Philippe Jay

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Intestinal epithelial tuft cell induction is negated by a murine helminth and its secreted products. Journal of Experimental Medicine, 2022, 219, .	8.5	40
2	The IL-25-dependent tuft cell circuit driven by intestinal helminths requires macrophage migration inhibitory factor (MIF). Mucosal Immunology, 2022, 15, 1243-1256.	6.0	18
3	Progastrin production transitions from Bmi1+/Prox1+ to Lgr5high cells during early intestinal tumorigenesis. Translational Oncology, 2021, 14, 101001.	3.7	1
4	The HSP90/R2TP assembly chaperone promotes cell proliferation in the intestinal epithelium. Nature Communications, 2021, 12, 4810.	12.8	7
5	Tuft cells: sentinels of the intestinal mucosa. Comptes Rendus - Biologies, 2021, 344, 263-273.	0.2	0
6	Tuft Cells Increase Following Ovine Intestinal Parasite Infections and Define Evolutionarily Conserved and Divergent Responses. Frontiers in Immunology, 2021, 12, 781108.	4.8	9
7	Expression of POU2F3 Transcription Factor Control Inflammation, Immunological Recruitment and Metastasis of Pancreatic Cancer in Mice. Biology, 2020, 9, 341.	2.8	5
8	Loss of Apc Rapidly Impairs DNA Methylation Programs and Cell Fate Decisions in Lgr5+ Intestinal Stem Cells. Cancer Research, 2020, 80, 2101-2113.	0.9	13
9	A Semi-automated Organoid Screening Method Demonstrates Epigenetic Control of Intestinal Epithelial Differentiation. Frontiers in Cell and Developmental Biology, 2020, 8, 618552.	3.7	13
10	Single-cell mapping of the thymic stroma identifies IL-25-producing tuft epithelial cells. Nature, 2018, 559, 622-626.	27.8	235
11	Cell-Cycle Regulation Accounts for Variability in Ki-67 Expression Levels. Cancer Research, 2017, 77, 2722-2734.	0.9	263
12	The cell proliferation antigen Ki-67 organises heterochromatin. ELife, 2016, 5, e13722.	6.0	237
13	Intestinal tuft cells: epithelial sentinels linking luminal cues to the immune system. Mucosal Immunology, 2016, 9, 1353-1359.	6.0	107
14	Intestinal epithelial tuft cells initiate type 2 mucosal immunity to helminth parasites. Nature, 2016, 529, 226-230.	27.8	706
15	The Cytosolic Bacterial Peptidoglycan Sensor Nod2 Affords Stem Cell Protection and Links Microbes to Gut Epithelial Regeneration. Cell Host and Microbe, 2014, 15, 792-798.	11.0	216
16	Random chromosome segregation in mouse intestinal epithelial stem cells. Chromosome Research, 2013, 21, 213-224.	2.2	0
17	Type 2 cGMP-dependent protein kinase regulates proliferation and differentiation in the colonic mucosa. American Journal of Physiology - Renal Physiology, 2012, 303, G209-G219.	3.4	39
18	An Integrated Chemical Biology Approach Provides Insight into Cdk2 Functional Redundancy and Inhibitor Sensitivity. Chemistry and Biology, 2012, 19, 1028-1040.	6.0	36

