

Dimitris Beis

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

5,412
citations

304368

22
h-index

264894

42
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48
all docs

48
docs citations

48
times ranked

7363
citing authors

#	ARTICLE	IF	CITATIONS
1	An Auxin-Dependent Distal Organizer of Pattern and Polarity in the Arabidopsis Root. <i>Cell</i> , 1999, 99, 463-472.	13.5	1,233
2	The PLETHORA Genes Mediate Patterning of the Arabidopsis Root Stem Cell Niche. <i>Cell</i> , 2004, 119, 109-120.	13.5	1,022
3	Cellular and molecular analyses of vascular tube and lumen formation in zebrafish. <i>Development (Cambridge)</i> , 2005, 132, 5199-5209.	1.2	742
4	The endothelial-cell-derived secreted factor Egfl7 regulates vascular tube formation. <i>Nature</i> , 2004, 428, 754-758.	13.7	349
5	Genetic and cellular analyses of zebrafish atrioventricular cushion and valve development. <i>Development (Cambridge)</i> , 2005, 132, 4193-4204.	1.2	303
6	Formation of the digestive system in zebrafish. ii. pancreas morphogenesis. <i>Developmental Biology</i> , 2003, 261, 197-208.	0.9	265
7	Genetic and Physiologic Dissection of the Vertebrate Cardiac Conduction System. <i>PLoS Biology</i> , 2008, 6, e109.	2.6	233
8	In vivo Wnt signaling tracing through a transgenic biosensor fish reveals novel activity domains. <i>Developmental Biology</i> , 2012, 366, 327-340.	0.9	227
9	In vivo cell biology: following the zebrafish trend. <i>Trends in Cell Biology</i> , 2006, 16, 105-112.	3.6	153
10	A transgene-assisted genetic screen identifies essential regulators of vascular development in vertebrate embryos. <i>Developmental Biology</i> , 2007, 307, 29-42.	0.9	123
11	Zebrafish models of cardiovascular disease. <i>Heart Failure Reviews</i> , 2016, 21, 803-813.	1.7	97
12	Soluble Guanylyl Cyclase Activation Promotes Angiogenesis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 663-671.	1.3	75
13	Intracardiac flow dynamics regulate atrioventricular valve morphogenesis. <i>Cardiovascular Research</i> , 2014, 104, 49-60.	1.8	67
14	Anti-Melanogenic Properties of Greek Plants. A Novel Depigmenting Agent from <i>Morus alba</i> Wood. <i>Molecules</i> , 2017, 22, 514.	1.7	57
15	Three in a Box: Understanding Cardiomyocyte, Fibroblast, and Innate Immune Cell Interactions to Orchestrate Cardiac Repair Processes. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 32.	1.1	43
16	On Zebrafish Disease Models and Matters of the Heart. <i>Biomedicines</i> , 2019, 7, 15.	1.4	42
17	A switch in pdgfrb cell-derived ECM composition prevents inhibitory scarring and promotes axon regeneration in the zebrafish spinal cord. <i>Developmental Cell</i> , 2021, 56, 509-524.e9.	3.1	40
18	Pleiotrophin and its receptor protein tyrosine phosphatase beta/zeta as regulators of angiogenesis and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 252-265.	3.3	34

