

# Dimitra Benaki

## List of Publications by Year in descending order

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44  
papers

629  
citations

567144

15  
h-index

642610

23  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1046  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Metabolomic Alterations Induced by COVID-19 Vaccination Reveal Putative Biomarkers Reflecting the Immune Response. <i>Cells</i> , 2022, 11, 1241.	1.8	14
2	Assessment of the Nutraceutical Effects of Oleuropein and the Cytotoxic Effects of Adriamycin, When Administered Alone and in Combination, in MG-63 Human Osteosarcoma Cells. <i>Nutrients</i> , 2021, 13, 354.	1.7	3
3	<i>Aestivation</i> motifs explain hypertension and muscle mass loss in mice with psoriatic skin barrier defect. <i>Acta Physiologica</i> , 2021, 232, e13628.	1.8	39
4	NMR metabolic profiling of Greek propolis samples: Comparative evaluation of their phytochemical compositions and investigation of their anti-ageing and antioxidant properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113814.	1.4	28
5	Exploring the metabolomic profile of cerebellum after exposure to acute stress. <i>Stress</i> , 2021, 24, 952-964.	0.8	3
6	Efficient identification of Acetylcholinesterase and Hyaluronidase inhibitors from <i>Paeonia parnassica</i> extracts through a HeteroCovariance Approach. <i>Journal of Ethnopharmacology</i> , 2020, 257, 111547.	2.0	12
7	<i>Glycyrrhiza glabra</i>-Enhanced Extract and Adriamycin Antiproliferative Effect on PC-3 Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2020, 72, 320-332.	0.9	14
8	A multi-technique analytical approach for impurity profiling during synthesis: The case of difluprednate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113483.	1.4	1
9	Malignancy Grade-Dependent Mapping of Metabolic Landscapes in Human Urothelial Bladder Cancer: Identification of Novel, Diagnostic, and Druggable Biomarkers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1892.	1.8	7
10	Effects of lifelong exercise and aging on the blood metabolic fingerprint of rats. <i>Biogerontology</i> , 2020, 21, 577-591.	2.0	8
11	Human Melanoma-Cell Metabolic Profiling: Identification of Novel Biomarkers Indicating Metastasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2436.	1.8	18
12	Synthesis of New Indole and Adamantane Amido Derivatives with Pharmacological Interest. <i>ChemistrySelect</i> , 2019, 4, 8727-8730.	0.7	4
13	Silymarin Enriched Extract ( <i>Silybum marianum</i> ) Additive Effect on Doxorubicin-Mediated Cytotoxicity in PC-3 Prostate Cancer Cells. <i>Planta Medica</i> , 2019, 85, 997-1007.	0.7	12
14	A pilot case-control study of urine metabolomics in preterm neonates with necrotizing enterocolitis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 10-21.	1.2	19
15	Hyperactivation of Nrf2 increases stress tolerance at the cost of aging acceleration due to metabolic deregulation. <i>Aging Cell</i> , 2019, 18, e12845.	3.0	53
16	NMR-Based Metabolic Profiling Procedures for Biofluids and Cell and Tissue Extracts. <i>Methods in Molecular Biology</i> , 2018, 1738, 117-131.	0.4	4
17	Alteration in the liver metabolome of rats with metabolic syndrome after treatment with Hydroxytyrosol. A Mass Spectrometry And Nuclear Magnetic Resonance - based metabolomics study. <i>Talanta</i> , 2018, 178, 246-257.	2.9	14
18	Hyperactivation of Nrf2 increases stress tolerance at the cost of aging acceleration due to metabolic deregulation. <i>Free Radical Biology and Medicine</i> , 2018, 128, S128.	1.3	0

