

Vilma Petrikaite

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,181
citations

361413

20
h-index

395702

33
g-index

43
all docs

43
docs citations

43
times ranked

1700
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneity of breast cancer: The importance of interaction between different tumor cell populations. <i>Life Sciences</i> , 2019, 239, 117009.	4.3	142
2	Relationship between Antioxidant and Anticancer Activity of Trihydroxyflavones. <i>Molecules</i> , 2017, 22, 2169.	3.8	102
3	Titration Calorimetry Standards and the Precision of Isothermal Titration Calorimetry Data. <i>International Journal of Molecular Sciences</i> , 2009, 10, 2752-2762.	4.1	80
4	3D Cell Culture Models as Recapitulators of the Tumor Microenvironment for the Screening of Anti-Cancer Drugs. <i>Cancers</i> , 2022, 14, 190.	3.7	75
5	Discovery and Characterization of Novel Selective Inhibitors of Carbonic Anhydrase IX. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9435-9446.	6.4	72
6	Quercetin-Based Modified Porous Silicon Nanoparticles for Enhanced Inhibition of Doxorubicin-Resistant Cancer Cells. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601009.	7.6	49
7	Chemical composition and anticancer activity of <i>Elsholtzia ciliata</i> essential oils and extracts prepared by different methods. <i>Industrial Crops and Products</i> , 2017, 107, 90-96.	5.2	48
8	A Versatile Carbonic Anhydrase IX Targeting Ligand-Functionalized Porous Silicon Nanoplatform for Dual Hypoxia Cancer Therapy and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13976-13987.	8.0	44
9	The Influence of Different Oregano Species on the Antioxidant Activity Determined Using HPLC Postcolumn DPPH Method and Anticancer Activity of Carvacrol and Rosmarinic Acid. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	41
10	Microfluidic Encapsulation of Prickly Zinc-Doped Copper Oxide Nanoparticles with VD1142 Modified Spermine Acetalated Dextran for Efficient Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601406.	7.6	38
11	Overcoming transporter-mediated multidrug resistance in cancer: failures and achievements of the last decades. <i>Drug Delivery and Translational Research</i> , 2019, 9, 379-393.	5.8	36
12	Phenolic Fractions from <i>Vaccinium vitis-idaea</i> L. and Their Antioxidant and Anticancer Activities Assessment. <i>Antioxidants</i> , 2020, 9, 1261.	5.1	36
13	Challenges towards Targeted Drug Delivery in Cancer Nanomedicines. <i>Processes</i> , 2021, 9, 1527.	2.8	36
14	Comparison of NSAIDs activity in COX-2 expressing and non-expressing 2D and 3D pancreatic cancer cell cultures. <i>Cancer Management and Research</i> , 2018, Volume 10, 1543-1551.	1.9	28
15	Investigating the Anticancer Activity of Isatin/Dihydropyrazole Hybrids. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 571-576.	2.8	28
16	Qualitative and Quantitative Analysis of Ukrainian Iris Species: A Fresh Look on Their Antioxidant Content and Biological Activities. <i>Molecules</i> , 2020, 25, 4588.	3.8	28
17	Thermodynamics of Aryl-Dihydroxyphenyl-Thiadiazole Binding to Human Hsp90. <i>PLoS ONE</i> , 2012, 7, e36899.	2.5	27
18	New ethacridine derivatives as the potential antifungal and antibacterial preparations. <i>Medicina (Lithuania)</i> , 2007, 43, 657.	2.0	25

