Maria P Ikonomopoulou

List of Publications by Year
in descending order

35 papers	758 citations	759233 12 h-index	526287 27 g-index
36 all docs	36 docs citations	36 times ranked	1172 citing authors

#	Article	IF	Citations
1	ERK and mTORC1 Inhibitors Enhance the Anti-Cancer Capacity of the Octpep-1 Venom-Derived Peptide in Melanoma BRAF(V600E) Mutations. Toxins, 2021, 13, 146.	3.4	7
2	Extensive Variation in the Activities of Pseudocerastes and Eristicophis Viper Venoms Suggests Divergent Envenoming Strategies Are Used for Prey Capture. Toxins, 2021, 13, 112.	3.4	10
3	LXR stimulates a metabolic switch and reveals cholesterol homeostasis as a statin target in Tasmanian devil facial tumor disease. Cell Reports, 2021, 34, 108851.	6.4	5
4	Immunological Responses to Envenomation. Frontiers in Immunology, 2021, 12, 661082.	4.8	15
5	Pharmacological Characterisation of Pseudocerastes and Eristicophis Viper Venoms Reveal Anticancer (Melanoma) Properties and a Potentially Novel Mode of Fibrinogenolysis. International Journal of Molecular Sciences, 2021, 22, 6896.	4.1	9
6	Food Implications in Central Sensitization Syndromes. Journal of Clinical Medicine, 2020, 9, 4106.	2.4	6
7	Venom of the Red-Bellied Black Snake Pseudechis porphyriacus Shows Immunosuppressive Potential. Toxins, 2020, 12, 674.	3.4	7
8	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	15
9	Identification and characterization of Cardiac Glycosides as senolytic compounds. Nature Communications, 2019, 10, 4731.	12.8	230
10	Gomesin peptides prevent proliferation and lead to the cell death of devil facial tumour disease cells. Cell Death Discovery, 2018, 4, 19.	4.7	15
11	Proteomic and functional variation within black snake venoms (Elapidae: Pseudechis). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 205, 53-61.	2.6	14
12	Immune drug discovery from venoms. Toxicon, 2018, 141, 18-24.	1.6	13
13	Gomesin inhibits melanoma growth by manipulating key signaling cascades that control cell death and proliferation. Scientific Reports, 2018, 8, 11519.	3.3	37
14	The antiproliferative and apoptotic profile of gomesin against DFTD. Cell Death and Disease, 2018, 9, 833.	6.3	3
15	Novel Human Eag Channel Antagonists from Spider Venoms. Biophysical Journal, 2017, 112, 332a.	0.5	0
16	How the Cobra Got Its Flesh-Eating Venom: Cytotoxicity as a Defensive Innovation and Its Co-Evolution with Hooding, Aposematic Marking, and Spitting. Toxins, 2017, 9, 103.	3.4	71
17	Insect-Active Toxins with Promiscuous Pharmacology from the African Theraphosid Spider Monocentropus balfouri. Toxins, 2017, 9, 155.	3.4	10
18	Molecular basis of the remarkable species selectivity of an insecticidal sodium channel toxin from the African spider Augacephalus ezendami. Scientific Reports, 2016, 6, 29538.	3.3	25

#	Article	IF	Citations
19	Isolation of two insecticidal toxins from venom of the Australian theraphosid spider Coremiocnemis tropix. Toxicon, 2016, 123, 62-70.	1.6	14
20	Spider venomics: implications for drug discovery. Future Medicinal Chemistry, 2014, 6, 1699-1714.	2.3	81
21	Accumulation of trace metals in the embryos and hatchlings of Chelonia mydas from Peninsular Malaysia incubated at different temperatures. Science of the Total Environment, 2013, 450-451, 301-306.	8.0	13
22	Caveolin-1 Is Necessary for Hepatic Oxidative Lipid Metabolism: Evidence for Crosstalk between Caveolin-1 and Bile Acid Signaling. Cell Reports, 2013, 4, 238-247.	6.4	56
23	Natural Born Insect Killers: Spider-venom Peptides and Their Potential for Managing Arthropod Pests. Outlooks on Pest Management, 2013, 24, 16-19.	0.2	7
24	An Investigation of Organochlorine and Polychlorobiphenyl Concentrations in the Blood and Eggs of the Carnivorous Flatback Turtle,Natator depressus, from Queensland, Australia. Chelonian Conservation and Biology, 2012, 11, 255-259.	0.6	3
25	Quantitative Sex Identification of Hatchling Green Sea Turtles (Chelonia mydas). Journal of Herpetology, 2012, 46, 331-337.	0.5	5
26	Trace element concentrations in nesting flatback turtles (Natator depressus) from Curtis Island, Queensland, Australia. Marine Environmental Research, 2011, 71, 10-16.	2.5	31
27	35 Gene-Environment Interactions in Crohn's Disease: Identification of a Novel SNP That Interacts Strongly With Smoking to Shorten Time to First Resection. Gastroenterology, 2010, 138, S-7.	1.3	0
28	The effect of organochlorines and heavy metals on sex steroid-binding proteins in vitro in the plasma of nesting green turtles, Chelonia mydas. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 653-662.	1.5	19
29	Sex steroid binding proteins in the plasma of hatchling Chelonia mydas. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 837-843.	1.5	1
30	Identification and properties of steroid-binding proteins in nesting Chelonia mydas plasma. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2006, 176, 775-782.	1.5	7
31	The Development of Endothermy during Pouch Life in the Eastern Barred Bandicoot (Perameles) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	3
32	Shivering and non-shivering thermogenesis in a marsupial, the eastern barred bandicoot (Perameles) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	8
33	Changes in milk composition during lactation in the eastern barred bandicoot (Perameles gunnii) (Marsupialia:Peramelidae). Australian Journal of Zoology, 2005, 53, 59.	1.0	8
34	The metabolic rate and thermal conductance of the eastern barred bandicoot (Perameles gunnii) at different ambient temperatures. Australian Journal of Zoology, 2003, 51, 603.	1.0	7
35	The structural conformation of the tachykinin domain drives the antiâ€tumoral activity of an octopus peptide in melanoma BRAF ^{V600E}. British Journal of Pharmacology, 0, , .	5.4	1