

MarÃ-a SebastiÃ;n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1054109/publications.pdf>

Version: 2024-02-01

19
papers

244
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	The NLRP3 Inflammasome as a Critical Actor in the Inflammaging Process. <i>Cells</i> , 2020, 9, 1552.	4.1	33
2	Structural insights into the synthesis of FMN in prokaryotic organisms. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2526-2542.	2.5	25
3	Discovery of antimicrobial compounds targeting bacterial type FAD synthetases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 241-254.	5.2	23
4	Gut microbiota mediated allostasis prevents stress-induced neuroinflammatory risk factors of Alzheimer's disease. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 168, 147-181.	1.7	21
5	The FAD synthetase from the human pathogen <i>Streptococcus pneumoniae</i> : a bifunctional enzyme exhibiting activity-dependent redox requirements. <i>Scientific Reports</i> , 2017, 7, 7609.	3.3	19
6	Anxiolytic effects of NLRP3 inflammasome inhibition in a model of chronic sleep deprivation. <i>Translational Psychiatry</i> , 2021, 11, 52.	4.8	19
7	Quaternary organization in a bifunctional prokaryotic FAD synthetase: Involvement of an arginine at its adenylyltransferase module on the riboflavin kinase activity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 897-906.	2.3	18
8	The trimer interface in the quaternary structure of the bifunctional prokaryotic FAD synthetase from <i>Corynebacterium ammoniagenes</i> . <i>Scientific Reports</i> , 2017, 7, 404.	3.3	16
9	The Innate Immune System and Inflammatory Priming: Potential Mechanistic Factors in Mood Disorders and Gulf War Illness. <i>Frontiers in Psychiatry</i> , 2020, 11, 704.	2.6	15
10	Kinetics and thermodynamics of the protein-ligand interactions in the riboflavin kinase activity of the FAD synthetase from <i>Corynebacterium ammoniagenes</i> . <i>Scientific Reports</i> , 2017, 7, 7281.	3.3	14
11	The Biosynthesis of Flavin Cofactors in <i>Listeria monocytogenes</i> . <i>Journal of Molecular Biology</i> , 2019, 431, 2762-2776.	4.2	13
12	Discovery and characterization of small-molecule inhibitors of NLRP3 and NLRC4 inflammasomes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100597.	3.4	13
13	The RFK catalytic cycle of the pathogen <i>Streptococcus pneumoniae</i> shows species-specific features in prokaryotic FMN synthesis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 842-849.	5.2	7
14	Role of Polyphenol-Derived Phenolic Acid in Mitigation of Inflammasome-Mediated Anxiety and Depression. <i>Biomedicines</i> , 2022, 10, 1264.	3.2	5
15	Cofactors and pathogens: Flavin mononucleotide and flavin adenine dinucleotide (FAD) biosynthesis by the FAD synthase from <i>Brucella ovis</i> . <i>IUBMB Life</i> , 2021, , .	3.4	3
16	A novel gut microbiome therapeutic derived from dietary polyphenols attenuates neuroinflammation in vivo in a model of c9orf72 mediated frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e046032.	0.8	0
17	Development of a platform for the discovery of new Alzheimer's disease drugs targeting stress-induced neuroinflammation. <i>Alzheimer's and Dementia</i> , 2020, 16, e046080.	0.8	0
18	The Inhibition of Caspase-1 Activity With a Dietary Polyphenol Reduces Anxiety and Depression in a Murine Model of Chronic Stress. <i>Current Developments in Nutrition</i> , 2021, 5, 368.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Causal effects of microglia-mediated innate immune responses in the pathogenesis of c9orf72 frontotemporal dementia and amyotrophic lateral sclerosis.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e051865.	0.8	0