

P Sreenivasula Reddy

List of Publications by Year in descending order

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54
papers

1,075
citations

394421

19
h-index

454955

30
g-index

54
all docs

54
docs citations

54
times ranked

1361
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of N-acetylcysteine against arsenic-induced oxidative stress and reprotoxicity in male mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, 247-253.	3.0	100
2	Protective effects of resveratrol against cisplatin-induced testicular and epididymal toxicity in rats. <i>Food and Chemical Toxicology</i> , 2016, 91, 65-72.	3.6	66
3	Aflatoxin B1-Induced Reproductive Toxicity in Male Rats. <i>International Journal of Toxicology</i> , 2014, 33, 155-161.	1.2	56
4	Protective role of <i>Centella asiatica</i> on lead-induced oxidative stress and suppressed reproductive health in male rats. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 146-154.	4.0	54
5	Effect of Restraint Stress on Lead-Induced Male Reproductive Toxicity in Rats. <i>Journal of Experimental Zoology</i> , 2012, 317, 455-465.	1.2	49
6	The protective effects of zinc in lead-induced testicular and epididymal toxicity in Wistar rats. <i>Toxicology and Industrial Health</i> , 2017, 33, 265-276.	1.4	42
7	Lead acetate induced reproductive and paternal mediated developmental toxicity in rats. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 793-799.	6.0	41
8	The synthesis and effects of prostaglandins on the ovary of the crab <i>Oziotelphusa senex senex</i> . <i>General and Comparative Endocrinology</i> , 2004, 135, 35-41.	1.8	40
9	In vitro methyl farnesoate secretion by mandibular organs isolated from different molt and reproductive stages of the crab <i>Oziotelphusa senex senex</i> . <i>Fisheries Science</i> , 2006, 72, 410-414.	1.6	39
10	Prenatal exposure to aflatoxin B1: developmental, behavioral, and reproductive alterations in male rats. <i>Die Naturwissenschaften</i> , 2015, 102, 26.	1.6	33
11	Evidence for the involvement of selected biogenic amines (serotonin and melatonin) in the regulation of molting of the edible crab, <i>Oziotelphusa senex senex</i> Fabricius. <i>Aquaculture</i> , 2010, 302, 261-264.	3.5	32
12	Altered spermatogenesis, steroidogenesis and suppressed fertility in adult male rats exposed to genistein, a non-steroidal phytoestrogen during embryonic development. <i>Food and Chemical Toxicology</i> , 2017, 99, 70-77.	3.6	32
13	Effect of selected biogenic amines on reproduction in the fresh water edible crab, <i>Oziotelphusa senex senex</i> . <i>Aquaculture</i> , 2011, 313, 144-148.	3.5	31
14	Hepatopancreas but not ovary is the site of vitellogenin synthesis in female fresh water crab, <i>Oziotelphusa senex senex</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 323-327.	2.1	29
15	Induction of ecdysteroidogenesis, methyl farnesoate synthesis and expression of ecdysteroid receptor and retinoid X receptor in the hepatopancreas and ovary of the giant mud crab, <i>Scylla serrata</i> by melatonin. <i>General and Comparative Endocrinology</i> , 2015, 217-218, 37-42.	1.8	28
16	Role of melatonin in mitigating chemotherapy-induced testicular dysfunction in Wistar rats. <i>Drug and Chemical Toxicology</i> , 2016, 39, 137-146.	2.3	28
17	Methyl farnesoate stimulates testicular growth in the freshwater crab <i>Oziotelphusa senex senex</i> fabricius. <i>Die Naturwissenschaften</i> , 1999, 86, 394-395.	1.6	22
18	Expression of RXR, EcR, E75 and VtG mRNA levels in the hepatopancreas and ovary of the freshwater edible crab, <i>Oziotelphusa senex senex</i> (Fabricius, 1798) during different vitellogenic stages. <i>Die Naturwissenschaften</i> , 2015, 102, 20.	1.6	22

