

# Daniel J Peet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5308395/publications.pdf>

Version: 2024-02-01

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	Asparagine Hydroxylation of the HIF Transactivation Domain: A Hypoxic Switch. <i>Science</i> , 2002, 295, 858-861.	12.6	1,372
2	Cholesterol and Bile Acid Metabolism Are Impaired in Mice Lacking the Nuclear Oxysterol Receptor LXR $\beta$ . <i>Cell</i> , 1998, 93, 693-704.	28.9	1,322
3	FIH-1 is an asparaginyl hydroxylase enzyme that regulates the transcriptional activity of hypoxia-inducible factor. <i>Genes and Development</i> , 2002, 16, 1466-1471.	5.9	1,303
4	The LXRs: a new class of oxysterol receptors. <i>Current Opinion in Genetics and Development</i> , 1998, 8, 571-575.	3.3	348
5	Interaction with factor inhibiting HIF-1 defines an additional mode of cross-coupling between the Notch and hypoxia signaling pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3368-3373.	7.1	235
6	The hypoxia-inducible factors: key transcriptional regulators of hypoxic responses. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1376-1393.	5.4	217
7	The Asparaginyl Hydroxylase Factor Inhibiting HIF-1 $\beta$ Is an Essential Regulator of Metabolism. <i>Cell Metabolism</i> , 2010, 11, 364-378.	16.2	204
8	bHLH $\beta$ -PAS proteins in cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 827-841.	28.4	197
9	Turn me on: regulating HIF transcriptional activity. <i>Cell Death and Differentiation</i> , 2008, 15, 642-649.	11.2	187
10	Cell-specific Regulation of Hypoxia-inducible Factor (HIF)-1 $\beta$ and HIF-2 $\beta$ Stabilization and Transactivation in a Graded Oxygen Environment. <i>Journal of Biological Chemistry</i> , 2006, 281, 22575-22585.	3.4	182
11	Rare variants in single-minded 1 (SIM1) are associated with severe obesity. <i>Journal of Clinical Investigation</i> , 2013, 123, 3042-3050.	8.2	135
12	Oxygen $\beta$ -dependent regulation of hypoxia $\beta$ -inducible factors by prolyl and asparaginyl hydroxylation. <i>FEBS Journal</i> , 2003, 270, 781-790.	0.2	117
13	The emerging role of hypoxia, HIF-1 and HIF-2 in multiple myeloma. <i>Leukemia</i> , 2011, 25, 1533-1542.	7.2	117
14	Loss-of-function mutations in SIM1 contribute to obesity and Prader-Willi $\beta$ -like features. <i>Journal of Clinical Investigation</i> , 2013, 123, 3037-3041.	8.2	105
15	The Transcription Factor Encyclopedia. <i>Genome Biology</i> , 2012, 13, R24.	9.6	103
16	Hypoxia-inducible factor-2 is a novel regulator of aberrant CXCL12 expression in multiple myeloma plasma cells. <i>Haematologica</i> , 2010, 95, 776-784.	3.5	84
17	Defining the Role for XAP2 in Stabilization of the Dioxin Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 35878-35888.	3.4	82
18	FIH Regulates Cellular Metabolism through Hydroxylation of the Deubiquitinase OTUB1. <i>PLoS Biology</i> , 2016, 14, e1002347.	5.6	78

#	ARTICLE	IF	CITATIONS
19	Cancer-like metabolism of the mammalian retina. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 367-376.	2.6	75
20	Regulation of Gene Expression by the Hypoxia-Inducible Factors. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2002, 2, 229-243.	3.4	74
21	Substrate Requirements of the Oxygen-sensing Asparaginyl Hydroxylase Factor-inhibiting Hypoxia-inducible Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 14391-14397.	3.4	62
22	Activity of Hypoxia-inducible Factor 2 $\beta$ Is Regulated by Association with the NF- $\kappa$ B Essential Modulator. <i>Journal of Biological Chemistry</i> , 2005, 280, 14240-14251.	3.4	61
23	Differences in hydroxylation and binding of Notch and HIF-1 $\beta$ demonstrate substrate selectivity for factor inhibiting HIF-1 (FIH-1). <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1563-1571.	2.8	55
24	The Factor Inhibiting HIF Asparaginyl Hydroxylase Regulates Oxidative Metabolism and Accelerates Metabolic Adaptation to Hypoxia. <i>Cell Metabolism</i> , 2018, 27, 898-913.e7.	16.2	55
25	M-Type Pyruvate Kinase Isoforms and Lactate Dehydrogenase A in the Mammalian Retina: Metabolic Implications. , 2016, 57, 66.		46
26	Engineering novel specificities for ligand-activated transcription in the nuclear hormone receptor RXR. <i>Chemistry and Biology</i> , 1998, 5, 13-21.	6.0	44
27	Hormonally regulated follicle differentiation and luteinization in the mouse is associated with hypoxia inducible factor activity. <i>Molecular and Cellular Endocrinology</i> , 2010, 327, 47-55.	3.2	42
28	HIF-2 $\beta$ Promotes Dissemination of Plasma Cells in Multiple Myeloma by Regulating CXCL12/CXCR4 and CCR1. <i>Cancer Research</i> , 2017, 77, 5452-5463.	0.9	41
29	From Polyps to People. <i>Annals of the New York Academy of Sciences</i> , 2009, 1177, 19-29.	3.8	40
30	Oxygen-dependent hydroxylation by Factor Inhibiting HIF (FIH) regulates the TRPV3 ion channel. <i>Journal of Cell Science</i> , 2014, 128, 225-31.	2.0	36
31	Regulation of HIF: Asparaginyl Hydroxylation. <i>Novartis Foundation Symposium</i> , 0, , 37-53.	1.1	34
32	Hairs from Patients with Maple Syrup Urine Disease Show a Structural Defect in the Fiber Cuticle. <i>Journal of Investigative Dermatology</i> , 1996, 106, 461-464.	0.7	32
33	Reciprocal regulation of the basic helix-loop-helix/Per-Arnt-Sim partner proteins, Arnt and Arnt2, during neuronal differentiation. <i>Nucleic Acids Research</i> , 2013, 41, 5626-5638.	14.5	29
34	Factor Inhibiting HIF (FIH) Recognizes Distinct Molecular Features within Hypoxia-inducible Factor-1 $\beta$ (HIF-1 $\beta$ ) versus Ankyrin Repeat Substrates. <i>Journal of Biological Chemistry</i> , 2012, 287, 8769-8781.	3.4	27
35	Characterization of Ankyrin Repeat-Containing Proteins as Substrates of the Asparaginyl Hydroxylase Factor Inhibiting Hypoxia-inducible Transcription Factor. <i>Methods in Enzymology</i> , 2007, 435, 61-85.	1.0	24
36	Human Variants in the Neuronal Basic Helix-Loop-Helix/Per-Arnt-Sim (bHLH/PAS) Transcription Factor Complex NPAS4/ARNT2 Disrupt Function. <i>PLoS ONE</i> , 2014, 9, e85768.	2.5	22