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19	Oleuropein is a Powerful Sensitizer of Doxorubicin-mediated Killing of Prostate Cancer Cells and Exerts Its Action via Induction of Autophagy. <i>Journal of Cancer Research and Treatment</i> , 2018, 4, 61-68.	0.6	9
20	Urine metabolomics in neonates with late-onset sepsis in a case-control study. <i>Scientific Reports</i> , 2017, 7, 45506.	1.6	37
21	Could multivariate statistics exploit HPTLC and NMR data to reveal bioactive compounds? The case of <i>Paeonia mascula</i> . <i>Phytochemistry Letters</i> , 2017, 20, 379-385.	0.6	14
22	Design and synthesis of purine analogues as highly specific ligands for FcyB, a ubiquitous fungal nucleobase transporter. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5941-5952.	1.4	16
23	Heterocovariance Based Metabolomics as a Powerful Tool Accelerating Bioactive Natural Product Identification. <i>ChemistrySelect</i> , 2016, 1, 2531-2535.	0.7	20
24	New labeled derivatives of the neuroprotective peptide colivelin: Synthesis, characterization, and first in vitro and in vivo applications. <i>Archives of Biochemistry and Biophysics</i> , 2015, 567, 83-93.	1.4	4
25	The Natural Olive Constituent Oleuropein Induces Nutritional Cardioprotection in Normal and Cholesterol-Fed Rabbits: Comparison with Preconditioning. <i>Planta Medica</i> , 2015, 81, 655-663.	0.7	20
26	A Bombesin Copper Complex Based on a Bifunctional Cyclam Derivative. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2877-2888.	1.0	5
27	Complexes of an Alpha Thymosin Derivative with $^{185/187}\text{Re}$ and $^{99\text{m}}\text{Tc}$ : Structural Analysis and Initial Biological Evaluation. <i>Chemical Biology and Drug Design</i> , 2012, 80, 545-553.	1.5	3
28	Synthesis of 1,2-annulated adamantane heterocycles: structural determination studies of a bioactive cyclic sulfite. <i>Tetrahedron Letters</i> , 2009, 50, 2671-2675.	0.7	11
29	Detection of interactions of the $\beta$ -amyloid peptide with small molecules employing transferred NOEs. <i>Journal of Peptide Science</i> , 2009, 15, 435-441.	0.8	10
30	Nanobiotechnology for the Prevention of Dialysis-related Amyloidosis. <i>Therapeutic Apheresis and Dialysis</i> , 2009, 13, 34-41.	0.4	8
31	Structural Assessment and Biological Evaluation of Two $\text{N}^3\text{S}$ Bombesin Derivatives. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4234-4246.	2.9	18
32	In vitro binding and in vivo biodistribution studies of the neuroprotective peptide humanin using [ $^{125}\text{I}$ ]humanin derivatives. <i>Peptides</i> , 2009, 30, 2409-2417.	1.2	5
33	Photostabilization of oxolinic acid in hydroxypropyl- $\beta$ -cyclodextrins; implications for the effect of molecular self-assembly phenomena. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 289-297.	1.6	9
34	Structure-activity relationships of $\text{I}^{\pm 313-320}$ derived peptide inhibitors of human platelet aggregation. <i>Journal of Peptide Science</i> , 2008, 14, 1195-1202.	0.8	3
35	The multiple T-maze in vivo testing of the neuroprotective effect of humanin analogues. <i>Peptides</i> , 2008, 29, 1982-1987.	1.2	40
36	Utilization of nanobiotechnology in haemodialysis: mock-dialysis experiments on homocysteine. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3234-3239.	0.4	18

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37	Synthesis and structural characterization of neutral $\text{Os}^{3+}$ and $\text{Tc}^{3+}$ oxorhenium and oxotechnetium complexes of the 2-mercaptoethyl-N-glycine (SNO)/2,2'-bipyridine (NN) mixed ligand system. <i>Inorganica Chimica Acta</i> , 2007, 360, 3597-3602.	1.2	11
38	The effect of $\beta$ -cyclodextrin on tenoxicam photostability, studied by a new liquid chromatography method; the dependence on drug dimerisation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 141-146.	1.6	8
39	Solution structure of Ser14Gly-humanin, a potent rescue factor against neuronal cell death in Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 634-642.	1.0	23
40	2,2':6''-Terpyridine[hydroxypropyl- $\beta$ -cyclodextrin] 1:3 complex used as chelating agent for the determination of iron with a sensitive, selective and fast liquid chromatographic method. <i>Analytica Chimica Acta</i> , 2006, 566, 122-129.	2.6	5
41	Solution structure of humanin, a peptide against Alzheimer's disease-related neurotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 152-160.	1.0	53
42	High-yield solid-phase synthesis of humanin, an Alzheimer's disease associated 24-mer peptide, and humanin analogues. , 2005, , .		1
43	Structural Study by NMR of an Oxorhenium <sup>III</sup> RGD Decapeptide Complex for Application in Radiotherapy. <i>Inorganic Chemistry</i> , 2004, 43, 5598-5602.	1.9	8
44	High-Resolution NMR Spectroscopy of the $\beta$ -Amyloid(1-28) Fibril Typical for Alzheimer's Disease. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3603.	7.2	17