

Alejandro González Benjumea

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8549539/publications.pdf>

Version: 2024-02-01

27
papers

677
citations

471061
17
h-index

552369
26
g-index

30
all docs

30
docs citations

30
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	Preventive effects of dietary hydroxytyrosol acetate, an extra virgin olive oil polyphenol in murine collagen-induced arthritis. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2537-2546.	1.5	60
2	Effects of dietary virgin olive oil polyphenols: hydroxytyrosyl acetate and 3, 4-dihydroxyphenylglycol on DSS-induced acute colitis in mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 513-520.	1.9	60
3	Oleuropein down-regulated IL-1 β -induced inflammation and oxidative stress in human synovial fibroblast cell line SW982. <i>Food and Function</i> , 2017, 8, 1890-1898.	2.1	60
4	Modulating Fatty Acid Epoxidation vs Hydroxylation in a Fungal Peroxygenase. <i>ACS Catalysis</i> , 2019, 9, 6234-6242.	5.5	54
5	Naturally Occurring Hydroxytyrosol Derivatives: Hydroxytyrosyl Acetate and 3,4-Dihydroxyphenylglycol Modulate Inflammatory Response in Murine Peritoneal Macrophages. Potential Utility as New Dietary Supplements. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 836-846.	2.4	53
6	Two New Unspecific Peroxygenases from Heterologous Expression of Fungal Genes in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	43
7	Advances in enzymatic oxyfunctionalization of aliphatic compounds. <i>Biotechnology Advances</i> , 2021, 51, 107703.	6.0	31
8	Fatty acid epoxidation by <i>Collariella virescens</i> peroxygenase and heme-channel variants. <i>Catalysis Science and Technology</i> , 2020, 10, 717-725.	2.1	29
9	Molecular interactions between 3,4-dihydroxyphenylglycol and pectin and antioxidant capacity of this complex in vitro. <i>Carbohydrate Polymers</i> , 2018, 197, 260-268.	5.1	27
10	Oleocanthal Modulates LPS-Induced Murine Peritoneal Macrophages Activation via Regulation of Inflammasome, Nrf-2/HO-1, and MAPKs Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5552-5559.	2.4	26
11	Fatty-Acid Oxygenation by Fungal Peroxygenases: From Computational Simulations to Preparative Regio- and Stereoselective Epoxidation. <i>ACS Catalysis</i> , 2020, 10, 13584-13595.	5.5	25
12	Dietary Oleocanthal Supplementation Prevents Inflammation and Oxidative Stress in Collagen-Induced Arthritis in Mice. <i>Antioxidants</i> , 2021, 10, 650.	2.2	25
13	Dietary hydroxytyrosol and hydroxytyrosyl acetate supplementation prevent pristane-induced systemic lupus erythematosus in mice. <i>Journal of Functional Foods</i> , 2017, 29, 84-92.	1.6	23
14	Olive secoiridoid oleuropein and its semisynthetic acetyl-derivatives reduce LPS-induced inflammatory response in murine peritoneal macrophages via JAK-STAT and MAPKs signaling pathways. <i>Journal of Functional Foods</i> , 2019, 58, 95-104.	1.6	22
15	Glycosidase inhibitors: versatile tools in glycobiology. <i>Carbohydrate Chemistry</i> , 2012, , 215-262.	0.3	18
16	A New Peracetylated Oleuropein Derivative Ameliorates Joint Inflammation and Destruction in a Murine Collagen-Induced Arthritis Model via Activation of the Nrf-2/Ho-1 Antioxidant Pathway and Suppression of MAPKs and NF- κ B Activation. <i>Nutrients</i> , 2021, 13, 311.	1.7	17
17	Extra-virgin olive oil phenols hydroxytyrosol and hydroxytyrosol acetate, down-regulate the production of mediators involved in joint erosion in human synovial cells. <i>Journal of Functional Foods</i> , 2017, 36, 27-33.	1.6	16
18	High Epoxidation Yields of Vegetable Oil Hydrolyzates and Methyl Esters by Selected Fungal Peroxygenases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 605854.	2.0	16

#	ARTICLE	IF	CITATIONS
19	Dietary oleuropein and its acyl derivative ameliorate inflammatory response in peritoneal macrophages from pristane-induced SLE mice <i>via</i> canonical and noncanonical NLRP3 inflammasomes pathway. <i>Food and Function</i> , 2020, 11, 6622-6631.	2.1	12
20	Regioselective and Stereoselective Epoxidation of n-3 and n-6 Fatty Acids by Fungal Peroxygenases. <i>Antioxidants</i> , 2021, 10, 1888.	2.2	8
21	Structural Characterization of Two Short Unspecific Peroxygenases: Two Different Dimeric Arrangements. <i>Antioxidants</i> , 2022, 11, 891.	2.2	7
22	Osteoarthritis treatment with a novel nutraceutical acetylated ligstroside aglycone, a chemically modified extra-virgin olive oil polyphenol. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142092270.	2.3	5
23	Intramolecular cyclization of alkoxyaminosugars: access to novel glycosidase inhibitor families. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4220.	1.5	4
24	A Straightforward Access to New Families of Lipophilic Polyphenols by Using Lipolytic Bacteria. <i>PLoS ONE</i> , 2016, 11, e0166561.	1.1	4
25	Spectroscopic study of the ground and excited state prototropic equilibria of 4-azaindole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 1072-1078.	2.0	3
26	Engineering <i>Collariella virescens</i> Peroxygenase for Epoxides Production from Vegetable Oil. <i>Antioxidants</i> , 2022, 11, 915.	2.2	2
27	Encased Gold Nanoparticle Synthesis as a Probe for Oleuropein Self-Assembled Structure Formation. <i>Materials</i> , 2021, 14, 50.	1.3	0