

Tania Zenteno-Savin

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,327
citations

236833

25
h-index

254106

43
g-index

115
all docs

115
docs citations

115
times ranked

2794
citing authors

#	ARTICLE	IF	CITATIONS
1	“Oxidative stress induced by phthalates in mammals: State of the art and potential biomarkers”. Environmental Research, 2022, 206, 112636.	3.7	24
2	Mercury concentrations in Baja California Sur fish: Dietary exposure assessment. Chemosphere, 2021, 267, 129233.	4.2	9
3	Nutritional content of <i>Totoaba macdonaldi</i> (Gilbert, 1890), Antioxidants and lipid peroxidation in muscle. PeerJ, 2021, 9, e11129.	0.9	0
4	Pectin-derived oligosaccharins effects on flower buds opening, pigmentation and antioxidant content of cut lisianthus flowers. Scientia Horticulturae, 2021, 279, 109909.	1.7	3
5	Influence of sex and maturity state on trace elements content in liver and muscle of the Sciaenidae <i>Totoaba macdonaldi</i> . PeerJ, 2021, 9, e11068.	0.9	0
6	Effect of hypoxia on purine metabolism of human skeletal muscle cells. Biotecnia, 2021, 23, .	0.1	0
7	Diurnal and seasonal hsp70 gene expression in a cryptic reef fish, the bluebanded goby <i>Lythrypnus dalli</i> (Gilbert 1890). Biotecnia, 2021, 23, .	0.1	0
8	Cell Death and Metabolic Stress in <i>Gymnodinium catenatum</i> Induced by Allelopathy. Toxins, 2021, 13, 506.	1.5	7
9	In silico Characterization of the Heme Oxygenase 1 From Bottlenose Dolphin (<i>Tursiops truncatus</i>): Evidence of Changes in the Active Site and Purifying Selection. Frontiers in Physiology, 2021, 12, 711645.	1.3	2
10	Performance, immune response, and oxidative stress parameters of <i>Litopenaeus vannamei</i> fed diets containing varying carbohydrate/protein, lipid/protein, and energy/protein ratios. Aquaculture Reports, 2021, 21, 100771.	0.7	6
11	Use of Corn Husk Meal in the Development of a Functional Diet for Nile tilapia (<i>Oreochromis Tj</i> ETQq1 1 0.784314 rgBT /Overlock 10 Waste and Biomass Valorization, 2021, 12, 4355.	1.8	4
12	Effect of oligosaccharins on the vase life of lisianthus (<i>Eustoma grandiflorum</i> Raf.) cv. “Mariachi blue”™. Journal of Horticultural Science and Biotechnology, 2020, 95, 316-324.	0.9	3
13	Antioxidant response to cadmium exposure in primary skeletal muscle cells isolated from humans and elephant seals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 227, 108641.	1.3	1
14	Changes in Morphology of Primary Muscle Cells Exposed to Di-(2-ethylhexyl) Phthalate. FASEB Journal, 2020, 34, 1-1.	0.2	0
15	Differential white blood cell numbers in response to lipopolysaccharide exposure in marine and terrestrial mammals. FASEB Journal, 2020, 34, 1-1.	0.2	0
16	Using carbon and nitrogen stable isotope modelling to assess dietary mercury exposure for pregnant women in Baja California Sur, Mexico. Chemosphere, 2019, 234, 702-714.	4.2	4
17	Twenty years of the “Preparation for Oxidative Stress” (POS) theory: Ecophysiological advantages and molecular strategies. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 234, 36-49.	0.8	88
18	Micronutrient content and antioxidant enzyme activities in human breast milk. Journal of Trace Elements in Medicine and Biology, 2019, 51, 36-41.	1.5	25

