxyflavone Induces Apoptosis through Reactive Oxygen Species Production, Growth Arrest and DNA Damage-Inducible Gene 153 Expression, and Caspase Activation in Human Leukemia Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5081-5091.	2.4	63
20	Antitumor activity of 3,5,4-trimethoxystilbene in COLO 205 cells and xenografts in SCID mice. <i>Molecular Carcinogenesis</i> , 2008, 47, 184-196.	1.3	58
21	Novel acetylated flavonoid glycosides from the leaves of <i>Allium ursinum</i> . <i>Food Chemistry</i> , 2009, 115, 592-595.	4.2	56
22	Phenolics, inflammation and nutrigenomics. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 2503-2509.	1.7	45
23	Optimizing Phytoremediation of Heavy Metal-Contaminated Soil by Exploiting Plants' Stress Adaptation. <i>International Journal of Phytoremediation</i> , 2003, 5, 13-23.	1.7	33
24	Bioengineering of a Phytoremediation Plant by Means of Somatic Hybridization. <i>International Journal of Phytoremediation</i> , 2002, 4, 117-126.	1.7	29
25	Polymethoxyflavones Activate Ca <sup>2+</sup> -Dependent Apoptotic Targets in Adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5771-5776.	2.4	29
26	Phytoremediation: a novel approach to an old problem. <i>Studies in Environmental Science</i> , 1997, , 563-572.	0.0	23
27	Phytoremediation of lead-contaminated soil at a New Jersey Brownfield site. , 1999, 9, 93-101.		22
28	Metabolomic differences between invasive alien plants from native and invaded habitats. <i>Scientific Reports</i> , 2020, 10, 9749.	1.6	16
29	Striking the balance: Challenges and perspectives for the protected areas network in northeastern European Russia. <i>Ambio</i> , 2015, 44, 473-490.	2.8	15
30	New strategy for the search of natural biologically active substances. <i>Russian Journal of Plant Physiology</i> , 2008, 55, 564-567.	0.5	13
31	Polymethoxyflavones: Chemistry, Biological Activity, and Occurrence in Orange Peel. <i>ACS Symposium Series</i> , 2008, , 191-210.	0.5	8
32	Rapid, field-deployable method for collecting and preserving plant metabolome for biochemical and functional characterization. <i>PLoS ONE</i> , 2018, 13, e0203569.	1.1	7
33	The Pedagogical Value of Mobile Devices and Content-Specific Application Software in the A&P Laboratory. <i>HAPS Educator</i> , 2016, 20, 97-103.	0.4	7
34	New functionally-enhanced soy proteins as food ingredients with anti-viral activity. <i>VirusDisease</i> , 2015, 26, 123-132.	1.0	6
35	COMPARATIVE CHARACTERISTICS OF ANTIBACTERIAL ACTIVITY OF PLANTS GROWING IN THE CENTRAL PART OF THE REPUBLIC OF TAJIKISTAN. <i>Avicenna Bulletin</i> , 2019, 21, 643-654.	0.0	4
36	Polymethoxyflavones: Metabolite Identification and Pathway. <i>ACS Symposium Series</i> , 2008, , 216-232.	0.5	3

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37	Biological Olympiads in the USSR. American Biology Teacher, 1993, 55, 399-404.	0.1	2
38	Bioavailability of Polymethoxyflavones. ACS Symposium Series, 2008, , 233-245.	0.5	2
39	Isolation and Purification of Polymethoxyflavones as Substrates for Efficacy Studies. ACS Symposium Series, 2008, , 211-215.	0.5	0
40	Impact on Epigenetics in Cancer Chemoprevention by Natural Dietary Compounds. Special Publication - Royal Society of Chemistry, 2013, , 243-250.	0.0	0