

James J Galligan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5082457/publications.pdf>

Version: 2024-02-01

34
papers

1,350
citations

471509

17
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2323
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical genesis of enzymatic and non-enzymatic post-translational modifications. <i>Molecular Aspects of Medicine</i> , 2022, 86, 101053.	6.4	12
2	<i>CHML</i> is an NRF2 target gene that regulates mTOR function. <i>Molecular Oncology</i> , 2022, 16, 1714-1727.	4.6	1
3	Extensive evaluation of ATAC-seq protocols for native or formaldehyde-fixed nuclei. <i>BMC Genomics</i> , 2022, 23, 214.	2.8	7
4	Chemical Labeling and Enrichment of Histone Glyoxal Adducts. <i>ACS Chemical Biology</i> , 2022, 17, 756-761.	3.4	18
5	Biochemical Mechanisms of Sirtuin-Directed Protein Acylation in Hepatic Pathologies of Mitochondrial Dysfunction. <i>Cells</i> , 2022, 11, 2045.	4.1	9
6	Predicting Drug Interactions with Human Equilibrative Nucleoside Transporters 1 and 2 Using Functional Knockout Cell Lines and Bayesian Modeling. <i>Molecular Pharmacology</i> , 2021, 99, 147-162.	2.3	15
7	Sirtuin 2 Regulates Protein LactoylLys Modifications. <i>ChemBioChem</i> , 2021, 22, 2102-2106.	2.6	23
8	Trisomy 21 impairs PGE2 production in dermal fibroblasts. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 153, 106524.	1.9	1
9	Impaired anaplerosis is a major contributor to glycolysis inhibitor toxicity in glioma. <i>Cancer & Metabolism</i> , 2021, 9, 27.	5.0	11
10	Testicular disposition of clofarabine in rats is dependent on equilibrative nucleoside transporters. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00831.	2.4	4
11	Non-enzymatic Lysine Lactoylation of Glycolytic Enzymes. <i>Cell Chemical Biology</i> , 2020, 27, 206-213.e6.	5.2	114
12	An Azidoribose Probe to Track Ketoamine Adducts in Histone Ribose Glycation. <i>Journal of the American Chemical Society</i> , 2020, 142, 9999-10007.	13.7	19
13	The sunless tanning agent dihydroxyacetone induces stress response gene expression and signaling in cultured human keratinocytes and reconstructed epidermis. <i>Redox Biology</i> , 2020, 36, 101594.	9.0	12
14	Aspirin inhibits TGF β 2-induced epithelial to mesenchymal transition of lens epithelial cells: selective acetylation of K56 and K122 in histone H3. <i>Biochemical Journal</i> , 2020, 477, 75-97.	3.7	10
15	Chromatin Modifications in Toxicology. <i>Chemical Research in Toxicology</i> , 2019, 32, 794-795.	3.3	1
16	Lysophospholipases cooperate to mediate lipid homeostasis and lysophospholipid signaling. <i>Journal of Lipid Research</i> , 2019, 60, 360-374.	4.2	25
17	Oxidative stress increases M1dG, a major peroxidation-derived DNA adduct, in mitochondrial DNA. <i>Nucleic Acids Research</i> , 2018, 46, 3458-3467.	14.5	32
18	Profiling of Methylglyoxal Blood Metabolism and Advanced Glycation End-Product Proteome Using a Chemical Probe. <i>ACS Chemical Biology</i> , 2018, 13, 3294-3305.	3.4	26

#	ARTICLE	IF	CITATIONS
19	Methylglyoxal-derived posttranslational arginine modifications are abundant histone marks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9228-9233.	7.1	123
20	Protein Modification by Endogenously Generated Lipid Electrophiles: Mitochondria as the Source and Target. <i>ACS Chemical Biology</i> , 2017, 12, 2062-2069.	3.4	30
21	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , 2017, 99, 97-106.	10.0	146
22	Histone Adduction and Its Functional Impact on Epigenetics. <i>Chemical Research in Toxicology</i> , 2017, 30, 376-387.	3.3	20
23	Quantitative Analysis and Discovery of Lysine and Arginine Modifications. <i>Analytical Chemistry</i> , 2017, 89, 1299-1306.	6.5	17
24	Accumulation of isolevuglandin-modified protein in normal and fibrotic lung. <i>Scientific Reports</i> , 2016, 6, 24919.	3.3	21
25	Covalent Modification of CDK2 by 4-Hydroxynonenal as a Mechanism of Inhibition of Cell Cycle Progression. <i>Chemical Research in Toxicology</i> , 2016, 29, 323-332.	3.3	18
26	Site-Specific, Intramolecular Cross-Linking of Pin1 Active Site Residues by the Lipid Electrophile 4-Oxo-2-nonenal. <i>Chemical Research in Toxicology</i> , 2015, 28, 817-827.	3.3	16
27	Nuclear Oxidation of a Major Peroxidation DNA Adduct, M1dG, in the Genome. <i>Chemical Research in Toxicology</i> , 2015, 28, 2334-2342.	3.3	18
28	Protein Modification by Adenine Propenal. <i>Chemical Research in Toxicology</i> , 2014, 27, 1732-1742.	3.3	8
29	Stable Histone Adduction by 4-Oxo-2-nonenal: A Potential Link between Oxidative Stress and Epigenetics. <i>Journal of the American Chemical Society</i> , 2014, 136, 11864-11866.	13.7	103
30	Oxidative stress-mediated aldehyde adduction of GRP78 in a mouse model of alcoholic liver disease: functional independence of ATPase activity and chaperone function. <i>Free Radical Biology and Medicine</i> , 2014, 73, 411-420.	2.9	40
31	Protein Carbonylation in a Murine Model for Early Alcoholic Liver Disease. <i>Chemical Research in Toxicology</i> , 2012, 25, 1012-1021.	3.3	65
32	The human protein disulfide isomerase gene family. <i>Human Genomics</i> , 2012, 6, 6.	2.9	193
33	Oxidative Stress and the ER Stress Response in a Murine Model for Early-Stage Alcoholic Liver Disease. <i>Journal of Toxicology</i> , 2012, 2012, 1-12.	3.0	85
34	4-Hydroxynonenal Inhibits SIRT3 via Thiol-Specific Modification. <i>Chemical Research in Toxicology</i> , 2011, 24, 651-662.	3.3	107