

Sophie Rousseaux

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

9,938
citations

57758

44
h-index

36028

97
g-index

118
all docs

118
docs citations

118
times ranked

11396
citing authors

#	ARTICLE	IF	CITATIONS
1	Chidamide inhibits the NOTCH1-MYC signaling axis in T-cell acute lymphoblastic leukemia. <i>Frontiers of Medicine</i> , 2022, 16, 442-458.	3.4	6
2	Direct visualization of pre-protamine 2 detects protamine assembly failures and predicts ICSI success. <i>Molecular Human Reproduction</i> , 2022, 28, .	2.8	5
3	AKR1B10, One of the Triggers of Cytokine Storm in SARS-CoV2 Severe Acute Respiratory Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1911.	4.1	10
4	NUT Is a Driver of p300-Mediated Histone Hyperacetylation: From Spermatogenesis to Cancer. <i>Cancers</i> , 2022, 14, 2234.	3.7	8
5	Ectopic expression of a combination of 5 genes detects high risk forms of T-cell acute lymphoblastic leukemia. <i>BMC Genomics</i> , 2022, 23, .	2.8	2
6	Chronic Intermittent Hypoxia Increases Cell Proliferation in Hepatocellular Carcinoma. <i>Cells</i> , 2022, 11, 2051.	4.1	7
7	The combined detection of Amphiregulin, Cyclin A1 and DDX20/Gemin3 expression predicts aggressive forms of oral squamous cell carcinoma. <i>British Journal of Cancer</i> , 2021, 125, 1122-1134.	6.4	12
8	Metabolically controlled histone H4K5 acylation/acetylation ratio drives BRD4 genomic distribution. <i>Cell Reports</i> , 2021, 36, 109460.	6.4	27
9	Thoracic NUT carcinoma: Common pathological features despite diversity of clinical presentations. <i>Lung Cancer</i> , 2021, 158, 55-59.	2.0	5
10	ATAD2 controls chromatin-bound HIRA turnover. <i>Life Science Alliance</i> , 2021, 4, e202101151.	2.8	9
11	Pregnancy exposure to synthetic phenols and placental DNA methylation " An epigenome-wide association study in male infants from the EDEN cohort. <i>Environmental Pollution</i> , 2021, 290, 118024.	7.5	24
12	DEN-Induced Rat Model Reproduces Key Features of Human Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 4981.	3.7	30
13	Immediate and durable effects of maternal tobacco consumption alter placental DNA methylation in enhancer and imprinted gene-containing regions. <i>BMC Medicine</i> , 2020, 18, 306.	5.5	24
14	PenDA, a rank-based method for personalized differential analysis: Application to lung cancer. <i>PLoS Computational Biology</i> , 2020, 16, e1007869.	3.2	10
15	RNA-Guided Genomic Localization of H2A.L.2 Histone Variant. <i>Cells</i> , 2020, 9, 474.	4.1	12
16	Extracellular vesicles from myelodysplastic mesenchymal stromal cells induce DNA damage and mutagenesis of hematopoietic stem cells through miRNA transfer. <i>Leukemia</i> , 2020, 34, 2249-2253.	7.2	11
17	PenDA, a rank-based method for personalized differential analysis: Application to lung cancer. , 2020, 16, e1007869.		0
18	PenDA, a rank-based method for personalized differential analysis: Application to lung cancer. , 2020, 16, e1007869.		0