#	ARTICLE	IF	CITATIONS
19	TGF- β 2 Signaling Promotes Tissue Formation during Cardiac Valve Regeneration in Adult Zebrafish. <i>Developmental Cell</i> , 2020, 52, 9-20.e7.	3.1	31
20	Assessment of the Acute Toxicity, Uptake and Biotransformation Potential of Benzotriazoles in Zebrafish (<i>Danio rerio</i>) Larvae Combining HILIC- with RPLC-HRMS for High-Throughput Identification. <i>Environmental Science & Technology</i> , 2018, 52, 6023-6031.	4.6	30
21	Identification of Novel Melanin Synthesis Inhibitors From <i>Crataegus pycnoloba</i> Using an in Vivo Zebrafish Phenotypic Assay. <i>Frontiers in Pharmacology</i> , 2018, 9, 265.	1.6	27
22	G Protein-Coupled Receptor Signaling and Sphingosine-1-Phosphate Play a Phylogenetically Conserved Role in Endocrine Pancreas Morphogenesis. <i>Molecular and Cellular Biology</i> , 2011, 31, 4442-4453.	1.1	24
23	Developmental temperature has persistent, sexually dimorphic effects on zebrafish cardiac anatomy. <i>Scientific Reports</i> , 2018, 8, 8125.	1.6	23
24	A Zebrafish In Vivo Phenotypic Assay to Identify 3-Aminothiophene-2-Carboxylic Acid-Based Angiogenesis Inhibitors. <i>Assay and Drug Development Technologies</i> , 2014, 12, 527-535.	0.6	20
25	Dimerization is required for GARS-mediated neurotoxicity in dominant CMT disease. <i>Human Molecular Genetics</i> , 2016, 25, 1528-1542.	1.4	20
26	Ventricular remodeling of single-chambered <i>myh6</i> ^{+/+} adult zebrafish hearts occurs via a hyperplastic response and is accompanied by elastin deposition in the atrium. <i>Cell and Tissue Research</i> , 2019, 378, 279-288.	1.5	18
27	Reactivation of Notch signaling is required for cardiac valve regeneration. <i>Scientific Reports</i> , 2019, 9, 16059.	1.6	17
28	Catalyzing Transcriptomics Research in Cardiovascular Disease: The CardioRNA COST Action CA17129. <i>Non-coding RNA</i> , 2019, 5, 31.	1.3	14
29	The zebrafish homologs of SET/12PP2A oncoprotein: expression patterns and insights into their physiological roles during development. <i>Biochemical Journal</i> , 2016, 473, 4609-4627.	1.7	12
30	In Full Force. Mechanotransduction and Morphogenesis during Homeostasis and Tissue Regeneration. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 40.	0.8	10
31	Crocins from <i>Crocus sativus</i> L. in the Management of Hyperglycemia. In Vivo Evidence from Zebrafish. <i>Molecules</i> , 2020, 25, 5223.	1.7	10
32	Biotin-Yellow a biotin guided NIR turn-on fluorescent probe for cancer targeted diagnosis. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129807.	4.0	8
33	EuFishBioMed (COST Action BM0804): A European Network to Promote the Use of Small Fishes in Biomedical Research. <i>Zebrafish</i> , 2012, 9, 90-93.	0.5	7
34	RNAs in Brain and Heart Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3717.	1.8	5
35	Generation and Characterization of a CRISPR/Cas9-Induced 3-mst Deficient Zebrafish. <i>Biomolecules</i> , 2020, 10, 317.	1.8	5
36	From Proteomic Mapping to Invasion-Metastasis-Cascade Systemic Biomarkering and Targeted Drugging of Mutant BRAF-Dependent Human Cutaneous Melanomagenesis. <i>Cancers</i> , 2021, 13, 2024.	1.7	5

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37	Targeting of the breast cancer microenvironment with a potent and linkable oxindole based antiangiogenic small molecule. <i>Oncotarget</i> , 2017, 8, 37250-37262.	0.8	5
38	Protein tyrosine phosphatase receptor-1 deletion triggers defective heart morphogenesis in mice and zebrafish. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H8-H24.	1.5	5
39	Targeting of SET/12PP2A oncoprotein inhibits Gli1 transcription revealing a new modulator of Hedgehog signaling. <i>Scientific Reports</i> , 2021, 11, 13940.	1.6	3
40	A zebrafish forward genetic screen identifies an indispensable threonine residue in the kinase domain of PRKD2. <i>Biology Open</i> , 2021, 10, .	0.6	2
41	Insights into Heart Development and Regeneration. , 2015, , 17-30.		2
42	Synthesis and Biological Evaluation of a c(RGDyK) Peptide Conjugate of SRPIN803. <i>ACS Omega</i> , 2021, 6, 28379-28393.	1.6	1
43	Zebrafish Angiogenesis and Valve Morphogenesis: Insights from Development and Disease Models. , 2018, , 129-150.		0
44	Zebrafish research in Greece: swimming against the current. <i>International Journal of Developmental Biology</i> , 2021, , .	0.3	0