Jonathan Wolf Mueller

List of Publications by Year
in descending order

46	1,317	361045 20	360668 35
papers	citations	h-index	g-index

54	54	54	1815
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Circulating Conjugated and Unconjugated Vitamin D Metabolite Measurements by Liquid Chromatography Mass Spectrometry. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 435-449.	1.8	19
2	Disease-Related Protein Variants of the Highly Conserved Enzyme PAPSS2 Show Marginal Stability and Aggregation in Cells. Frontiers in Molecular Biosciences, 2022, 9, 860387.	1.6	5
3	Steroid Sulfation in Adrenal Tumors. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 3385-3397.	1.8	4
4	Steroid disulfates - Sulfation double trouble. Molecular and Cellular Endocrinology, 2021, 524, 111161.	1.6	9
5	Structural Determinants of Substrate Recognition and Catalysis by Heparan Sulfate Sulfotransferases. ACS Catalysis, 2021, 11, 10974-10987.	5.5	10
6	The broad phenotypic spectrum of 17Î±-hydroxylase/17,20-lyase (CYP17A1) deficiency: a case series. European Journal of Endocrinology, 2021, 185, 729-741.	1.9	12
7	Cellular ATP Levels Determine the Stability of a Nucleotide Kinase. Frontiers in Molecular Biosciences, 2021, 8, 790304.	1.6	3
8	Dimerization of the Sodium/Iodide Symporter. Thyroid, 2019, 29, 1485-1498.	2.4	9
9	Sulfation pathways from red to green. Journal of Biological Chemistry, 2019, 294, 12293-12312.	1.6	76
10	Melting Down Protein Stability: PAPS Synthase 2 in Patients and in a Cellular Environment. Frontiers in Molecular Biosciences, 2019, 6, 31.	1.6	10
11	SULFATION PATHWAYS: Insights into steroid sulfation and desulfation pathways. Journal of Molecular Endocrinology, 2018, 61, T271-T283.	1.1	34
12	Steroid sulfation research has come a long way. Journal of Molecular Endocrinology, 2018, 61, E5-E6.	1.1	3
13	Human DHEA sulfation requires direct interaction between PAPS synthase 2 and DHEA sulfotransferase SULT2A1. Journal of Biological Chemistry, 2018, 293, 9724-9735.	1.6	29
14	PAPS-Synthase: Dissecting Folding of a Large and Naturally Fragile Protein In Vitro and In Cellulo. Biophysical Journal, 2017, 112, 58a.	0.2	0
15	Structural and biochemical studies of sulphotransferase 18 from Arabidopsis thaliana explain its substrate specificity and reaction mechanism. Scientific Reports, 2017, 7, 4160.	1.6	18
16	Welcome to a SUPA issue. Chemico-Biological Interactions, 2016, 259, 1.	1.7	2
17	Sensing and signaling of oxidative stress in chloroplasts by inactivation of the SAL1 phosphoadenosine phosphatase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4567-76.	3.3	147
18	Small World: A Plant Perspective on Human Sulfate Activation. Proceedings of the International Plant Sulfur Workshop, 2015, , 65-74.	0.1	0

