

Jean-William Jwd Dupuy

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,629
citations

304368

22
h-index

344852

36
g-index

71
all docs

71
docs citations

71
times ranked

3410
citing authors

#	ARTICLE	IF	CITATIONS
1	A cannabinoid link between mitochondria and memory. <i>Nature</i> , 2016, 539, 555-559.	13.7	331
2	Ubiquitin-Dependent Degradation of Mitochondrial Proteins Regulates Energy Metabolism. <i>Cell Reports</i> , 2018, 23, 2852-2863.	2.9	110
3	Argininosuccinate synthase 1 (ASS1): A marker of unclassified hepatocellular adenoma and high bleeding risk. <i>Hepatology</i> , 2017, 66, 2016-2028.	3.6	75
4	The pH regulator PacC: a host-dependent virulence factor in <i>Botrytis cinerea</i> . <i>Environmental Microbiology Reports</i> , 2018, 10, 555-568.	1.0	51
5	Preservation of NADH ubiquinone-oxidoreductase activity by Src kinase-mediated phosphorylation of NDUFB10. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 718-725.	0.5	50
6	Modulation of the ATM/autophagy pathway by a G-quadruplex ligand tips the balance between senescence and apoptosis in cancer cells. <i>Nucleic Acids Research</i> , 2019, 47, 2739-2756.	6.5	50
7	The infection cushion of <i>Botrytis cinerea</i> : a fungal "weapon" of plant biomass destruction. <i>Environmental Microbiology</i> , 2021, 23, 2293-2314.	1.8	48
8	A synthetic antibacterial peptide from <i>Mytilus galloprovincialis</i> reduces mortality due to white spot syndrome virus in palaemonid shrimp. <i>Journal of Fish Diseases</i> , 2004, 27, 57-64.	0.9	43
9	Combining laser capture microdissection and proteomics reveals an active translation machinery controlling invadosome formation. <i>Nature Communications</i> , 2018, 9, 2031.	5.8	43
10	Beyond plant defense: insights on the potential of salicylic and methylsalicylic acid to contain growth of the phytopathogen <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 859.	1.7	42
11	<i>YPR139c/LOA1</i> encodes a novel lysophosphatidic acid acyltransferase associated with lipid droplets and involved in TAG homeostasis. <i>Molecular Biology of the Cell</i> , 2012, 23, 233-246.	0.9	39
12	Proteomic analysis of proteins secreted by <i>Botrytis cinerea</i> in response to heavy metal toxicity. <i>Metallomics</i> , 2012, 4, 835.	1.0	37
13	Nucleoside analogue activators of cyclic AMP-independent protein kinase A of <i>Trypanosoma</i> . <i>Nature Communications</i> , 2019, 10, 1421.	5.8	33
14	ASS1 Overexpression: A Hallmark of Sonic Hedgehog Hepatocellular Adenomas; Recommendations for Clinical Practice. <i>Hepatology Communications</i> , 2020, 4, 809-824.	2.0	33
15	Glycerol supports growth of the <i>Trypanosoma brucei</i> bloodstream forms in the absence of glucose: Analysis of metabolic adaptations on glycerol-rich conditions. <i>PLoS Pathogens</i> , 2018, 14, e1007412.	2.1	32
16	Functional impact of PTP1B-mediated Src regulation on oxidative phosphorylation in rat brain mitochondria. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2603-2613.	2.4	31
17	Modulation of chromatin structure by the FACT histone chaperone complex regulates HIV-1 integration. <i>Retrovirology</i> , 2017, 14, 39.	0.9	30
18	Proteomic plasticity of two <i>Eucalyptus</i> genotypes under contrasted water regimes in the field. <i>Plant, Cell and Environment</i> , 2012, 35, 790-805.	2.8	29

