Daniel J Peet

List of Publications by Year
in descending order

59 papers	7,429 citations	159585 30 h-index	144013 57 g-index
62 all docs	62 docs citations	62 times ranked	8186 citing authors

#	Article	IF	Citations
1	Molecular characterisation of rare loss-of-function NPAS3 and NPAS4 variants identified in individuals with neurodevelopmental disorders. Scientific Reports, 2021, 11, 6602.	3.3	6
2	Power to seeâ€"Drivers of aerobic glycolysis in the mammalian retina: A review. Clinical and Experimental Ophthalmology, 2020, 48, 1057-1071.	2.6	11
3	Asparagine Hydroxylation is a Reversible Post-translational Modification. Molecular and Cellular Proteomics, 2020, 19, 1777-1789.	3.8	13
4	Oxygen-dependent bond formation with FIH regulates the activity of the client protein OTUB1. Redox Biology, 2019, 26, 101265.	9.0	16
5	Characterization of the novel spontaneously immortalized rat MÃ¼ller cell line SIRMu-1. Experimental Eye Research, 2019, 181, 127-135.	2.6	7
6	The conservation and functionality of the oxygen-sensing enzyme Factor Inhibiting HIF (FIH) in non-vertebrates. PLoS ONE, 2019, 14, e0216134.	2.5	7
7	RNA sequencing data of cultured primary rat MÃ¼ller cells, the spontaneously immortalized rat MÃ¼ller cell line, SIRMu-1, and the SV40-transformed rat MÃ¼ller cell line, rMC-1. Data in Brief, 2019, 23, 103721.	1.0	0
8	When is a target not a target?. ELife, 2019, 8, .	6.0	6
9	The Factor Inhibiting HIF Asparaginyl Hydroxylase Regulates Oxidative Metabolism and Accelerates Metabolic Adaptation to Hypoxia. Cell Metabolism, 2018, 27, 898-913.e7.	16.2	55
10	HIF signalling: The eyes have it. Experimental Cell Research, 2017, 356, 136-140.	2.6	20
11	HIF-2Î± Promotes Dissemination of Plasma Cells in Multiple Myeloma by Regulating CXCL12/CXCR4 and CCR1. Cancer Research, 2017, 77, 5452-5463.	0.9	41
12	Ankyrin Repeat Proteins of Orf Virus Influence the Cellular Hypoxia Response Pathway. Journal of Virology, 2017, 91, .	3.4	14
13	Modulation of TRP Channel Activity by Hydroxylation and Its Therapeutic Potential. Pharmaceuticals, 2017, 10, 35.	3.8	8
14	M-Type Pyruvate Kinase Isoforms and Lactate Dehydrogenase A in the Mammalian Retina: Metabolic Implications. , 2016, 57, 66.		46
15	<scp>MAGED</scp>1 is a novel regulator of a select subset of <scp>bHLH PAS</scp> transcription factors. FEBS Journal, 2016, 283, 3488-3502.	4.7	11
16	FIH Regulates Cellular Metabolism through Hydroxylation of the Deubiquitinase OTUB1. PLoS Biology, 2016, 14, e1002347.	5.6	78
17	Oxygen-regulated gene expression in murine cumulus cells. Reproduction, Fertility and Development, 2015, 27, 407.	0.4	15
18	Potential adverse effects to the retina of cancer therapy targeting pyruvate kinase M2. Acta OncolÃ³gica, 2015, 54, 136-137.	1.8	1

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19	Hypoxia inducible factor single nucleotide polymorphisms: exploring the role of <scp>HIF</scp> polymorphisms in retinal disease. Clinical and Experimental Ophthalmology, 2015, 43, 1-2.	2.6	1
20	Cancerâ€like metabolism of the mammalian retina. Clinical and Experimental Ophthalmology, 2015, 43, 367-376.	2.6	75
21	Human Variants in the Neuronal Basic Helix-Loop-Helix/Per-Arnt-Sim (bHLH/PAS) Transcription Factor Complex NPAS4/ARNT2 Disrupt Function. PLoS ONE, 2014, 9, e85768.	2.5	22
22	Oxygen-dependent hydroxylation by Factor Inhibiting HIF (FIH) regulates the TRPV3 ion channel. Journal of Cell Science, 2014, 128, 225-31.	2.0	36
23	Characterization of human variants in obesity-related SIM1 protein identifies a hot-spot for dimerization with the partner protein ARNT2. Biochemical Journal, 2014, 461, 403-412.	3.7	10
24	bHLHâ€"PAS proteins in cancer. Nature Reviews Cancer, 2013, 13, 827-841.	28.4	197
25	Reciprocal regulation of the basic helixâ€"loopâ€"helix/Perâ€"Arntâ€"Sim partner proteins, Arnt and Arnt2, during neuronal differentiation. Nucleic Acids Research, 2013, 41, 5626-5638.	14.5	29
26	Rare variants in single-minded 1 (SIM1) are associated with severe obesity. Journal of Clinical Investigation, 2013, 123, 3042-3050.	8.2	135
27	Loss-of-function mutations in SIM1 contribute to obesity and Prader-Williâ€"like features. Journal of Clinical Investigation, 2013, 123, 3037-3041.	8.2	105
28	Factor Inhibiting HIF (FIH) Recognizes Distinct Molecular Features within Hypoxia-inducible Factor-Î± (HIF-Î±) versus Ankyrin Repeat Substrates. Journal of Biological Chemistry, 2012, 287, 8769-8781.	3.4	27
29	The Transcription Factor Encyclopedia. Genome Biology, 2012, 13, R24.	9.6	103
30	Hypoxic Induction of the Regulator of G-Protein Signalling 4 Gene Is Mediated by the Hypoxia-Inducible Factor Pathway. PLoS ONE, 2012, 7, e44564.	2.5	14
31	The emerging role of hypoxia, HIF-1 and HIF-2 in multiple myeloma. Leukemia, 2011, 25, 1533-1542.	7.2	117
32	Hypoxia-inducible factor-2 is a novel regulator of aberrant CXCL12 expression in multiple myeloma plasma cells. Haematologica, 2010, 95, 776-784.	3.5	84
33	Consequences of IkappaB alpha hydroxylation by the factor inhibiting HIF (FIH). FEBS Letters, 2010, 584, 4725-4730.	2.8	19
34	Hormonally regulated follicle differentiation and luteinization in the mouse is associated with hypoxia inducible factor activity. Molecular and Cellular Endocrinology, 2010, 327, 47-55.	3.2	42
35	The Asparaginyl Hydroxylase Factor Inhibiting HIF-1Î± Is an Essential Regulator of Metabolism. Cell Metabolism, 2010, 11, 364-378.	16.2	204
36	From Polyps to People. Annals of the New York Academy of Sciences, 2009, 1177, 19-29.	3.8	40

