

Diego J Walther

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

4,288
citations

471061

17
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

4914
citing authors

#	ARTICLE	IF	CITATIONS
1	A mouse model for intellectual disability caused by mutations in the X-linked 5-methyltransferase Ftsj1 gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2083-2093.	1.8	17
2	Production of Serotonin by Tryptophan Hydroxylase 1 and Release via Platelets Contribute to Allergic Airway Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 476-485.	2.5	86
3	Histaminylation of glutamine residues is a novel posttranslational modification implicated in G-protein signaling. <i>FEBS Letters</i> , 2012, 586, 3819-3824.	1.3	29
4	Novel roles for biogenic monoamines: from monoamines in transglutaminase-mediated posttranslational protein modification to monoaminylation deregulation diseases. <i>FEBS Journal</i> , 2011, 278, 4740-4755.	2.2	67
5	A tandem sequence motif acts as a distance-dependent enhancer in a set of genes involved in translation by binding the proteins NonO and SFPQ. <i>BMC Genomics</i> , 2011, 12, 624.	1.2	10
6	Alternative Splicing and Extensive RNA Editing of Human TPH2 Transcripts. <i>PLoS ONE</i> , 2010, 5, e8956.	1.1	61
7	Intracellular Serotonin Modulates Insulin Secretion from Pancreatic β -Cells by Protein Serotonylation. <i>PLoS Biology</i> , 2009, 7, e1000229.	2.6	298
8	A mammalianized synthetic nitroreductase gene for high-level expression. <i>BMC Cancer</i> , 2009, 9, 301.	1.1	17
9	Effect of Tryptophan Hydroxylase 1 Deficiency on the Development of Hypoxia-Induced Pulmonary Hypertension. <i>Hypertension</i> , 2007, 49, 232-236.	1.3	105
10	Characterization of a Functional Promoter Polymorphism of the Human Tryptophan Hydroxylase 2 Gene in Serotonergic Raphe Neurons. <i>Biological Psychiatry</i> , 2007, 62, 1288-1294.	0.7	124
11	Development of antithrombotic miniribozymes that target peripheral tryptophan hydroxylase. <i>Molecular and Cellular Biochemistry</i> , 2007, 295, 205-215.	1.4	4
12	Platelet-Derived Serotonin Mediates Liver Regeneration. <i>Science</i> , 2006, 312, 104-107.	6.0	701
13	The First Luminal Domain of Vesicular Monoamine Transporters Mediates G-protein-dependent Regulation of Transmitter Uptake. <i>Journal of Biological Chemistry</i> , 2006, 281, 33373-33385.	1.6	57
14	Functional Domains of Human Tryptophan Hydroxylase 2 (hTPH2). <i>Journal of Biological Chemistry</i> , 2006, 281, 28105-28112.	1.6	44
15	Ca ²⁺ Regulates Vesicular Glutamate Transporter Activity by Changing Its Chloride Dependence. <i>Journal of Neuroscience</i> , 2005, 25, 4672-4680.	1.7	37
16	Serotonin Regulates Mammary Gland Development via an Autocrine-Paracrine Loop. <i>Developmental Cell</i> , 2004, 6, 193-203.	3.1	219
17	Synthesis of Serotonin by a Second Tryptophan Hydroxylase Isoform. <i>Science</i> , 2003, 299, 76-76.	6.0	1,308
18	A unique central tryptophan hydroxylase isoform. <i>Biochemical Pharmacology</i> , 2003, 66, 1673-1680.	2.0	614

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19	Serotonylation of Small GTPases Is a Signal Transduction Pathway that Triggers Platelet α -Granule Release. <i>Cell</i> , 2003, 115, 851-862.	13.5	426
20	7-hydroxytryptophan, a novel, specific, cytotoxic agent for carcinoids and other serotonin-producing tumors. <i>Cancer</i> , 2002, 94, 3135-3140.	2.0	26
21	Serotonin synthesis in murine embryonic stem cells. <i>Molecular Brain Research</i> , 1999, 68, 55-63.	2.5	38