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19	Triacylglycerol Storage in Lipid Droplets in Procyclic Trypanosoma brucei. PLoS ONE, 2014, 9, e114628.	1.1	28
20	miR-4510 blocks hepatocellular carcinoma development through RAF1 targeting and RAS/RAF/MEK/ERK signalling inactivation. Liver International, 2020, 40, 240-251.	1.9	27
21	Mitochondrial morphology and cellular distribution are altered in SPG31 patients and are linked to DRP1 hyperphosphorylation. Human Molecular Genetics, 2016, 26, ddw425.	1.4	26
22	Crucial role of fatty acid oxidation in asthmatic bronchial smooth muscle remodelling. European Respiratory Journal, 2021, 58, 2004252.	3.1	26
23	Catalytic properties of a highly thermoactive polygalacturonase from the mesophilic fungus Penicillium occitanis and use in juice clarification. Journal of Molecular Catalysis B: Enzymatic, 2016, 127, 56-66.	1.8	23
24	Differential accumulation of soluble proteins in roots of metallicolous and nonmetallicolous populations of Agrostis capillaris L. exposed to Cu. Proteomics, 2014, 14, 1746-1758.	1.3	22
25	Regulation of RNA polymerase III transcription during transformation of human IMR90 fibroblasts with defined genetic elements. Cell Cycle, 2018, 17, 605-615.	1.3	21
26	Interaction between environmental factors affects the accumulation of root proteins in hydroponically grown Eucalyptus globulus (Labill.). Plant Physiology and Biochemistry, 2011, 49, 69-76.	2.8	20
27	A new reliable, transposable and cost-effective assay for absolute quantification of total plasmatic bevacizumab by LC-MS/MS in human plasma comparing two internal standard calibration approaches. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1070, 43-53.	1.2	19
28	Nuclear control of lung cancer cells migration, invasion and bioenergetics by eukaryotic translation initiation factor 3F. Oncogene, 2020, 39, 617-636.	2.6	19
29	Genome-wide screen identifies a novel p97/CDC48-dependent pathway regulating ER stress-induced gene transcription. EMBO Reports, 2015, 16, 332-340.	2.0	18
30	A Similar Secretome Disturbance as a Hallmark of Non-pathogenic Botrytis cinerea ATMT-Mutants?. Frontiers in Microbiology, 2019, 10, 2829.	1.5	18
31	Comprehensive proteome profiling in Aedes albopictus to decipher Wolbachia-arbovirus interference phenomenon. BMC Genomics, 2017, 18, 635.	1.2	17
32	Structural characterization of the EmrAB-TolC efflux complex from E. coli. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183488.	1.4	17
33	A Natural Antioxidant Pine Bark Extract, Oligopin®, Regulates the Stress Chaperone HSPB1 in Human Skeletal Muscle Cells: A Proteomics Approach. Phytotherapy Research, 2013, 27, 1529-1535.	2.8	16
34	The Qb-SNARE Memb11 interacts specifically with Arf1 in the Golgi apparatus of Arabidopsis thaliana. Journal of Experimental Botany, 2015, 66, 6665-6678.	2.4	16
35	Copper stress-induced changes in leaf soluble proteome of Cu-sensitive and tolerant Agrostis capillaris L. populations. Proteomics, 2016, 16, 1386-1397.	1.3	15
36	Impact of foliar symptoms of E-sca proper on proteins related to defense and oxidative stress of grape skins during ripening. Proteomics, 2013, 13, 108-118.	1.3	14