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19	Differences of statin activity in 2D and 3D pancreatic cancer cell cultures. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 3273-3280.	4.3	25
20	Total Phenolic Content and Antimicrobial Activity of Different Lithuanian Propolis Solutions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-5.	1.2	24
21	Antioxidant and Anticancer Activity of Novel Derivatives of 3-[(4-Methoxyphenyl)amino]propanehydrazide. <i>Molecules</i> , 2020, 25, 2980.	3.8	18
22	Monoclonal antibodies raised against 167-180 aa sequence of human carbonic anhydrase XII inhibit its enzymatic activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 804-810.	5.2	15
23	The roles of carbonic anhydrases IX and XII in cancer cell adhesion, migration, invasion and metastasis. <i>Biology of the Cell</i> , 2020, 112, 383-397.	2.0	14
24	Synergistic activity of Hsp90 inhibitors and anticancer agents in pancreatic cancer cell cultures. <i>Scientific Reports</i> , 2019, 9, 16177.	3.3	13
25	Novel N-Substituted Amino Acid Hydrazone-Isoatin Derivatives: Synthesis, Antioxidant Activity, and Anticancer Activity in 2D and 3D Models In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7799.	4.1	13
26	New Monoclonal Antibodies for a Selective Detection of Membrane-Associated and Soluble Forms of Carbonic Anhydrase IX in Human Cell Lines and Biological Samples. <i>Biomolecules</i> , 2019, 9, 304.	4.0	10
27	Proton Pump Inhibitors Modulate Transport Of Doxorubicin And Its Liposomal Form Into 2D And 3D Breast Cancer Cell Cultures. <i>Cancer Management and Research</i> , 2019, Volume 11, 9761-9769.	1.9	10
28	In Search of Advanced Tumor Diagnostics and Treatment: Achievements and Perspectives of Carbonic Anhydrase IX Targeted Delivery. <i>Molecular Pharmaceutics</i> , 2020, 17, 1800-1815.	4.6	10
29	Bio-guided bioactive profiling and HPLC-DAD fingerprinting of Ukrainian saffron (<i>Crocus sativus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2021, 21, 203.	2.7	10
30	Antioxidant, Anti-Inflammatory, and Cytotoxic Activity of Extracts from Some Commercial Apple Cultivars in Two Colorectal and Glioblastoma Human Cell Lines. <i>Antioxidants</i> , 2021, 10, 1098.	5.1	9
31	The Potential of Dietary Antioxidants from a Series of Plant Extracts as Anticancer Agents against Melanoma, Glioblastoma, and Breast Cancer. <i>Antioxidants</i> , 2021, 10, 1115.	5.1	9
32	Homing Peptide-Based Targeting of Tenascin-C and Fibronectin in Endometriosis. <i>Nanomaterials</i> , 2021, 11, 3257.	4.1	9
33	Pharmacological Potential and Chemical Composition of <i>Crocus sativus</i> Leaf Extracts. <i>Molecules</i> , 2022, 27, 10.	3.8	9
34	Evaluation of low-intensity pulsed ultrasound on doxorubicin delivery in 2D and 3D cancer cell cultures. <i>Scientific Reports</i> , 2020, 10, 16161.	3.3	8
35	The Effect of Beta Adrenoreceptor Blockers on Viability and Cell Colony Formation of Non-Small Cell Lung Cancer Cell Lines A549 and H1299. <i>Molecules</i> , 2022, 27, 1938.	3.8	7
36	Exploring <i>Vaccinium vitis-idaea</i> L. as a potential source of therapeutic agents: antimicrobial, antioxidant, and anti-inflammatory activities of extracts and fractions. <i>Journal of Ethnopharmacology</i> , 2022, 292, 115207.	4.1	7

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37	Exploration of Benzenesulfonamide-Bearing Imidazole Derivatives Activity in Triple-Negative Breast Cancer and Melanoma 2D and 3D Cell Cultures. <i>Pharmaceuticals</i> , 2021, 14, 1158.	3.8	6
38	Binding of Natural and Synthetic Inhibitors to Human Heat Shock Protein 90 and Their Clinical Application. <i>Medicina (Lithuania)</i> , 2011, 47, 413.	2.0	5
39	Inhibition of Carbonic Anhydrase IX Suppresses Breast Cancer Cell Motility at the Single-Cell Level. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11571.	4.1	4
40	Application of Quality by Design Approach to the Pharmaceutical Development of Anticancer Crude Extracts of <i>Crocus sativus</i> Perianth. <i>Scientia Pharmaceutica</i> , 2022, 90, 19.	2.0	3
41	Inhibitor Binding to Hsp90: A Review of Thermodynamic, Kinetic, Enzymatic, and Cellular Assays. <i>Current Protein and Peptide Science</i> , 2014, 15, 256-282.	1.4	2
42	Synthesis and Antimicrobial Properties of Naphthylamine Derivatives Having a Thiazolidinone Moiety. <i>Medicina (Lithuania)</i> , 2011, 47, 47.	2.0	1