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19	The intestinal epithelium tuft cells: specification and function. Cellular and Molecular Life Sciences, 2012, 69, 2907-2917.	5.4	214
20	Hierarchy and plasticity in the crypt: back to the drawing board. Cell Research, 2011, 21, 1652-1654.	12.0	3
21	Distinct ATOH1 and Neurog3 requirements define tuft cells as a new secretory cell type in the intestinal epithelium. Journal of Cell Biology, 2011, 192, 767-780.	5.2	337
22	Intestinal epithelial stem cells do not protect their genome by asymmetric chromosome segregation. Nature Communications, 2011, 2, 258.	12.8	59
23	â€œThe Immortal DNA Strandâ€ Difficult to Digest?. Cell Stem Cell, 2010, 6, 298-299.	11.1	5
24	A 20-Amino Acid Module of Protein Kinase CÎµ Involved in Translocation and Selective Targeting at Cell-Cell Contacts. Journal of Biological Chemistry, 2009, 284, 18808-18815.	3.4	7
25	A new mechanism of SOX9 action to regulate PKCÎ± expression in the intestine epithelium. Journal of Cell Science, 2009, 122, 2191-2196.	2.0	19
26	DCAMKL-1 Expression Identifies Tuft Cells Rather Than Stem Cells in the Adult Mouse Intestinal Epithelium. Gastroenterology, 2009, 137, 2179-2180.	1.3	150
27	CEACAM1, a SOX9 direct transcriptional target identified in the colon epithelium. Oncogene, 2008, 27, 7131-7138.	5.9	37
28	Maturation of Paneth Cells Induces the Refractory State of Newborn Mice to<i>Shigella</i>Infection. Journal of Immunology, 2008, 180, 4924-4930.	0.8	47
29	Defective Claudin-7 Regulation by Tcf-4 and Sox-9 Disrupts the Polarity and Increases the Tumorigenicity of Colorectal Cancer Cells. Cancer Research, 2008, 68, 4258-4268.	0.9	108
30	Sox9 regulates cell proliferation and is required for Paneth cell differentiation in the intestinal epithelium. Journal of Cell Biology, 2007, 178, 635-648.	5.2	412
31	Î²-Catenin/Tcf-4 Inhibition After Progastrin Targeting Reduces Growth and Drives Differentiation of Intestinal Tumors. Gastroenterology, 2007, 133, 1554-1568.	1.3	41
32	Wnt signalling induces maturation of Paneth cells in intestinal crypts. Nature Cell Biology, 2005, 7, 381-386.	10.3	555
33	Expression of the Carcinoembryonic Antigen Gene Is Inhibited by SOX9 in Human Colon Carcinoma Cells. Cancer Research, 2005, 65, 2193-2198.	0.9	56
34	SOX9 is an intestine crypt transcription factor, is regulated by the Wnt pathway, and represses the CDX2 and MUC2 genes. Journal of Cell Biology, 2004, 166, 37-47.	5.2	422
35	SOX7 transcription factor: sequence, chromosomal localisation, expression, transactivation and interference with Wnt signalling. Nucleic Acids Research, 2001, 29, 4274-4283.	14.5	142
36	Wnt signaling is required for thymocyte development and activates Tcf-1 mediated transcription. European Journal of Immunology, 2001, 31, 285-293.	2.9	5

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37	ARP3Î², the gene encoding a new human actin-related protein, is alternatively spliced and predominantly expressed in brain neuronal cells. FEBS Journal, 2000, 267, 2921-2928.	0.2	29
38	Diversification Pattern of the HMG and SOX Family Members During Evolution. Journal of Molecular Evolution, 1999, 48, 517-527.	1.8	98
39	Characterization of two Sp1 binding sites of the human sex determining SRY promoter. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1397, 247-252.	2.4	26
40	Mutation in the 5â€² noncoding region of the SRY gene in an XY sex-reversed patient. Human Mutation, 1998, 11, S192-S194.	2.5	22
41	Further complexity of the humanSOXgene family revealed by the combined use of highly degenerate primers and nested PCR. FEBS Letters, 1998, 438, 311-314.	2.8	22
42	Phosphorylation of an N-terminal Motif Enhances DNA-binding Activity of the Human SRY Protein. Journal of Biological Chemistry, 1998, 273, 7988-7995.	3.4	68
43	SOX22 is a new member of the SOX gene family, mainly expressed in human nervous tissue. Human Molecular Genetics, 1997, 6, 1069-1077.	2.9	43
44	Isolation and Regional Mapping of cDNAs Expressed during Early Human Development. Genomics, 1997, 39, 104-108.	2.9	15
45	The human growth factor-inducible immediate early gene, CYR61, maps to chromosome 1p. Oncogene, 1997, 14, 1753-1757.	5.9	64
46	The human necdin gene, NDN, is maternally imprinted and located in the Prader-Willi syndrome chromosomal region. Nature Genetics, 1997, 17, 357-361.	21.4	241
47	Specific Inhibition of Stat3 Signal Transduction by PIAS3. Science, 1997, 278, 1803-1805.	12.6	883
48	Cloning of the Human Homologue of the TGFÎ²-Stimulated Clone 22 Gene. Biochemical and Biophysical Research Communications, 1996, 222, 821-826.	2.1	39
49	PC8 [corrected], a new member of the convertase family. Biochemical Journal, 1996, 314, 727-731.	3.7	94
50	Mutations in the human Sonic Hedgehog gene cause holoprosencephaly. Nature Genetics, 1996, 14, 357-360.	21.4	1,075
51	Characterization of the human jumonji gene. Human Molecular Genetics, 1996, 5, 1637-1641.	2.9	32
52	The Human SOX11 Gene: Cloning, Chromosomal Assignment and Tissue Expression. Genomics, 1995, 29, 541-545.	2.9	80