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37	Role of <i>Campylobacter jejuni</i> gamma-glutamyl transpeptidase on epithelial cell apoptosis and lymphocyte proliferation. <i>Gut Pathogens</i> , 2014, 6, 20.	1.6	14
38	Asthmatic bronchial smooth muscle increases rhinovirus replication within the bronchial epithelium. <i>Cell Reports</i> , 2022, 38, 110571.	2.9	11
39	HDAC inhibition induces expression of scaffolding proteins critical for tumor progression in pediatric glioma: focus on EBP50 and IRSp53. <i>Neuro-Oncology</i> , 2020, 22, 550-562.	0.6	10
40	The invasive proteome of glioblastoma revealed by laser-capture microdissection. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz029.	0.4	9
41	Antigenic Mimicry in Paraneoplastic Immune Thrombocytopenia. <i>Frontiers in Immunology</i> , 2019, 10, 523.	2.2	9
42	Clathrin Is Important for Virulence Factors Delivery in the Necrotrophic Fungus <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 668937.	1.7	9
43	Changes in the proteome of juvenile European beech following three years exposure to free-air elevated ozone. <i>IForest</i> , 2011, 4, 69-76.	0.5	9
44	An intersubunit disulfide bridge stabilizes the tetrameric nucleoside diphosphate kinase of <i>Aquifex aeolicus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 1658-1668.	1.5	8
45	A study on the nature of interactions of mixed-mode ligands HEA and PPA HyperCel using phenylglyoxal modified lysozyme. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 209-213.	1.2	8
46	Large-scale protein analysis of European beech trees following four vegetation periods of twice ambient ozone exposure. <i>Journal of Proteomics</i> , 2014, 109, 417-435.	1.2	8
47	The Proteome of Antibody-Mediated Rejection: From Glomerulitis to Transplant Glomerulopathy. <i>Biomedicines</i> , 2022, 10, 569.	1.4	8
48	Hyper-proteolytic mutant of <i>Beauveria bassiana</i> , a new biological control agent against the tomato borer. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	2.2	7
49	Proteomic Profiling of Hepatocellular Adenomas Paves the Way to Diagnostic and Prognostic Approaches. <i>Hepatology</i> , 2021, 74, 1595-1610.	3.6	7
50	LRP-1 Matricellular Receptor Involvement in Triple Negative Breast Cancer Tumor Angiogenesis. <i>Biomedicines</i> , 2021, 9, 1430.	1.4	7
51	Targeting CAMKK2 and SOC Channels as a Novel Therapeutic Approach for Sensitizing Acute Promyelocytic Leukemia Cells to All-Trans Retinoic Acid. <i>Cells</i> , 2021, 10, 3364.	1.8	7
52	Discoidin Domain Receptor 2 orchestrates melanoma resistance combining phenotype switching and proliferation. <i>Oncogene</i> , 2022, 41, 2571-2586.	2.6	6
53	Evidence for specific interaction between the RhoGAP domain from the yeast Rgd1 protein and phosphoinositides. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 74-78.	1.0	4
54	Metabolic selection of a homologous recombination-mediated gene loss protects <i>Trypanosoma brucei</i> from ROS production by glycosomal fumarate reductase. <i>Journal of Biological Chemistry</i> , 2021, 296, 100548.	1.6	4

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55	Reptin/RUVBL2 is required for hepatocyte proliferation in vivo, liver regeneration and homeostasis. <i>Liver International</i> , 2021, 41, 1423-1429.	1.9	4
56	The Trypanosome UDP-Glucose Pyrophosphorylase Is Imported by Piggybacking into Glycosomes, Where Unconventional Sugar Nucleotide Synthesis Takes Place. <i>MBio</i> , 2021, 12, e0037521.	1.8	4
57	Hepatocyte proteomes reveal the role of protein disulfide isomerase 4 in alpha 1-antitrypsin deficiency. <i>JHEP Reports</i> , 2021, 3, 100297.	2.6	4
58	An EZH2 blocker sensitizes histone mutated diffuse midline glioma to cholesterol metabolism inhibitors through an off-target effect. <i>Neuro-Oncology Advances</i> , 2022, 4, vdac018.	0.4	2
59	Production, in <i>Pichia pastoris</i> , of a recombinant monomeric mapacalcine, a protein with anti-ischemic properties. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 299-305.	0.7	0
60	ASS1 immunohistochemistry identifies unclassified hepatocellular adenoma. Experience of a single French liver center. <i>Journal of Hepatology</i> , 2017, 66, S617.	1.8	0
61	Proteomic analysis identifies argininosuccinate synthase 1 as a useful biomarker for hepatocellular adenoma classification and patient management. <i>Journal of Hepatology</i> , 2017, 66, S228-S229.	1.8	0
62	Ubiquitin-dependent degradation of mitochondrial proteins regulates energy metabolism. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, e56-e57.	0.5	0
63	A combined laser microdissection and proteomic analysis method for identification of liver tumors signatures. <i>Journal of Hepatology</i> , 2018, 68, S126.	1.8	0
64	The role of RIPK3 in non-alcoholic fatty liver disease: a multi-omics perspective. <i>Journal of Hepatology</i> , 2020, 73, S673.	1.8	0
65	Abstract PO020: The matricellular receptor LRP-1 acts as a pro-tumorigenic receptor by supporting tumor angiogenesis in a triple negative breast cancer model. , 2021, , .		0
66	Development of a method for the extraction and analysis of grape skin proteins strongly bound to cell walls. <i>Oeno One</i> , 2016, 47, 129.	0.7	0