Pierre-Olivier Angrand

List of Publications by Year
in descending order

37 papers	3,173 citations	331538 21 h-index	345118 36 g-index
42 all docs	42 docs citations	42 times ranked	5284 citing authors

#	Article	IF	Citations
1	A physical and functional map of the human TNF-Î±/NF-Î²B signal transduction pathway. Nature Cell Biology, 2004, 6, 97-105.	4.6	970
2	Improved properties of FLP recombinase evolved by cycling mutagenesis. Nature Biotechnology, 1998, 16, 657-662.	9.4	374
3	NSD1 is essential for early post-implantation development and has a catalytically active SET domain. EMBO Journal, 2003, 22, 3153-3163.	3.5	292
4	Temporally and spatially regulated somatic mutagenesis in mice. Nucleic Acids Research, 1998, 26, 1427-1432.	6.5	173
5	NSD3, a New SET Domain-Containing Gene, Maps to 8p12 and Is Amplified in Human Breast Cancer Cell Lines. Genomics, 2001, 74, 79-88.	1.3	166
6	The control of histone lysine methylation in epigenetic regulation. Biochimie, 2007, 89, 1-20.	1.3	160
7	Transgenic Mouse Proteomics Identifies New 14-3-3-associated Proteins Involved in Cytoskeletal Rearrangements and Cell Signaling. Molecular and Cellular Proteomics, 2006, 5, 2211-2227.	2.5	130
8	Interaction Proteomics Analysis of Polycomb Proteins Defines Distinct PRC1 Complexes in Mammalian Cells. Molecular and Cellular Proteomics, 2011, 10, M110.002642.	2.5	122
9	The role of long non-coding RNAs in genome formatting and expression. Frontiers in Genetics, 2015, 6, 165.	1.1	107
10	Diverse involvement of EZH2 in cancer epigenetics. American Journal of Translational Research (discontinued), 2015, 7, 175-93.	0.0	90
11	A simple assay to determine the functionality of Cre or FLP recombination targets in genomic manipulation constructs. Nucleic Acids Research, 1996, 24, 3118-3119.	6.5	87
12	Interaction proteomics: characterization of protein complexes using tandem affinity purificationâ€“mass spectrometry. Biochemical Society Transactions, 2010, 38, 883-887.	1.6	47
13	Protein quality control in the nucleolus safeguards recovery of epigenetic regulators after heat shock. ELife, 2019, 8, .	2.8	46
14	Functional characterization of human Polycomb-like 3 isoforms identifies them as components of distinct EZH2 protein complexes. Biochemical Journal, 2011, 434, 333-342.	1.7	39
15	The histone methyltransferase SUV420H2 and Heterochromatin Proteins HP1 interact but show different dynamic behaviours. BMC Cell Biology, 2009, 10, 41.	3.0	36
16	The histone lysine methyltransferase Ezh2 is required for maintenance of the intestine integrity and for caudal fin regeneration in zebrafish. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 1079-1093.	0.9	35
17	Targeted insertion results in a Rhombomere 2-specificHoxa2 knockdown and ectopic activation ofHoxa1 expression. Developmental Dynamics, 2002, 225, 305-315.	0.8	33
18	Analysis of the human HP1 interactome reveals novel binding partners. Biochemical and Biophysical Research Communications, 2011, 413, 206-211.	1.0	32

#	Article	IF	Citations
19	Genetic Engineering of Zebrafish in Cancer Research. Cancers, 2020, 12, 2168.	1.7	30
20	Enhancement of Breast Cancer Cell Aggressiveness by lncRNA H19 and its Mir-675 Derivative: Insight into Shared and Different Actions. Cancers, 2020, 12, 1730.	1.7	26
21	A human Polycomb isoform lacking the Pc box does not participate to PRC1 complexes but forms protein assemblies and represses transcription. Epigenetics, 2012, 7, 482-491.	1.3	23
22	The zebrafish genes encoding the Polycomb repressive complex (PRC) 1. Gene, 2011, 475, 10-21.	1.0	21
23	Cell Adhesion Properties on Chemically Micropatterned Boron-Doped Diamond Surfaces. Langmuir, 2010, 26, 15065-15069.	1.6	18
24	The Polycomb Group Protein Pcgf1 Is Dispensable in Zebrafish but Involved in Early Growth and Aging. PLoS ONE, 2016, 11, e0158700.	1.1	18
25	Ezh1 arises from Ezh2 gene duplication but its function is not required for zebrafish development. Scientific Reports, 2019, 9, 4319.	1.6	17
26	Vimentin Promotes the Aggressiveness of Triple Negative Breast Cancer Cells Surviving Chemotherapeutic Treatment. Cells, 2021, 10, 1504.	1.8	14
27	PRC1 components exhibit different binding kinetics in Polycomb bodies. Biology of the Cell, 2014, 106, 111-125.	0.7	13
28	The Kw Recombinase, an Integrase from Kluyveromyces Waltii. FEBS Journal, 1997, 248, 903-912.	0.2	11
29	Combining genotypic and phenotypic analyses on single mutant zebrafish larvae. MethodsX, 2018, 5, 244-256.	0.7	10
30	H3.3K27M Mutation Controls Cell Growth and Resistance to Therapies in Pediatric Glioma Cell Lines. Cancers, 2021, 13, 5551.	1.7	10
31	The Polycomb Orthologues in Teleost Fishes and Their Expression in the Zebrafish Model. Genes, 2020, 11, 362.	1.0	2
32	Structure and Function of the Polycomb Repressive Complexes PRC1 and PRC2. International Journal of Molecular Sciences, 2022, 23, 5971.	1.8	2
33	Loss of Polycomb Repressive Complex 2 Function Alters Digestive Organ Homeostasis and Neuronal Differentiation in Zebrafish. Cells, 2021, 10, 3142.	1.8	1
34	PCM-13THE HYPOXIA-ACTIVATED PRODRUG EVOFOSFAMIDE (TH-302) IS EFFICACIOUS IN PEDIATRIC HIGH GRADE GLIOMA CELL LINES AS A MONOTHERAPY AND IN COMBINATION WITH CHEMOTHERAPIES. Neuro-Oncology, 2016, 18, iii141.5-iii142.	0.6	0
35	The role of polycomb group proteins and KDM2B in leukemia. Experimental Hematology, 2016, 44, S104-S105.	0.2	0
36	The effect of Activin pathway modulation on the expression of both pluripotency and differentiation markers during early zebrafish development compared with other vertebrates. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 562-575.	0.6	0

#	Article	IF	Citations
37	Abstract 5005: Impact of H3.3K27M mutation on diffuse intrinsic pontine glioma's resistance to treatment. , 2020, , .		0