

Xavier CapÃ³ Fiol

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4071057/publications.pdf>

Version: 2024-02-01

75
papers

2,419
citations

236833

25
h-index

223716

46
g-index

76
all docs

76
docs citations

76
times ranked

3381
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the impact of aquaculture facilities on transplanted mussels (<i>Mytilus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Journal of Hazardous Materials, 2022, 424, 127264.	6.5	10
2	Quantification of differential tissue biomarker responses to microplastic ingestion and plasticizer bioaccumulation in aquaculture reared sea bream <i>Sparus aurata</i> . Environmental Research, 2022, 211, 113063.	3.7	17
3	Association between coffee consumption and total dietary caffeine intake with cognitive functioning: cross-sectional assessment in an elderly Mediterranean population. European Journal of Nutrition, 2021, 60, 2381-2396.	1.8	22
4	Physiological biomarkers in loggerhead turtles (<i>Caretta caretta</i>) as a tool for monitoring sanitary evolution in marine recovery centres. Science of the Total Environment, 2021, 757, 143930.	3.9	8
5	Hepatoprotective activity of natural compounds and plant extracts in nonalcoholic fatty liver disease. , 2021, , 83-103.		0
6	Targeting Xanthine Oxidase by Natural Products as a Therapeutic Approach for Mental Disorders. Current Pharmaceutical Design, 2021, 27, 367-382.	0.9	16
7	Peripheral Blood Mononuclear Cells Oxidative Stress and Plasma Inflammatory Biomarkers in Adults with Normal Weight, Overweight and Obesity. Antioxidants, 2021, 10, 813.	2.2	11
8	Antitumor Effects of Triterpenes in Hepatocellular Carcinoma. Current Medicinal Chemistry, 2021, 28, 2465-2484.	1.2	7
9	Long-term exposure to virgin and seawater exposed microplastic enriched-diet causes liver oxidative stress and inflammation in gilthead seabream <i>Sparus aurata</i> , Linnaeus 1758. Science of the Total Environment, 2021, 767, 144976.	3.9	73
10	Ex Vivo Study on the Antioxidant Activity of a Winemaking By-Product Polyphenolic Extract (TaurisolÃ©) on Human Neutrophils. Antioxidants, 2021, 10, 1009.	2.2	10
11	Dietary Sodium Nitrate Activates Antioxidant and Mitochondrial Dynamics Genes after Moderate Intensity Acute Exercise in Metabolic Syndrome Patients. Journal of Clinical Medicine, 2021, 10, 2618.	1.0	4
12	An Update of Anthraquinone Derivatives Emodin, Diacerein, and Catenarin in Diabetes. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-13.	0.5	13
13	Hepatoprotective Effects of Resveratrol in Non-Alcoholic Fatty Live Disease. Current Pharmaceutical Design, 2021, 27, 2558-2570.	0.9	21
14	Assessment of the effect of long-term exposure to microplastics and depuration period in <i>Sparus aurata</i> Linnaeus, 1758: Liver and blood biomarkers. Science of the Total Environment, 2021, 786, 147479.	3.9	35
15	The neuroprotective effects of polyphenols, their role in innate immunity and the interplay with the microbiota. Neuroscience and Biobehavioral Reviews, 2021, 128, 437-453.	2.9	24
16	Microplastic intake and enzymatic responses in <i>Mytilus galloprovincialis</i> reared at the vicinities of an aquaculture station. Chemosphere, 2021, 280, 130575.	4.2	27
17	Polycystic ovary syndrome and cardiovascular risk. Could trimethylamine N-oxide (TMAO) be a major player? A potential upgrade forward in the DOGMA theory. Biomedicine and Pharmacotherapy, 2021, 143, 112171.	2.5	3
18	5-Dodecanolide, a Compound Isolated from Pig Lard, Presents Powerful Anti-Inflammatory Properties. Molecules, 2021, 26, 7363.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Cross-sectional association between non-soy legume consumption, serum uric acid and hyperuricemia: the PREDIMED-Plus study. <i>European Journal of Nutrition</i> , 2020, 59, 2195-2206.	1.8	8
20	<i>Perkinsus mediterraneus</i> infection induces oxidative stress in the mollusc <i>Mimachlamys varia</i> . <i>Journal of Fish Diseases</i> , 2020, 43, 1-7.	0.9	11
21	Oral Administration of Sodium Nitrate to Metabolic Syndrome Patients Attenuates Mild Inflammatory and Oxidative Responses to Acute Exercise. <i>Antioxidants</i> , 2020, 9, 596.	2.2	8
22	Reduced Antioxidant Response of the Fan Mussel <i>Pinna nobilis</i> Related to the Presence of <i>Haplosporidium pinnae</i> . <i>Pathogens</i> , 2020, 9, 932.	1.2	20
23	Long-term exposure to microplastics induces oxidative stress and a pro-inflammatory response in the gut of <i>Sparus aurata</i> Linnaeus, 1758. <i>Environmental Pollution</i> , 2020, 266, 115295.	3.7	111
24	Antioxidant response of the sea urchin <i>Paracentrotus lividus</i> to pollution and the invasive algae <i>Lophocladia lallemantii</i> . <i>Chemosphere</i> , 2020, 261, 127773.	4.2	10
25	First report of heavy metal presence in muscular tissue of loggerhead turtles <i>Caretta caretta</i> (Linnaeus, 1758) from the Balearic Sea (Balearic Islands, Spain). <i>Environmental Science and Pollution Research</i> , 2020, 27, 39651-39656.	2.7	7
26	Grape Polyphenols Ameliorate Muscle Decline Reducing Oxidative Stress and Oxidative Damage in Aged Rats. <i>Nutrients</i> , 2020, 12, 1280.	1.7	22
27	Hypersaline water from desalination plants causes oxidative damage in <i>Posidonia oceanica</i> meadows. <i>Science of the Total Environment</i> , 2020, 736, 139601.	3.9	17
28	Metabolic Syndrome Is Associated with Oxidative Stress and Proinflammatory State. <i>Antioxidants</i> , 2020, 9, 236.	2.2	98
29	Enriched environments enhance cognition, exploratory behaviour and brain physiological functions of <i>Sparus aurata</i> . <i>Scientific Reports</i> , 2020, 10, 11252.	1.6	35
30	Effect of Free Fatty Acids on Inflammatory Gene Expression and Hydrogen Peroxide Production by Ex Vivo Blood Mononuclear Cells. <i>Nutrients</i> , 2020, 12, 146.	1.7	19
31	Microencapsulation as a tool to counteract the typical low bioavailability of polyphenols in the management of diabetes. <i>Food and Chemical Toxicology</i> , 2020, 139, 111248.	1.8	54
32	Calorie Restriction Improves Physical Performance and Modulates the Antioxidant and Inflammatory Responses to Acute Exercise. <i>Nutrients</i> , 2020, 12, 930.	1.7	10
33	Salt variation induces oxidative stress response in aquatic macrophytes: The case of the Eurasian water-milfoil <i>Myriophyllum spicatum</i> L. (Saxifragales: Haloragaceae). <i>Estuarine, Coastal and Shelf Science</i> , 2020, 239, 106756.	0.9	8
34	Simultaneous analysis of saturated and unsaturated oxylipins in <i>ex vivo</i> cultured peripheral blood mononuclear cells and neutrophils. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113258.	1.4	5
35	Effects of an Exercise Test on Inflammation and Oxidative Stress Biomarkers in Patients with Metabolic Syndrome. <i>Proceedings (mdpi)</i> , 2019, 11, .	0.2	2
36	Potential Anti-inflammatory Effects of Hesperidin from the Genus <i>Citrus</i> . <i>Current Medicinal Chemistry</i> , 2019, 25, 4929-4945.	1.2	104

