

Vasil Georgiev Georgiev

List of Publications by Year in descending order

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58
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304602

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docs citations

61
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2224
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#	ARTICLE	IF	CITATIONS
1	GC-MS-Based Metabolite Profiling of Wild and In Vitro Growing Plants of <i>Satureja Montana</i> L.. <i>Comptes Rendus De L'Academie Bulgare Des Sciences</i> , 2022, 75, 150-158.	0.1	0
2	Recent applications of plant cell culture technology in cosmetics and foods. <i>Engineering in Life Sciences</i> , 2021, 21, 68-76.	2.0	47
3	Bioreactor Technology for In Vitro Berry Plant Cultivation. <i>Reference Series in Phytochemistry</i> , 2021, , 383-431.	0.2	3
4	Recent Progress in <i>Amaryllidaceae</i> Biotechnology. <i>Molecules</i> , 2020, 25, 4670.	1.7	6
5	Optimization of polyphenols extraction process with antioxidant properties from wild <i>Vaccinium myrtillus</i> L. (bilberry) and <i>Vaccinium vitis-idaea</i> L. (lingonberry) leaves. <i>Food Science and Applied Biotechnology</i> , 2020, 3, 149.	0.2	3
6	Bioreactor Technology for In Vitro Berry Plant Cultivation. <i>Reference Series in Phytochemistry</i> , 2020, , 1-49.	0.2	1
7	In situ galanthamine extraction during the cultivation of <i>Leucojum aestivum</i> L. shoot culture in two-phase bubble column cultivation system. <i>Engineering in Life Sciences</i> , 2019, 19, 1000-1005.	2.0	4
8	Application of bioreactor technology in plant propagation and secondary metabolite production. <i>Journal of Central European Agriculture</i> , 2019, 20, 321-340.	0.3	14
9	Chemical Composition, In Vitro Antioxidant Potential, and Antimicrobial Activities of Essential Oils and Hydrosols from Native American Muscadine Grapes. <i>Molecules</i> , 2019, 24, 3355.	1.7	13
10	Polyphenols profiles and antioxidant activities of extracts from <i>Capsicum chinense</i> in vitro plants and callus cultures. <i>Food Science and Applied Biotechnology</i> , 2019, 2, 30.	0.2	10
11	Production of fumaric acid from <i>Fumaria</i> sp. plant in vitro systems. <i>Food Science and Applied Biotechnology</i> , 2019, 2, 62.	0.2	1
12	Plant cell culture as emerging technology for production of active cosmetic ingredients. <i>Engineering in Life Sciences</i> , 2018, 18, 779-798.	2.0	74
13	ISOLATION, IDENTIFICATION AND ANTIBIOTIC SUSCEPTIBILITY OF <i>CURTOBACTERIUM FLACCUMFACIENS</i> STRAIN PM_YT FROM SEA DAFFODIL (<i>PANCRATIUM MARITIMUM</i> L.) SHOOT CULTURES. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2018, 7, 623-627.	0.4	4
14	Phytochemical composition, biological activity and genetic variability of red and yellow muscadine cell lines in bioreactor cultivation. <i>Acta Horticulturae</i> , 2017, , 65-72.	0.1	0
15	Molecular cloning and sequence analysis of dihydroflavonol 4-reductase gene from North American native grapes (<i>Vitis rotundifolia</i>). <i>Acta Horticulturae</i> , 2017, , 301-308.	0.1	0
16	<i>Salvia</i> Biotechnology. , 2017, , .		7
17	Hairy Roots of <i>Salvia</i> Species for Bioactive Substances Production. , 2017, , 271-289.		1
18	Genetic Engineering and Manipulation of Metabolite Pathways in <i>Salvia</i> Spp.. , 2017, , 399-414.		2

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19	Dietary Supplements/Nutraceuticals Made from Grapes and Wines. , 2016, , 201-227.		7
20	Protopine Production by Fumaria Cell Suspension Cultures: Effect of Light. Applied Biochemistry and Biotechnology, 2015, 176, 287-300.	1.4	15
21	Temporary immersion systems for Amaryllidaceae alkaloids biosynthesis by <i>Pancreaticum maritimum</i> L. shoot culture. Journal of Plant Biochemistry and Biotechnology, 2014, 23, 389-398.	0.9	13
22	Sage in vitro cultures: a promising tool for the production of bioactive terpenes and phenolic substances. Biotechnology Letters, 2014, 36, 211-221.	1.1	40
23	Galanthamine biosynthesis in plant in vitro systems. Engineering in Life Sciences, 2014, 14, 643-650.	2.0	30
24	Temporary immersion systems in plant biotechnology. Engineering in Life Sciences, 2014, 14, 607-621.	2.0	121
25	Recent Advances and Uses of Grape Flavonoids as Nutraceuticals. Nutrients, 2014, 6, 391-415.	1.7	355
26	Bioprocessing of differentiated plant in vitro systems. Engineering in Life Sciences, 2013, 13, 26-38.	2.0	112
27	Plant In Vitro Systems as Sources of Tropane Alkaloids. , 2013, , 173-211.		8
28	Elicitation of galanthamine biosynthesis by <i>Leucojum aestivum</i> liquid shoot cultures. Journal of Plant Physiology, 2013, 170, 1122-1129.	1.6	28
29	Chemical Compositions of Essential Oils from Leaves and Flowers of <i>Salvia ringens</i> Sibth. et Sm. Growing Wild in Bulgaria. Journal of Essential Oil-bearing Plants: JEOP, 2013, 16, 624-629.	0.7	7
30	Bioreactors for the Cultivation of Red Beet Hairy Roots. , 2013, , 251-281.		6
31	Manipulation and Engineering of Metabolic and Biosynthetic Pathway of Plant Polyphenols. Current Pharmaceutical Design, 2013, 19, 6186-6206.	0.9	25
32	Chemical Composition of Essential Oil of <i>Salvia scabiosifolia</i> Lam. from Bulgaria. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 908-914.	0.7	3
33	Alkaloid patterns in <i>Leucojum aestivum</i> shoot culture cultivated at temporary immersion conditions. Journal of Plant Physiology, 2012, 169, 206-211.	1.6	33
34	Galanthamine production by <i>Leucojum aestivum</i> shoot culture in a modified bubble column bioreactor with internal sections. Engineering in Life Sciences, 2012, 12, 534-543.	2.0	37
35	Triterpenes Production by Rhizogenic Callus of <i>Salvia Scabiosifolia</i> Lam. Obtained via <i>Agrobacterium Rhizogenes</i> Mediated Genetic Transformation. Biotechnology and Biotechnological Equipment, 2011, 25, 30-33.	0.5	10
36	Production of Oleanolic and Ursolic Acids by Callus Cultures of <i>Salvia Tomentosa</i> Mill.. Biotechnology and Biotechnological Equipment, 2011, 25, 34-38.	0.5	17