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19	Standardized Micronucleus Assay for Peripheral Blood from Sea Turtles. <i>Chelonian Conservation and Biology</i> , 2019, 18, 175.	0.1	4
20	Does relaxation as a sedative therapy previous to pearl production affect antioxidant response and cause oxidative damage in the winged pearl oyster <i>Pteria sterna</i> ?. <i>Aquaculture</i> , 2018, 491, 295-301.	1.7	7
21	Temporal variation in oxidative stress indicators in liver of totoaba (<i>Totoaba macdonaldi</i>) Perciformes: Sciaenidae. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 833-844.	0.4	4
22	Reproductive Biology of the Red Crab <i>Pleuroncodes planipes</i> (Anomuran, Galatheid) on the West Coast of the Baja California Peninsula, Mexico. <i>Journal of Shellfish Research</i> , 2018, 37, 1093.	0.3	0
23	Circulating glutathione concentrations in marine, semiaquatic, and terrestrial mammals. <i>Marine Mammal Science</i> , 2017, 33, 738-747.	0.9	17
24	Oxidative damage to proteins related to metals and antioxidant defenses in breastmilk. <i>Nutricion Hospitalaria</i> , 2017, 34, 59.	0.2	12
25	Plasma Hypoxanthine-Guanine Phosphoribosyl Transferase Activity in Bottlenose Dolphins Contributes to Avoiding Accumulation of Non-recyclable Purines. <i>Frontiers in Physiology</i> , 2016, 7, 213.	1.3	11
26	Bioenergetic status and oxidative stress during escape response until exhaustion in whiteleg shrimp <i>Litopenaeus vannamei</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 478, 16-23.	0.7	20
27	Persistent organic pollutants (POPs) in populations of the clam <i>Chione californiensis</i> in coastal lagoons of the Gulf of California. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 435-445.	0.7	2
28	Concentrations of trace elements in sea urchins and macroalgae commonly present in <i>Sargassum</i> beds: implications for trophic transfer. <i>Ecological Research</i> , 2016, 31, 785-798.	0.7	12
29	Spatio-temporal distribution and abundance patterns of red crab <i>Pleuroncodes planipes</i> related to ocean temperature from the Pacific coast of the Baja California Peninsula. <i>Fisheries Science</i> , 2016, 82, 1-15.	0.7	10
30	Purine metabolism in response to hypoxic conditions associated with breath-hold diving and exercise in erythrocytes and plasma from bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 191, 196-201.	0.8	12
31	Histophagous ciliate <i>Pseudocollinia brintoni</i> and bacterial assemblage interaction with krill <i>Nyctiphanes simplex</i> . I. Transmission process. <i>Diseases of Aquatic Organisms</i> , 2015, 116, 213-225.	0.5	11
32	Hypoxanthine-guanine phosphoribosyltransferase and inosine 5- α -monophosphate dehydrogenase activities in three mammalian species: aquatic (<i>Mirounga angustirostris</i>), semi-aquatic (<i>Lontra tj</i>) and terrestrial (<i>Urocyon v</i>). <i>Journal of Mammalogy</i> , 2015, 86, 100-107.	0.7	10
33	Comparative study of enzymatic antioxidants in muscle of elasmobranch and teleost fishes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 187, 61-65.	0.8	9
34	Purine nucleoside phosphorylase and the enzymatic antioxidant defense system in breast milk from women with different levels of arsenic exposure. <i>Nutricion Hospitalaria</i> , 2015, 31, 2289-96.	0.2	3
35	Histophagous ciliate <i>Pseudocollinia brintoni</i> and bacterial assemblage interaction with krill <i>Nyctiphanes simplex</i> . II. Host responses. <i>Diseases of Aquatic Organisms</i> , 2015, 116, 227-236.	0.5	9
36	Linking physiological approaches to marine vertebrate conservation: using sex steroid hormone determinations in demographic assessments. <i>Conservation Biology</i> , 2014, 28, 1035-1045.		9