#	ARTICLE	IF	CITATIONS
37	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019, 48, 387-388o.	0.9	179
38	Omega-3 Fatty Acids and Epilepsy. , 2019, , 261-270.		1
39	Fatty acids and elemental composition as biomarkers of <i>Octopus vulgaris</i> populations: Does origin matter?. <i>Marine Pollution Bulletin</i> , 2019, 139, 299-310.	2.3	11
40	Antioxidant Defenses in Wild Growing Halophyte <i>Crithmum maritimum</i> from Inland and Coastline Populations. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800448.	1.0	11
41	Neuroprotective Effects of Flavonoid Compounds on Neuronal Death Associated to Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2019, 26, 5124-5136.	1.2	20
42	Cyclooxygenase-2 Inhibitors as a Therapeutic Target in Inflammatory Diseases. <i>Current Medicinal Chemistry</i> , 2019, 26, 3225-3241.	1.2	151
43	Biomarkers of physiological responses of <i>Octopus vulgaris</i> to different coastal environments in the western Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2018, 128, 240-247.	2.3	45
44	Erythrocytes and Skeletal Muscle Unsaturated and Omega-6 Fatty Acids Are Positively Correlated after Caloric Restriction and Exercise. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 126-133.	1.0	3
45	Calorie restriction regime enhances physical performance of trained athletes. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 12.	1.7	25
46	Resolvins as proresolving inflammatory mediators in cardiovascular disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 153, 123-130.	2.6	35
47	Acute exposure to sunscreen containing titanium induces an adaptive response and oxidative stress in <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 58-63.	2.9	66
48	Regular Practice of Moderate Physical Activity by Older Adults Ameliorates Their Anti-Inflammatory Status. <i>Nutrients</i> , 2018, 10, 1780.	1.7	30
49	Effects of Millimolar Steady-State Hydrogen Peroxide Exposure on Inflammatory and Redox Gene Expression in Immune Cells from Humans with Metabolic Syndrome. <i>Nutrients</i> , 2018, 10, 1920.	1.7	25
50	Peripheral Blood Mononuclear Cells Antioxidant Adaptations to Regular Physical Activity in Elderly People. <i>Nutrients</i> , 2018, 10, 1555.	1.7	20
51	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. <i>PLoS ONE</i> , 2018, 13, e0198974.	1.1	100
52	Oxidative stress response in the seagrass <i>Posidonia oceanica</i> and the seaweed <i>Dasycladus vermicularis</i> associated to the invasive tropical green seaweed <i>Halimeda incrassata</i> . <i>Science of the Total Environment</i> , 2017, 601-602, 918-925.	3.9	12
53	Training and acute exercise modulates mitochondrial dynamics in football players' blood mononuclear cells. <i>European Journal of Applied Physiology</i> , 2017, 117, 1977-1987.	1.2	26
54	Microplastic ingestion by <i>Mullus surmuletus</i> Linnaeus, 1758 fish and its potential for causing oxidative stress. <i>Environmental Research</i> , 2017, 159, 135-142.	3.7	274