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37	Differences in hydroxylation and binding of Notch and HIF-1Î± demonstrate substrate selectivity for factor inhibiting HIF-1 (FIH-1). International Journal of Biochemistry and Cell Biology, 2009, 41, 1563-1571.	2.8	55
38	Turn me on: regulating HIF transcriptional activity. Cell Death and Differentiation, 2008, 15, 642-649.	11.2	187
39	Interaction with factor inhibiting HIF-1 defines an additional mode of cross-coupling between the Notch and hypoxia signaling pathways. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3368-3373.	7.1	235
40	Characterization of Ankyrin Repeatâ€“Containing Proteins as Substrates of the Asparaginyl Hydroxylase Factor Inhibiting Hypoxiaâ€Inducible Transcription Factor. Methods in Enzymology, 2007, 435, 61-85.	1.0	24
41	Cell-specific Regulation of Hypoxia-inducible Factor (HIF)-1Î± and HIF-2Î± Stabilization and Transactivation in a Graded Oxygen Environment. Journal of Biological Chemistry, 2006, 281, 22575-22585.	3.4	182
42	Regulation of HIF: asparaginyl hydroxylation. Novartis Foundation Symposium, 2006, 272, 37-49; discussion 49-53, 131-40.	1.1	14
43	Activity of Hypoxia-inducible Factor 2Î± Is Regulated by Association with the NF-ÎºB Essential Modulator. Journal of Biological Chemistry, 2005, 280, 14240-14251.	3.4	61
44	Oxygen-Dependent Asparagine Hydroxylation. Methods in Enzymology, 2004, 381, 467-487.	1.0	17
45	Substrate Requirements of the Oxygen-sensing Asparaginyl Hydroxylase Factor-inhibiting Hypoxia-inducible Factor. Journal of Biological Chemistry, 2004, 279, 14391-14397.	3.4	62
46	The hypoxia-inducible factors: key transcriptional regulators of hypoxic responses. Cellular and Molecular Life Sciences, 2003, 60, 1376-1393.	5.4	217
47	Oxygenâ€dependent regulation of hypoxiaâ€inducible factors by prolyl and asparaginyl hydroxylation. FEBS Journal, 2003, 270, 781-790.	0.2	117
48	Defining the Role for XAP2 in Stabilization of the Dioxin Receptor. Journal of Biological Chemistry, 2003, 278, 35878-35888.	3.4	82
49	FIH-1 is an asparaginyl hydroxylase enzyme that regulates the transcriptional activity of hypoxia-inducible factor. Genes and Development, 2002, 16, 1466-1471.	5.9	1,303
50	Mammalian Two-Hybrid Assay Showing Redox Control of HIF-Like Factor. Methods in Enzymology, 2002, 353, 3-10.	1.0	3
51	Asparagine Hydroxylation of the HIF Transactivation Domain: A Hypoxic Switch. Science, 2002, 295, 858-861.	12.6	1,372
52	Regulation of Gene Expression by the Hypoxia-Inducible Factors. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2002, 2, 229-243.	3.4	74
53	Engineering novel specificities for ligand-activated transcription in the nuclear hormone receptor RXR. Chemistry and Biology, 1998, 5, 13-21.	6.0	44
54	The LXRs: a new class of oxysterol receptors. Current Opinion in Genetics and Development, 1998, 8, 571-575.	3.3	348

#	Article	IF	Citations
55	Cholesterol and Bile Acid Metabolism Are Impaired in Mice Lacking the Nuclear Oxysterol Receptor LXRÎ±. Cell, 1998, 93, 693-704.	28.9	1,322
56	Hairs from Patients with Maple Syrup Urine Disease Show a Structural Defect in the Fiber Cuticle. Journal of Investigative Dermatology, 1996, 106, 461-464.	0.7	32
57	Covalently Bound Fatty Acids and Ceramides in Wool. Journal of the Textile Institute, 1996, 87, 608-611.	1.9	2
58	A comparative study of covalently-bound fatty acids in keratinized tissues. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1992, 102, 363-366.	0.2	4
59	Regulation of HIF: Asparaginyl Hydroxylation. Novartis Foundation Symposium, 0, , 37-53.	1.1	34