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37	Two-phase temporary immersion system for <i>Agrobacterium rhizogenes</i> genetic transformation of sage (<i>Salvia tomentosa</i> Mill.). <i>Biotechnology Letters</i> , 2011, 33, 1873-1878.	1.1	36
38	Phytochemical and flow cytometric analyses of Devilâ€™s claw cell cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 105, 79-84.	1.2	20
39	Galanthamine and Related Alkaloids Production by <i>Leucojum aestivum</i> L. Shoot Culture using a Temporary Immersion Technology. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 268-277.	1.4	49
40	Alkaloids biosynthesis by <i>Pancreatum maritimum</i> L. shoots in liquid culture. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 927-933.	1.0	33
41	Obtaining and Selection of <i>Pancreatum Maritimum</i> L. <i>In Vitro</i> Cultures with Acetylcholinesterase Inhibitory Action. <i>Biotechnology and Biotechnological Equipment</i> , 2010, 24, 149-154.	0.5	7
42	Ploidy levels in <i>Beta vulgaris</i> (red beet) plant organs and <i>in vitro</i> systems. <i>Engineering in Life Sciences</i> , 2010, 10, 139-147.	2.0	13
43	Volatile metabolic profiles of cell suspension cultures of <i>Lavandula vera</i> , <i>Nicotiana tabacum</i> and <i>Helianthus annuus</i> , cultivated under different regimes. <i>Engineering in Life Sciences</i> , 2010, 10, 148-157.	2.0	4
44	Antioxidant Activity and Phenolic Content of Betalain Extracts from Intact Plants and Hairy Root Cultures of the Red Beetroot <i>Beta vulgaris</i> cv. Detroit Dark Red. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 105-111.	1.4	292
45	Changes in apolar metabolites during <i>in vitro</i> organogenesis of <i>Pancreatum maritimum</i> . <i>Plant Physiology and Biochemistry</i> , 2010, 48, 827-835.	2.8	23
46	Alkaloid Synthesis and Accumulation in <i>Leucojum Aestivum</i> <i>In Vitro</i> Cultures. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.2	13
47	Optimized Nutrient Medium for Galanthamine Production in <i>Leucojum aestivum</i> L. <i>in vitro</i> Shoot System. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 219-224.	0.6	29
48	Improved procedure for nucleus extraction for DNA measurements by flow cytometry of red beet (<i>Beta vulgaris</i> L.) hairy roots. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 439-441.	1.1	6
49	Nutrient medium optimization for hyoscyamine production in diploid and tetraploid <i>Datura stramonium</i> L. hairy root cultures. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 2239-2245.	1.7	7
50	Alkaloid synthesis and accumulation in <i>Leucojum aestivum</i> <i>in vitro</i> cultures. <i>Natural Product Communications</i> , 2009, 4, 359-64.	0.2	19
51	Betalain production in plant <i>in vitro</i> systems. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 581-593.	1.0	73
52	Flow cytometric investigations of diploid and tetraploid plants and <i>in vitro</i> cultures of <i>Datura stramonium</i> and <i>Hyoscyamus niger</i> . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 931-939.	1.1	28
53	Galanthamine production by <i>Leucojum aestivum</i> <i>in vitro</i> shoot cultures. <i>Planta Medica</i> , 2008, 74, .	0.7	2
54	Galanthamine production by <i>Leucojum aestivum</i> <i>in vitro</i> systems. <i>Process Biochemistry</i> , 2007, 42, 734-739.	1.8	63

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55	Betalain biosynthesis by red beet (<i>Beta vulgaris</i> L.) hairy root culture. <i>Process Biochemistry</i> , 2005, 40, 1531-1533.	1.8	56
56	Relationship between type and age of the inoculum cultures and betalains biosynthesis by <i>Beta vulgaris</i> hairy root culture. <i>Biotechnology Letters</i> , 2003, 25, 307-309.	1.1	25
57	Biosynthesis and Radical Scavenging Activity of Betalains during the Cultivation of Red Beet (<i>Beta</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 2002, 57, 640-644.	0.6	59
58	Production of Anthocyanins in Grape Cell Cultures: A Potential Source of Raw Material for Pharmaceutical, Food, and Cosmetic Industries. , 0, , .		38