

Xavier CapÃ³ Fiol

List of Publications by Year in descending order

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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	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
2	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019, 48, 387-388o.	0.9	179
3	Cyclooxygenase-2 Inhibitors as a Therapeutic Target in Inflammatory Diseases. <i>Current Medicinal Chemistry</i> , 2019, 26, 3225-3241.	1.2	151
4	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
5	Potential Anti-inflammatory Effects of Hesperidin from the Genus <i>Citrus</i> . <i>Current Medicinal Chemistry</i> , 2019, 25, 4929-4945.	1.2	104
6	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
7	Metabolic Syndrome Is Associated with Oxidative Stress and Proinflammatory State. <i>Antioxidants</i> , 2020, 9, 236.	2.2	98
8	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
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. <i>Science of the Total Environment</i> , 2021, 767, 144976.	3.9	73
10	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
11	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
12	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
13	Antioxidant Response of Chronic Wounds to Hyperbaric Oxygen Therapy. <i>PLoS ONE</i> , 2016, 11, e0163371.	1.1	41
14	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
15	Resolvins as proresolving inflammatory mediators in cardiovascular disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 153, 123-130.	2.6	35
16	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
17	Assessment of the effect of long-term exposure to microplastics and depuration period in <i>Sparus aurata</i> Linnaeus, 1758: Liver and blood biomarkers. <i>Science of the Total Environment</i> , 2021, 786, 147479.	3.9	35
18	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

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19	Regular Practice of Moderate Physical Activity by Older Adults Ameliorates Their Anti-Inflammatory Status. <i>Nutrients</i> , 2018, 10, 1780.	1.7	30
20	Potential Therapeutic Effects of Oleuropein Aglycone in Alzheimer's Disease. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 994-1001.	0.9	30
21	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
22	Microplastic intake and enzymatic responses in <i>Mytilus galloprovincialis</i> reared at the vicinities of an aquaculture station. <i>Chemosphere</i> , 2021, 280, 130575.	4.2	27
23	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
24	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
25	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
26	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
27	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
28	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
29	Coumarin and Derivates as Lipid Lowering Agents. <i>Current Topics in Medicinal Chemistry</i> , 2016, 17, 391-398.	1.0	25
30	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
31	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
32	The neuroprotective effects of polyphenols, their role in innate immunity and the interplay with the microbiota. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 437-453.	2.9	24
33	Association between coffee consumption and total dietary caffeine intake with cognitive functioning: cross-sectional assessment in an elderly Mediterranean population. <i>European Journal of Nutrition</i> , 2021, 60, 2381-2396.	1.8	22
34	Grape Polyphenols Ameliorate Muscle Decline Reducing Oxidative Stress and Oxidative Damage in Aged Rats. <i>Nutrients</i> , 2020, 12, 1280.	1.7	22
35	Hepatoprotective Effects of Resveratrol in Non-Alcoholic Fatty Live Disease. <i>Current Pharmaceutical Design</i> , 2021, 27, 2558-2570.	0.9	21
36	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

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37	Peripheral Blood Mononuclear Cells Antioxidant Adaptations to Regular Physical Activity in Elderly People. <i>Nutrients</i> , 2018, 10, 1555.	1.7	20
38	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
39	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
40	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
41	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
42	Omega-3 Fatty Acids in the Management of Epilepsy. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1897-1905.	1.0	18
43	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
44	Hypersaline water from desalinization plants causes oxidative damage in <i>Posidonia oceanica</i> meadows. <i>Science of the Total Environment</i> , 2020, 736, 139601.	3.9	17
45	Quantification of differential tissue biomarker responses to microplastic ingestion and plasticizer bioaccumulation in aquaculture reared sea bream <i>Sparus aurata</i> . <i>Environmental Research</i> , 2022, 211, 113063.	3.7	17
46	Targeting Xanthine Oxidase by Natural Products as a Therapeutic Approach for Mental Disorders. <i>Current Pharmaceutical Design</i> , 2021, 27, 367-382.	0.9	16
47	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
48	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
49	An Update of Anthraquinone Derivatives Emodin, Diacerein, and Catenarin in Diabetes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	13
50	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
51	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
52	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
53	<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
54	Peripheral Blood Mononuclear Cells Oxidative Stress and Plasma Inflammatory Biomarkers in Adults with Normal Weight, Overweight and Obesity. <i>Antioxidants</i> , 2021, 10, 813.	2.2	11

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55	Antioxidant response of the sea urchin <i>Paracentrotus lividus</i> to pollution and the invasive algae <i>Lophocladia lallemandii</i> . <i>Chemosphere</i> , 2020, 261, 127773.	4.2	10
56	Calorie Restriction Improves Physical Performance and Modulates the Antioxidant and Inflammatory Responses to Acute Exercise. <i>Nutrients</i> , 2020, 12, 930.	1.7	10
57	Ex Vivo Study on the Antioxidant Activity of a Winemaking By-Product Polyphenolic Extract (Taurisolo [®]) on Human Neutrophils. <i>Antioxidants</i> , 2021, 10, 1009.	2.2	10
58	Assessment of the impact of aquaculture facilities on transplanted mussels (<i>Mytilus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (gallo Journal of Hazardous Materials, 2022, 424, 127264.	6.5	10
59	5-Dodecanolide, a Compound Isolated from Pig Lard, Presents Powerful Anti-Inflammatory Properties. <i>Molecules</i> , 2021, 26, 7363.	1.7	9
60	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
61	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
62	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
63	Physiological biomarkers in loggerhead turtles (<i>Caretta caretta</i>) as a tool for monitoring sanitary evolution in marine recovery centres. <i>Science of the Total Environment</i> , 2021, 757, 143930.	3.9	8
64	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
65	Antitumor Effects of Triterpenes in Hepatocellular Carcinoma. <i>Current Medicinal Chemistry</i> , 2021, 28, 2465-2484.	1.2	7
66	Haem Biosynthesis and Antioxidant Enzymes in Circulating Cells of Acute Intermittent Porphyria Patients. <i>PLoS ONE</i> , 2016, 11, e0164857.	1.1	6
67	Quercetin Effects on Exercise Induced Oxidative Stress and Inflammation. <i>Current Organic Chemistry</i> , 2017, 21, 348-356.	0.9	5
68	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
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	Dietary Sodium Nitrate Activates Antioxidant and Mitochondrial Dynamics Genes after Moderate Intensity Acute Exercise in Metabolic Syndrome Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 2618.	1.0	4
71	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
72	Polycystic ovary syndrome and cardiovascular risk. Could trimethylamine N-oxide (TMAO) be a major player? A potential upgrade forward in the DOGMA theory. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112171.	2.5	3

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73	Effects of an Exercise Test on Inflammation and Oxidative Stress Biomarkers in Patients with Metabolic Syndrome. Proceedings (mdpi), 2019, 11, .	0.2	2
74	Omega-3 Fatty Acids and Epilepsy. , 2019, , 261-270.		1
75	Hepatoprotective activity of natural compounds and plant extracts in nonalcoholic fatty liver disease. , 2021, , 83-103.		0