#	ARTICLE	IF	CITATIONS
55	Quercetin Effects on Exercise Induced Oxidative Stress and Inflammation. <i>Current Organic Chemistry</i> , 2017, 21, 348-356.	0.9	5
56	Training Enhances Immune Cells Mitochondrial Biosynthesis, Fission, Fusion, and Their Antioxidant Capabilities Synergistically with Dietary Docosahexaenoic Supplementation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	25
57	Effects of Almond- and Olive Oil-Based Docosahexaenoic- and Vitamin E-Enriched Beverage Dietary Supplementation on Inflammation Associated to Exercise and Age. <i>Nutrients</i> , 2016, 8, 619.	1.7	26
58	Haem Biosynthesis and Antioxidant Enzymes in Circulating Cells of Acute Intermittent Porphyria Patients. <i>PLoS ONE</i> , 2016, 11, e0164857.	1.1	6
59	Invasive predator snake induces oxidative stress responses in insular amphibian species. <i>Science of the Total Environment</i> , 2016, 566-567, 57-62.	3.9	33
60	Effects of dietary Docosahexaenoic, training and acute exercise on lipid mediators. <i>Journal of the International Society of Sports Nutrition</i> , 2016, 13, 16.	1.7	24
61	Docosahexaenoic diet supplementation, exercise and temperature affect cytokine production by lipopolysaccharide-stimulated mononuclear cells. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 421-434.	1.3	14
62	Effects of dietary almond- and olive oil-based docosahexaenoic acid- and vitamin E-enriched beverage supplementation on athletic performance and oxidative stress markers. <i>Food and Function</i> , 2016, 7, 4920-4934.	2.1	19
63	Antioxidant Response of Chronic Wounds to Hyperbaric Oxygen Therapy. <i>PLoS ONE</i> , 2016, 11, e0163371.	1.1	41
64	Potential Therapeutic Effects of Oleuropein Aglycone in Alzheimer's Disease. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 994-1001.	0.9	30
65	Omega-3 Fatty Acids in the Management of Epilepsy. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1897-1905.	1.0	18
66	Coumarin and Derivates as Lipid Lowering Agents. <i>Current Topics in Medicinal Chemistry</i> , 2016, 17, 391-398.	1.0	25
67	Effects of Docosahexaenoic Supplementation and <i>In Vitro</i> Vitamin C on the Oxidative and Inflammatory Neutrophil Response to Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	1.9	17
68	Oxidative status assessment of the endemic bivalve <i>Pinna nobilis</i> affected by the oil spill from the sinking of the Don Pedro. <i>Marine Environmental Research</i> , 2015, 110, 19-24.	1.1	28
69	Chromatographic and Enzymatic Method to Quantify Individual Plasma Free and Triacylglycerol Fatty Acids. <i>Chromatographia</i> , 2015, 78, 259-266.	0.7	4
70	Docosahexaenoic Acid Supplementation Promotes Erythrocyte Antioxidant Defense and Reduces Protein Nitrosative Damage in Male Athletes. <i>Lipids</i> , 2015, 50, 131-148.	0.7	24
71	Diet supplementation with DHA-enriched food in football players during training season enhances the mitochondrial antioxidant capabilities in blood mononuclear cells. <i>European Journal of Nutrition</i> , 2015, 54, 35-49.	1.8	90
72	Effect of DHA on plasma fatty acid availability and oxidative stress during training season and football exercise. <i>Food and Function</i> , 2014, 5, 1920.	2.1	26

#	ARTICLE	IF	CITATIONS
73	Scuba diving induces nitric oxide synthesis and the expression of inflammatory and regulatory genes of the immune response in neutrophils. <i>Physiological Genomics</i> , 2014, 46, 647-654.	1.0	36
74	Docosahexanoic acid diet supplementation attenuates the peripheral mononuclear cell inflammatory response to exercise following LPS activation. <i>Cytokine</i> , 2014, 69, 155-164.	1.4	20
75	Effects of docosahexaenoic acid diet supplementation, training, and acute exercise on oxidative balance in neutrophils. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 446-457.	0.9	15