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37	Marine diet and tobacco exposure affects mercury concentrations in pregnant women (I) from Baja California Sur, Mexico. <i>Toxicology Reports</i> , 2014, 1, 1123-1132.	1.6	8
38	Relationship between self-reported fish and shellfish consumption, carbon and nitrogen stable isotope values and total mercury concentrations in pregnant women (II) from Baja California Sur, Mexico. <i>Toxicology Reports</i> , 2014, 1, 1115-1122.	1.6	5
39	Metal mobility and bioaccumulation differences at lower trophic levels in marine ecosystems dominated by <i>Sargassum</i> species. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 435-442.	0.4	13
40	Purine nucleoside phosphorylase and xanthine oxidase activities in erythrocytes and plasma from marine, semiaquatic and terrestrial mammals. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 171, 31-35.	0.8	11
41	Vitamins C and E concentrations in muscle of elasmobranch and teleost fishes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 170, 26-30.	0.8	7
42	Antioxidant responses of damiana (<i>Turnera diffusa</i> Willd) to exposure to artificial ultraviolet (UV) radiation in an in vitro model; part ii; UV-B radiation. <i>Nutricion Hospitalaria</i> , 2014, 29, 1116-22.	0.2	4
43	Interaction between mercury (Hg), arsenic (As) and selenium (Se) affects the activity of glutathione S-transferase in breast milk; possible relationship with fish and shellfish intake. <i>Nutricion Hospitalaria</i> , 2014, 30, 436-46.	0.2	18
44	Purine metabolism in diving and non-diving mammals (667.4). <i>FASEB Journal</i> , 2014, 28, 667.4.	0.2	0
45	Antioxidant responses of damiana (<i>Turnera diffusa</i> Willd) to exposure to artificial ultraviolet (UV) radiation in an in vitro model; part i; UV-C radiation. <i>Nutricion Hospitalaria</i> , 2014, 29, 1109-15.	0.2	7
46	Efficiency of copper removal by <i>Sargassum sinicola</i> in batch and continuous systems. <i>Journal of Applied Phycology</i> , 2013, 25, 1933-1937.	1.5	2
47	Applying generalized linear models as an explanatory tool of sex steroids, thyroid hormones and their relationships with environmental and physiologic factors in immature East Pacific green sea turtles (<i>Chelonia mydas</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 166, 91-100.	0.8	15
48	Interaction between Selenium (Se) and Mercury (Hg) Affects the Activity of Glutathione S-Transferase in Breast Milk; Possible Relationship with Fish and Shellfish Intake. <i>Free Radical Biology and Medicine</i> , 2013, 65, S112.	1.3	3
49	Oxidative stress indicators and trace element concentrations in tissues of mako shark (<i>Isurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2013, 165, 508-514.	0.8	32
50	Trace elements and oxidative stress indicators in the liver and kidney of the blue shark (<i>Prionace</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2013, 165, 483-490.	0.8	51
51	Antioxidant enzyme activity in pacific whiteleg shrimp (<i>Litopenaeus vannamei</i>) in response to infection with white spot syndrome virus. <i>Aquaculture</i> , 2013, 380-383, 41-46.	1.7	84
52	Spatial and temporal variability of oxidative stress indicators in the red crab (<i>Pleuroncodes planipes</i>) from the west coast of the Baja California Peninsula, Mexico. <i>Ciencias Marinas</i> , 2013, 39, 41-53.	0.4	3
53	Incremento de la temperatura ambiental y su posible asociaci3n al suicidio en Baja California Sur (BCS) 1985-2008. <i>Salud Mental</i> , 2013, 36, 421.	0.3	11
54	Differences in arsenic, molybdenum, barium, and other physicochemical relationships in groundwater between sites with and without mining activities. <i>Natural Science</i> , 2013, 05, 238-243.	0.2	5