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19	PAPSS2 Deficiency Causes Androgen Excess via Impaired DHEA Sulfationâ€"In Vitro and in Vivo Studies in a Family Harboring Two Novel PAPSS2 Mutations. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E672-E680.	1.8	62
20	The Regulation of Steroid Action by Sulfation and Desulfation. Endocrine Reviews, 2015, 36, 526-563.	8.9	310
21	Transient Domain Interactions Enhance the Affinity of the Mitotic Regulator Pin1 toward Phosphorylated Peptide Ligands. Structure, 2013, 21, 1769-1777.	1.6	24
22	Adenosineâ€5â€²â€²phosphosulfate â€" a multifaceted modulator of bifunctional 3â€²â€²phosphoâ€adenosineâ€5â€²â€²phosphosulfate synthases and related enzymes. FEBS Journal, 2013, 280, 3050-3057.	2.2	39
23	3â€²-Phosphoadenosine 5â€²-Phosphosulfate (PAPS) Synthases, Naturally Fragile Enzymes Specifically Stabilized by Nucleotide Binding. Journal of Biological Chemistry, 2012, 287, 17645-17655.	1.6	37
24	Human PAPS Synthase Isoforms Are Dynamically Regulated Enzymes with Access to Nucleus and Cytoplasm. PLoS ONE, 2012, 7, e29559.	1.1	31
25	Crystallographic Proof for an Extended Hydrogen-Bonding Network in Small Prolyl Isomerases. Journal of the American Chemical Society, 2011, 133, 20096-20099.	6.6	30
26	A potential transcriptional regulator is out-of-frame translated from the metallothionein 2A messenger RNA. Analytical Biochemistry, 2011, 409, 159-161.	1.1	9
27	Structural basis for the role of the Sir3 AAA⁺ domain in silencing: interaction with Sir4 and unmethylated histone H3K79. Genes and Development, 2011, 25, 1835-1846.	2.7	40
28	Single-Domain Parvulins Constitute a Specific Marker for Recently Proposed Deep-Branching Archaeal Subgroups. Evolutionary Bioinformatics, 2011, 7, EBO.S7683.	0.6	4
29	Structure and Dynamics of the First Archaeal Parvulin Reveal a New Functionally Important Loop in Parvulin-type Prolyl Isomerases. Journal of Biological Chemistry, 2011, 286, 6554-6565.	1.6	23
30	A heterodimer of human 3â€²-phospho-adenosine-5â€²-phosphosulphate (PAPS) synthases is a new sulphate activating complex. Biochemical and Biophysical Research Communications, 2010, 395, 420-425.	1.0	30
31	The solution structure of pGolemi, a high affinity Mena EVH1 binding miniature protein, suggests explanations for paralog-specific binding to Ena/VASP homology (EVH) 1 domains. Biological Chemistry, 2009, 390, 417-426.	1.2	2
32	Small Family with Key Contacts: Par14 and Par17 Parvulin Proteins, Relatives of Pin1, Now Emerge in Biomedical Research. Perspectives in Medicinal Chemistry, 2008, 2, PMC.S496.	4.6	22
33	The DNA binding parvulin Par17 is targeted to the mitochondrial matrix by a recently evolved prepeptide uniquely present in Hominidae. BMC Biology, 2007, 5, 37.	1.7	29
34	Human TPST1 Transmembrane Domain Triggers Enzyme Dimerisation and Localisation to the Golgi Compartment. Journal of Molecular Biology, 2006, 361, 436-449.	2.0	24
35	Characterization of novel elongated Parvulin isoforms that are ubiquitously expressed in human tissues and originate from alternative transcription initiation. BMC Molecular Biology, 2006, 7, 9.	3.0	35
36	Structural Analysis of the Mitotic Regulator hPin1 in Solution. Journal of Biological Chemistry, 2003, 278, 26183-26193.	1.6	115

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37	A new regulator of small GTPases?. Trends in Biochemical Sciences, 2002, 27, 119.	3.7	0
38	NMR solution structure of h Par14 reveals similarity to the peptidyl prolyl cis/trans isomerase domain of the mitotic regulator h Pin1 but indicates a different functionality of the protein 1 1Edited by A. Fersht. Journal of Molecular Biology, 2000, 301, 1003-1017.	2.0	60
39	Differential subcellular localization of human Parvulin Proteins is accomplished by a Great-Apes-specific mitochondrial targeting peptide. , 0, 2007, .		0
40	A Molecular Pin for hPin1 Elucidating the Interaction of the Human Peptidyl Prolyl cis/trans Isomerase Pin1 with Membrane Lipids. , 0, 2007, .		0
41	A mitochondrial targeting peptide specific to Great Apes is responsible for the differential subcellular localization of human Parvulins. , 0, 2007, .		0
42	Unravelling the Function of Human DNA-Binding Protein Par14 in the Cellular Nucleus. , 0, 2008, .		0
43	Structure and function analysis of oligomeric protein species of human 3'-phospho-5'-adenosine-phosphosulphate (PAPS) synthetases. , 0, 2009, .		0
44	Differential impact of PAPS synthases on human sulfation pathways. Endocrine Abstracts, 0, , .	0.0	0
45	PAPS synthase 2 is the major PAPS-supplying enzyme for DHEA sulfation. Endocrine Abstracts, 0, , .	0.0	1
46	An investigation into sodium-iodide symporter (NIS) dimerization and its impact on radioiodide uptake in thyroid cancer. Endocrine Abstracts, 0, , .	0.0	0