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19	PenDA, a rank-based method for personalized differential analysis: Application to lung cancer. , 2020, 16, e1007869.		0
20	PenDA, a rank-based method for personalized differential analysis: Application to lung cancer. , 2020, 16, e1007869.		0
21	Histone variants: critical determinants in tumour heterogeneity. <i>Frontiers of Medicine</i> , 2019, 13, 289-297.	3.4	16
22	The arginine methyltransferase CARM1 represses p300â€œACTâ€œCREMĭ, activity and is required for spermiogenesis. <i>Nucleic Acids Research</i> , 2018, 46, 4327-4343.	14.5	29
23	Combination of arsenic trioxide and Dasatinib: a new strategy to treat Philadelphia chromosomeâ€œpositive acute lymphoblastic leukaemia. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1614-1626.	3.6	7
24	Induction of autophagy and autophagyâ€œdependent apoptosis in diffuse large Bâ€œcell lymphoma by a new antimalarial artemisinin derivative, <sc>SM</sc>1044. <i>Cancer Medicine</i> , 2018, 7, 380-396.	2.8	41
25	Histone variants: essential actors in male genome programming. <i>Journal of Biochemistry</i> , 2018, 163, 97-103.	1.7	34
26	Nut Directs p300-Dependent, Genome-Wide H4 Hyperacetylation in Male Germ Cells. <i>Cell Reports</i> , 2018, 24, 3477-3487.e6.	6.4	69
27	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. <i>Environment International</i> , 2018, 118, 334-347.	10.0	93
28	Inhibition of BET Proteins Reduces Right Ventricle Hypertrophy and Pulmonary Hypertension Resulting from Combined Hypoxia and Pulmonary Inflammation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2224.	4.1	10
29	Characterization of Post-Meiotic Male Germ Cell Genome Organizational States. <i>Methods in Molecular Biology</i> , 2018, 1832, 293-307.	0.9	0
30	Identity crisis in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-5.	1.7	5
31	Histone Variant H2A.L.2 Guides Transition Protein-Dependent Protamine Assembly in Male Germ Cells. <i>Molecular Cell</i> , 2017, 66, 89-101.e8.	9.7	116
32	Muscle hypertrophy in hypoxia with inflammation is controlled by bromodomain and extra-terminal domain proteins. <i>Scientific Reports</i> , 2017, 7, 12133.	3.3	2
33	Purification and Analysis of Male Germ Cells from Adult Mouse Testis. <i>Methods in Molecular Biology</i> , 2017, 1510, 159-168.	0.9	12
34	Oncogenesis by Unprogrammed Gene Activation: A Critical Evaluation of Cancer Testis Genes. , 2017, , .		1
35	The Role of Bromodomain Testis-Specific Factor, BRDT, in Cancer: A Biomarker and A Possible Therapeutic Target. <i>Cell Journal</i> , 2017, 19, 1-8.	0.2	146
36	Haploinsufficiency for NR3C1, the gene encoding the glucocorticoid receptor, in blastic plasmacytoid dendritic cell neoplasms. <i>Blood</i> , 2016, 127, 3040-3053.	1.4	60

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37	Dynamic Competing Histone H4 K5K8 Acetylation and Butyrylation Are Hallmarks of Highly Active Gene Promoters. <i>Molecular Cell</i> , 2016, 62, 169-180.	9.7	215
38	Atad2 is a generalist facilitator of chromatin dynamics in embryonic stem cells. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 349-362.	3.3	76
39	Receptor-Independent Ectopic Activity of <i>Prolactin</i> Predicts Aggressive Lung Tumors and Indicates HDACi-Based Therapeutic Strategies. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1-14.	5.4	12
40	A six gene expression signature defines aggressive subtypes and predicts outcome in childhood and adult acute lymphoblastic leukemia. <i>Oncotarget</i> , 2015, 6, 16527-16542.	1.8	34
41	Histone Acylation beyond Acetylation: Terra Incognita in Chromatin Biology. <i>Cell Journal</i> , 2015, 17, 1-6.	0.2	106
42	Two decades of reproductive biomedicine and stem cell biology in Iran: the Royan Institute. <i>International Journal of Developmental Biology</i> , 2014, 58, 643-647.	0.6	1
43	Lung Squamous Cell Carcinomas with Basaloid Histology Represent a Specific Molecular Entity. <i>Clinical Cancer Research</i> , 2014, 20, 5777-5786.	7.0	44
44	Lessons from Yeast on Emerging Roles of the ATAD2 Protein Family in Gene Regulation and Genome Organization. <i>Molecules and Cells</i> , 2014, 37, 851-856.	2.6	41
45	A specific <i>CBP</i> / <i>p300</i> -dependent gene expression programme drives the metabolic remodelling in late stages of spermatogenesis. <i>Andrology</i> , 2014, 2, 351-359.	3.5	27
46	Sustaining cancer through addictive ectopic gene activation. <i>Current Opinion in Oncology</i> , 2014, 26, 73-77.	2.4	22
47	Lysine 2-hydroxyisobutyrylation is a widely distributed active histone mark. <i>Nature Chemical Biology</i> , 2014, 10, 365-370.	8.0	368
48	The RNA-binding protein Mex3b regulates the spatial organization of the Rap1 pathway. <i>Development (Cambridge)</i> , 2014, 141, 2096-2107.	2.5	14
49	Genome-Scale Acetylation-Dependent Histone Eviction during Spermatogenesis. <i>Journal of Molecular Biology</i> , 2014, 426, 3342-3349.	4.2	78
50	Research Highlights: Highlights from the latest articles in epigenomics. <i>Epigenomics</i> , 2013, 5, 121-122.	2.1	0
51	Identification of a novel <i>BET</i> bromodomain inhibitor-sensitive, gene regulatory circuit that controls Rituximab response and tumour growth in aggressive lymphoid cancers. <i>EMBO Molecular Medicine</i> , 2013, 5, 1180-1195.	6.9	64
52	Malignant genome reprogramming by ATAD2. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 1010-1014.	1.9	75
53	Ectopic Activation of Germline and Placental Genes Identifies Aggressive Metastasis-Prone Lung Cancers. <i>Science Translational Medicine</i> , 2013, 5, 186ra66.	12.4	392
54	Cancer hallmarks sustained by ectopic activations of placenta/male germline genes. <i>Cell Cycle</i> , 2013, 12, 2331-2332.	2.6	12

