

George Theophilidis

List of Publications by Year in descending order

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32
papers

843
citations

516710

16
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

1347
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of oxaliplatin, an anticancer drug, on potassium channels of the peripheral myelinated nerve fibres of the adult rat. <i>NeuroToxicology</i> , 2008, 29, 1100-1106.	3.0	91
2	Performance evaluation of PCA-based spike sorting algorithms. <i>Computer Methods and Programs in Biomedicine</i> , 2008, 91, 232-244.	4.7	85
3	Structural and functional impairment of mitochondria in adriamycin-induced cardiomyopathy in mice: suppression of cytochrome c oxidase II gene expression. <i>Biochemical Pharmacology</i> , 1999, 57, 481-489.	4.4	69
4	Intrathecal gene therapy rescues a model of demyelinating peripheral neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2421-9.	7.1	63
5	The Cardiotoxic Action of the Pyrethroid Insecticide Deltamethrin, the Azole Fungicide Prochloraz, and Their Synergy on the Semi-Isolated Heart of the Bee <i>Apis mellifera macedonica</i> . <i>Pesticide Biochemistry and Physiology</i> , 2001, 69, 77-91.	3.6	51
6	Octopamine—A single modulator with double action on the heart of two insect species (<i>Apis mellifera</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 316-325.	2.0	44
7	COMPARISON OF TWO SCREENING BIOASSAYS, BASED ON THE FROG SCIATIC NERVE AND YEAST CELLS, FOR THE ASSESSMENT OF HERBICIDE TOXICITY. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1211.	4.3	43
8	Evaluation of the local anaesthetic activity of 3-aminobenzo[d]isothiazole derivatives using the rat sciatic nerve model. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 473-481.	5.5	43
9	Smothered to death: Hornets asphyxiated by honeybees. <i>Current Biology</i> , 2007, 17, R795-R796.	3.9	42
10	Assessing the effects of the neonicotinoid insecticide imidacloprid in the cholinergic synapses of the stellate cells of the mouse cochlear nucleus using whole-cell patch-clamp recording. <i>NeuroToxicology</i> , 2010, 31, 113-120.	3.0	39
11	The Bite of the Honeybee: 2-Heptanone Secreted from Honeybee Mandibles during a Bite Acts as a Local Anaesthetic in Insects and Mammals. <i>PLoS ONE</i> , 2012, 7, e47432.	2.5	38
12	AN IN VITRO METHOD FOR RECORDING THE ELECTRICAL ACTIVITY OF THE ISOLATED HEART OF THE ADULT <i>DROSOPHILA MELANOGASTER</i> . <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001, 37, 445.	1.5	28
13	NASS: An empirical approach to spike sorting with overlap resolution based on a hybrid noise-assisted methodology. <i>Journal of Neuroscience Methods</i> , 2010, 190, 129-142.	2.5	24
14	Assessing the Local Anesthetic Effect of Five Essential Oil Constituents. <i>Planta Medica</i> , 2010, 76, 1647-1653.	1.3	19
15	The action of 2,4-Dichlorophenoxyacetic acid on the isolated heart of insect and amphibia. <i>Environmental Toxicology and Pharmacology</i> , 2002, 11, 127-140.	4.0	18
16	A simple method for monitoring the respiratory rhythm in intact insects and assessing the neurotoxicity of insecticides. <i>Pesticide Biochemistry and Physiology</i> , 2006, 86, 211-217.	3.6	17
17	Oxaliplatin-induced neurotoxicity is mediated through gap junction channels and hemichannels and can be prevented by octanol. <i>Neuropharmacology</i> , 2015, 97, 289-305.	4.1	16
18	The action of the insecticide imidacloprid on the respiratory rhythm of an insect: the beetle <i>Tenebrio molitor</i> . <i>Neuroscience Letters</i> , 2004, 365, 205-209.	2.1	15

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19	Biphasic responses of the honeybee heart to nanomolar concentrations of amitraz. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 132-137.	3.6	14
20	Assessing the effects of the three herbicides acetochlor, 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) and 2,4-dichlorophenoxyacetic acid on the compound action potential of the sciatic nerve of the frog (<i>Rana ridibunda</i>). <i>Chemosphere</i> , 2006, 65, 1040-1048.	8.2	13
21	Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (<i>Rana</i>) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 135, 315-330.	2.6	12
22	In quest of the missing neuron: Spike sorting based on dominant-sets clustering. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 107, 28-35.	4.7	10
23	Assessing the axonal translocation of CeO ₂ and SiO ₂ nanoparticles in the sciatic nerve fibers of the frog: an <i>ex vivo</i> electrophysiological study. <i>International Journal of Nanomedicine</i> , 2015, 10, 7089.	6.7	9
24	The fate of specific motoneurons and sensory neurons of the pregenital abdominal segments in <i>Tenebrio molitor</i> (Insecta : Coleoptera) during metamorphosis. <i>Roux's Archives of Developmental Biology</i> , 1993, 202, 204-213.	1.2	7
25	Assessing the neurotoxic effects of palytoxin and ouabain, both Na ⁺ /K ⁺ -ATPase inhibitors, on the myelinated sciatic nerve fibres of the mouse: An <i>ex vivo</i> electrophysiological study. <i>Toxicol</i> , 2012, 59, 416-426.	1.6	7
26	Monitoring the gravitational reflex of the ectoparasitic mite <i>Varroa destructor</i> : A novel bioassay for assessing toxic effects of acaricides. <i>Pesticide Biochemistry and Physiology</i> , 2011, 101, 109-117.	3.6	5
27	Propagation failure of action potentials at the bifurcation point of the slow axon innervating the extensor tibiae muscle of <i>Decticus albifrons</i> (Orthoptera). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1984, 154, 431-434.	1.6	4
28	Differences in the morphology of prothoracic and propodeal spiracles in three strains of <i>Apis mellifera</i> : possible relation to resistance against <i>Acarapis woodi</i> . <i>Journal of Apicultural Research</i> , 2004, 43, 105-113.	1.5	4
29	Inhibitory vs. protective effects of N-acetyl-l-cysteine (NAC) on the electromechanical properties of the spontaneously beating atria of the frog (<i>Rana ridibunda</i>): An <i>ex vivo</i> study. <i>Toxicology in Vitro</i> , 2009, 23, 272-280.	2.4	4
30	Local Anaesthetic Properties vs. Neurotoxicity for (+)- and (±)-Carvone: An <i>Ex Vivo</i> Electrophysiological Study. <i>Planta Medica Letters</i> , 2015, 2, e6-e9.	0.2	4
31	Assessing the permeability of the rat sciatic nerve epineural sheath against compounds with local anesthetic activity: an <i>ex vivo</i> electrophysiological study. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 634-640.	2.7	3
32	Letters to the editor. <i>Muscle and Nerve</i> , 1993, 16, 109-117.	2.2	2