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55	DNA MMR systems, microsatellite instability and antioxidant activity variations in two species of wild bats: <i>Myotis velifer</i> and <i>Desmodus rotundus</i> , as possible factors associated with longevity. <i>Age</i> , 2012, 34, 1473-1492.	3.0	18
56	Prolonged fasting increases purine recycling in post-weaned northern elephant seals. <i>Journal of Experimental Biology</i> , 2012, 215, 1448-1455.	0.8	23
57	Oxidative stress indicators and trace elements in the blue shark (<i>Prionace glauca</i>) off the east coast of the Mexican Pacific Ocean. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 156, 59-66.	1.3	39
58	Coping with physiological oxidative stress: a review of antioxidant strategies in seals. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2012, 182, 741-750.	0.7	66
59	Antioxidant and trace element content of damiana (<i>Turnera diffusa</i> Willd) under wild and cultivated conditions in semi-arid zones. <i>Industrial Crops and Products</i> , 2012, 37, 321-327.	2.5	17
60	Antioxidant capacity develops with maturation in the deep-diving hooded seal. <i>Journal of Experimental Biology</i> , 2011, 214, 2903-2910.	0.8	26
61	Prolonged fasting increases glutathione biosynthesis in postweaned northern elephant seals. <i>Journal of Experimental Biology</i> , 2011, 214, 1294-1299.	0.8	54
62	Apnea stimulates the adaptive response to oxidative stress in elephant seal pups. <i>Journal of Experimental Biology</i> , 2011, 214, 4193-4200.	0.8	50
63	Antioxidant enzyme activities in Pacific white shrimp (<i>Litopenaeus vannamei</i>) in response to environmental hypoxia and reoxygenation. <i>Aquaculture</i> , 2011, 318, 379-383.	1.7	105
64	Scope for growth, biochemical composition, and antioxidant immune responses of the penshell <i>Atrina maura</i> to flow velocity and concentration of microalgae. <i>Aquaculture</i> , 2011, 319, 211-220.	1.7	6
65	Differential antioxidant protection in tissues from marine mammals with distinct diving capacities. Shallow/short vs. deep/long divers. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 158, 438-443.	0.8	56
66	Biosorption Capacity for Cadmium of Brown Seaweed <i>Sargassum sinicola</i> and <i>Sargassum lapazeanum</i> in the Gulf of California. <i>Water, Air, and Soil Pollution</i> , 2011, 221, 137-144.	1.1	14
67	The history of how the free radicals and oxidative stress branch became a part of the Mexican biochemical society. <i>IUBMB Life</i> , 2011, 63, 803-805.	1.5	0
68	Oxidative stress indicators and chemical contaminants in East Pacific green turtles (<i>Chelonia mydas</i>) inhabiting two foraging coastal lagoons in the Baja California peninsula. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 65-75.	1.3	45
69	Organochlorine pesticides and polychlorinated biphenyls in fin whales (<i>Balaenoptera physalus</i>) from the Gulf of California. <i>Environmental Toxicology</i> , 2010, 25, 381-390.	2.1	13
70	Seasonal changes of antioxidant and oxidative parameters in the coral <i>Pocillopora capitata</i> on the Pacific coast of Mexico. <i>Marine Ecology</i> , 2010, 31, 407-417.	0.4	17
71	Role of oxidative stress in seasonal and daily vertical migration of three krill species in the Gulf of California. <i>Limnology and Oceanography</i> , 2010, 55, 2570-2584.	1.6	46
72	Assessment of Metallothioneins in Tissues of the Clam <i>Megapitaria squalida</i> as Biomarkers for Environmental Cadmium Pollution From Areas Enriched in Phosphorite. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 255-263.	2.1	9