#	ARTICLE	IF	CITATIONS
37	HIF signalling: The eyes have it. <i>Experimental Cell Research</i> , 2017, 356, 136-140.	2.6	20
38	Consequences of I $\kappa$ B $\alpha$ hydroxylation by the factor inhibiting HIF (FIH). <i>FEBS Letters</i> , 2010, 584, 4725-4730.	2.8	19
39	Oxygen-Dependent Asparagine Hydroxylation. <i>Methods in Enzymology</i> , 2004, 381, 467-487.	1.0	17
40	Oxygen-dependent bond formation with FIH regulates the activity of the client protein OTUB1. <i>Redox Biology</i> , 2019, 26, 101265.	9.0	16
41	Oxygen-regulated gene expression in murine cumulus cells. <i>Reproduction, Fertility and Development</i> , 2015, 27, 407.	0.4	15
42	Hypoxic Induction of the Regulator of G-Protein Signalling 4 Gene Is Mediated by the Hypoxia-Inducible Factor Pathway. <i>PLoS ONE</i> , 2012, 7, e44564.	2.5	14
43	Ankyrin Repeat Proteins of Orf Virus Influence the Cellular Hypoxia Response Pathway. <i>Journal of Virology</i> , 2017, 91, .	3.4	14
44	Regulation of HIF: asparaginyl hydroxylation. <i>Novartis Foundation Symposium</i> , 2006, 272, 37-49; discussion 49-53, 131-40.	1.1	14
45	Asparagine Hydroxylation is a Reversible Post-translational Modification. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1777-1789.	3.8	13
46	<sc>MAGED</sc>1 is a novel regulator of a select subset of <sc>bHLH PAS</sc> transcription factors. <i>FEBS Journal</i> , 2016, 283, 3488-3502.	4.7	11
47	Power to see—Drivers of aerobic glycolysis in the mammalian retina: A review. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1057-1071.	2.6	11
48	Characterization of human variants in obesity-related SIM1 protein identifies a hot-spot for dimerization with the partner protein ARNT2. <i>Biochemical Journal</i> , 2014, 461, 403-412.	3.7	10
49	Modulation of TRP Channel Activity by Hydroxylation and Its Therapeutic Potential. <i>Pharmaceuticals</i> , 2017, 10, 35.	3.8	8
50	Characterization of the novel spontaneously immortalized rat Müller cell line SIRMu-1. <i>Experimental Eye Research</i> , 2019, 181, 127-135.	2.6	7
51	The conservation and functionality of the oxygen-sensing enzyme Factor Inhibiting HIF (FIH) in non-vertebrates. <i>PLoS ONE</i> , 2019, 14, e0216134.	2.5	7
52	Molecular characterisation of rare loss-of-function NPAS3 and NPAS4 variants identified in individuals with neurodevelopmental disorders. <i>Scientific Reports</i> , 2021, 11, 6602.	3.3	6
53	When is a target not a target?. <i>ELife</i> , 2019, 8, .	6.0	6
54	A comparative study of covalently-bound fatty acids in keratinized tissues. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1992, 102, 363-366.	0.2	4

#	ARTICLE	IF	CITATIONS
55	Mammalian Two-Hybrid Assay Showing Redox Control of HIF-Like Factor. <i>Methods in Enzymology</i> , 2002, 353, 3-10.	1.0	3
56	Covalently Bound Fatty Acids and Ceramides in Wool. <i>Journal of the Textile Institute</i> , 1996, 87, 608-611.	1.9	2
57	Potential adverse effects to the retina of cancer therapy targeting pyruvate kinase M2. <i>Acta Oncologica</i> , 2015, 54, 136-137.	1.8	1
58	Hypoxia inducible factor single nucleotide polymorphisms: exploring the role of HIF polymorphisms in retinal disease. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 1-2.	2.6	1
59	RNA sequencing data of cultured primary rat Müller cells, the spontaneously immortalized rat Müller cell line, SIRMu-1, and the SV40-transformed rat Müller cell line, rMC-1. <i>Data in Brief</i> , 2019, 23, 103721.	1.0	0