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19	Reproductive and paternal mediated developmental toxicity of benzo(a)pyrene in adult male Wistar rats. <i>Toxicology Research</i> , 2015, 4, 223-232.	2.1	20
20	Involvement of opioid peptides in the regulation of reproduction in the prawn <i>Penaeus indicus</i> . <i>Die Naturwissenschaften</i> , 2000, 87, 535-538.	1.6	19
21	Serotonin induces ecdysteroidogenesis and methyl farnesoate synthesis in the mud crab, <i>Scylla serrata</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1340-1345.	2.1	17
22	Recovery of suppressed male reproduction in mice exposed to progesterone during embryonic development by testosterone. <i>Reproduction</i> , 2009, 137, 439-448.	2.6	16
23	Cadmium and mercury-induced hyperglycemia in the fresh water crab, <i>Oziotelphusa senex senex</i> : Involvement of neuroendocrine system. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 279-283.	6.0	16
24	Alleviative effect of resveratrol on polyvinyl chloride-induced reproductive toxicity in male Wistar rats. <i>Food and Chemical Toxicology</i> , 2018, 116, 173-181.	3.6	15
25	Methionine-Enkephalin Induces Hyperglycemia Through Eystalk Hormones in the Estuarine Crab <i>Scylla serrata</i> . <i>Biological Bulletin</i> , 2001, 201, 17-25.	1.8	14
26	Forskolin ameliorates mancozeb-induced testicular and epididymal toxicity in Wistar rats by reducing oxidative toxicity and by stimulating steroidogenesis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22026.	3.0	14
27	Isolation of peptide hormones with pleiotropic activities in the freshwater crab, <i>Oziotelphusa senex senex</i> . <i>Aquaculture</i> , 2006, 259, 424-431.	3.5	13
28	Restraint stress exacerbates alcohol-induced reproductive toxicity in male rats. <i>Alcohol</i> , 2014, 48, 781-786.	1.7	13
29	Effects of maternal exposure to aflatoxin B1 during pregnancy on fertility output of dams and developmental, behavioral and reproductive consequences in female offspring using a rat model. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 202-210.	2.7	13
30	Behavioral and neurochemical consequences of perinatal exposure to lead in adult male Wistar rats: protective effect by <i>Centella asiatica</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 13173-13185.	5.3	13
31	Melatonin reduces oxidative stress and restores mitochondrial function in the liver of rats exposed to chemotherapeutics. <i>Journal of Experimental Zoology</i> , 2015, 323, 301-308.	1.2	12
32	Elucidation of the role of estradiol and progesterone in regulating reproduction in the edible crab, <i>Oziotelphusa senex senex</i> . <i>RSC Advances</i> , 2016, 6, 24959-24967.	3.6	12
33	Antagonistic effects of opioid peptides in the regulation of ovarian growth of the Indian rice field crab, <i>Oziotelphusa senex senex</i> Fabricius. <i>Invertebrate Reproduction and Development</i> , 2000, 37, 107-111.	0.8	11
34	Lead aggravates the diabetic-induced reproductive toxicity in male Wistar rats. <i>Toxicology Research</i> , 2016, 5, 1465-1476.	2.1	11
35	Diabetes and alcohol: Double jeopardy with regard to oxidative toxicity and sexual dysfunction in adult male Wistar rats. <i>Reproductive Toxicology</i> , 2015, 51, 57-63.	2.9	10
36	Evidence for retinoic acid involvement in the regulation of vitellogenesis in the fresh water edible crab, <i>Oziotelphusa senex senex</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018, 222, 1-6.	1.8	10

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37	Effect of retinoic acid on hemolymph glucose regulation in the fresh water edible crab <i>Oziotelphusa senex senex</i> . <i>General and Comparative Endocrinology</i> , 2008, 155, 496-502.	1.8	9
38	Testicular and epididymal toxicity induced by benzo(a)pyrene, alcohol, and their combination in Wistar rats. <i>Toxicology Research</i> , 2016, 5, 420-433.	2.1	9
39	Hyperglycemic activity of crab and scorpion hormones in grasshopper (<i>Poeciloceris pictus</i>). <i>Experientia</i> , 1982, 38, 811-812.	1.2	8
40	Effect of sublethal concentrations of sumithion on limb regeneration of fresh water field crab <i>Oziotelphusa senex senex</i> . <i>Experientia</i> , 1983, 39, 1380-1381.	1.2	7
41	In vivo sub-acute physiological stress induced by Sumithion on some aspects of oxidative metabolism in the fresh water crab. <i>Water, Air, and Soil Pollution</i> , 1984, 23, 257.	2.4	7
42	On the Mode of Action of Methionine Enkephalin, FK 33-824 and Naloxone in Regulating the Hemolymph Glucose Level in the Fresh Water Field Crab <i>Oziotelphusa senex senex</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 629-632.	1.4	7
43	Purification of molt-inhibiting hormone-like peptides with hyperglycemic activity from the eyestalks of the crab <i>Scylla serrata</i> . <i>Fisheries Science</i> , 2006, 72, 415-420.	1.6	6
44	In vivo subacute physiological stress induced by Sumithion on the hepatopancreatic acid phosphatase activity in the fresh water crab (<i>Oziotelphusa senex senex</i>). <i>Water, Air, and Soil Pollution</i> , 1984, 22, 299.	2.4	5
45	Arsenic aggravated reproductive toxicity in male rats exposed to lead during the perinatal period. <i>Toxicology Research</i> , 2018, 7, 1191-1204.	2.1	5
46	Role of Arachidonic Acid and COX Inhibitors in the Regulation of Reproduction in Freshwater Crab <i>Oziothelphusa senex senex</i> . <i>Journal of Aquaculture Research & Development</i> , 2017, 08, .	0.4	5
47	Molt-inhibition in the crab <i>Oziotelphusa senex senex</i> following exposure to malathion and methyl parathion. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1985, 35, 92-97.	2.7	4
48	Induction of vitellogenesis, MF synthesis and ecdysteroidogenesis in two edible crabs by arachidonic acid and prostaglandins. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	4
49	Changes in acid phosphatase activity in tissues of crab, <i>Oziotelphusa senex senex</i> , following exposure to methyl parathion. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 37, 106-112.	2.7	2
50	Organotin-Induced Hyperglycemia in the Crab, <i>Oziotelphusa senex senex</i> Fabricius. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 315-318.	1.4	2
51	BHC-Induced molt inhibition in the fresh water rice field crab (<i>Oziotelphusa senex senex</i> fabricius). <i>The Journal of Experimental Zoology</i> , 1982, 223, 183-184.	1.4	1
52	Evaluation of participation of glucose in elevation of glycemia of scorpion (<i>Heterometrus fulvipes</i>) caused by the hyperglycemic principle of the scorpion and crab. <i>Experientia</i> , 1983, 39, 1354-1355.	1.2	1
53	Induction of oxidative stress by benzo(a)pyrene in the epididymis of Wistar rats. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 1226-1235.	1.2	0
54	Embryonic cadmium exposure of male rats alters reproductive functions at adulthood, but without overt alterations in developmental and behavioral outcomes and metabolism. <i>Toxicology Research and Application</i> , 2020, 4, 239784731989870.	0.6	0