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73	Aging and exercise affect the level of protein acetylation and SIRT1 activity in cerebellum of male rats. <i>Biogerontology</i> , 2010, 11, 679-686.	2.0	57
74	Superoxide production, oxidative damage and enzymatic antioxidant defenses in shark skeletal muscle. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 50-56.	0.8	40
75	Sleep- and Diving-Associated Apneas Do Not Induce Oxidative Damage in Northern Elephant Seals. <i>Free Radical Biology and Medicine</i> , 2010, 49, S30-S31.	1.3	1
76	Hypoxia, reoxygenation and cytosolic manganese superoxide dismutase (cMnSOD) silencing in <i>Litopenaeus vannamei</i> : Effects on cMnSOD transcripts, superoxide dismutase activity and superoxide anion production capacity. <i>Developmental and Comparative Immunology</i> , 2010, 34, 1230-1235.	1.0	63
77	Health Indices of the Green Turtle (<i>Chelonia mydas</i>) Along the Pacific Coast of Baja California Sur, Mexico. I. Blood Biochemistry Values. <i>Chelonian Conservation and Biology</i> , 2010, 9, 162-172.	0.1	30
78	Health Indices of the Green Turtle (<i>Chelonia mydas</i>) Along the Pacific Coast of Baja California Sur, Mexico. II. Body Condition Index. <i>Chelonian Conservation and Biology</i> , 2010, 9, 173-183.	0.1	38
79	Response to short term ultraviolet stress in the reef-building coral <i>Pocillopora capitata</i> (Anthozoa:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 0.1 14	0.1	14
80	Antioxidant Enzymes and Heavy Metal Levels in Tissues of the Black Chocolate Clam <i>Megapitaria squalida</i> in BahAa de La Paz, Mexico. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 60-66.	2.1	20
81	Organochlorine Pesticides and Polychlorinated Biphenyls in California Sea Lions (<i>Zalophus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i> 2.1 16	2.1	16
82	Heavy Metal Levels in Marine Mollusks from Areas With, or Without, Mining Activities Along the Gulf of California, Mexico. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 96-102.	2.1	29
83	Basic oxidative stress metabolites in eastern Pacific green turtles (<i>Chelonia mydas agassizii</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 111-117.	1.3	20
84	The cost of Latin American science. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 463-469.	0.8	9
85	Glutathione protection against dive-associated ischemia/reperfusion in ringed seal tissues. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 345, 110-118.	0.7	51
86	Antioxidant enzymes in ringed seal tissues: Potential protection against dive-associated ischemia/reperfusion. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 198-204.	1.3	52
87	Superoxide radical production in response to environmental hypoxia in cultured shrimp. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 301-308.	1.3	50
88	Hypoxia-inducible factor 1 proteomics and diving adaptations in ringed seal. <i>Free Radical Biology and Medicine</i> , 2005, 39, 205-212.	1.3	26
89	Hypoxia-Inducible Factor in Ringed Seal (<i>Phoca hispida</i>) Tissues. <i>Free Radical Research</i> , 2004, 38, 847-854.	1.5	22
90	Coronary flow-induced inotropism is modulated by binding of dextrans to the endothelial luminal surface. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H1348-H1357.	1.5	20

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91	Animal response to drastic changes in oxygen availability and physiological oxidative stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 537-556.	1.3	307
92	Comparative biology and pathology of oxidative stress in Alzheimer and other neurodegenerative diseases: beyond damage and response. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 507-513.	1.3	59
93	Effects of arginine vasopressin in the heart are mediated by specific intravascular endothelial receptors. <i>European Journal of Pharmacology</i> , 2000, 410, 15-23.	1.7	41
94	Plasma Angiotensin II, Arginine Vasopressin and Atrial Natriuretic Peptide in Free Ranging and Captive Seals and Sea Lions. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 119, 1-6.	0.5	8
95	Changes in the Plasma Levels of Vasoactive Hormones During Apnea in Seals. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 119, 7-12.	0.5	10
96	PLASMA HAPTOGLOBIN LEVELS IN THREATENED ALASKAN PINNIPED POPULATIONS. <i>Journal of Wildlife Diseases</i> , 1997, 33, 64-71.	0.3	38
97	HEART RATE SCALING WITH BODY MASS IN PINNIPEDS. <i>Marine Mammal Science</i> , 1997, 13, 149-155.	0.9	12
98	Effects of caecal ligation and saline acclimation on plasma concentration and organ mass in male and female Pekin ducks, <i>Anas platyrhynchos</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1992, 162, 625-631.	0.7	17
99	Effects of saline acclimation and cecal ligation on body water and water flux in male and female Pekin ducks. <i>Canadian Journal of Zoology</i> , 1991, 69, 771-775.	0.4	13