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55	Chromatin-to-nucleoprotamine transition is controlled by the histone H2B variant TH2B. <i>Genes and Development</i> , 2013, 27, 1680-1692.	5.9	186
56	Combined proteomic and <i>in silico</i> approaches to decipher post-meiotic male genome reprogramming in mice. <i>Systems Biology in Reproductive Medicine</i> , 2012, 58, 191-196.	2.1	16
57	Bromodomain-dependent stage-specific male genome programming by Brdt. <i>EMBO Journal</i> , 2012, 31, 3809-3820.	7.8	216
58	Proteomic strategy for the identification of critical actors in reorganization of the post-meiotic male genome. <i>Molecular Human Reproduction</i> , 2012, 18, 1-13.	2.8	21
59	Histone crotonylation specifically marks the haploid male germ cell gene expression program. <i>BioEssays</i> , 2012, 34, 187-193.	2.5	99
60	Identification of 67 Histone Marks and Histone Lysine Crotonylation as a New Type of Histone Modification. <i>Cell</i> , 2011, 146, 1016-1028.	28.9	1,462
61	Induced malignant genome reprogramming in somatic cells by testis-specific factors. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 221-225.	1.9	21
62	Molecular models for post-meiotic male genome reprogramming. <i>Systems Biology in Reproductive Medicine</i> , 2011, 57, 50-53.	2.1	25
63	1q12 chromosome translocations form aberrant heterochromatic foci associated with changes in nuclear architecture and gene expression in B cell lymphoma. <i>EMBO Molecular Medicine</i> , 2010, 2, 159-171.	6.9	33
64	From meiosis to postmeiotic events: The secrets of histone disappearance. <i>FEBS Journal</i> , 2010, 277, 599-604.	4.7	160
65	Functional characterization of ATAD2 as a new cancer/testis factor and a predictor of poor prognosis in breast and lung cancers. <i>Oncogene</i> , 2010, 29, 5171-5181.	5.9	140
66	Oncogenesis by sequestration of CBP/p300 in transcriptionally inactive hyperacetylated chromatin domains. <i>EMBO Journal</i> , 2010, 29, 2943-2952.	7.8	157
67	Systematic screen reveals new functional dynamics of histones H3 and H4 during gametogenesis. <i>Genes and Development</i> , 2010, 24, 1772-1786.	5.9	94
68	New hypotheses for large-scale epigenome alterations in somatic cancer cells: a role for male germ-cell-specific regulators. <i>Epigenomics</i> , 2009, 1, 153-161.	2.1	18
69	A transcriptomic analysis of human centromeric and pericentric sequences in normal and tumor cells. <i>Nucleic Acids Research</i> , 2009, 37, 6340-6354.	14.5	99
70	Cooperative binding of two acetylation marks on a histone tail by a single bromodomain. <i>Nature</i> , 2009, 461, 664-668.	27.8	395
71	Epigenetics of Spermiogenesis. , 2009, , 105-117.		1
72	A new insight into male genome reprogramming by histone variants and histone code. <i>Cell Cycle</i> , 2008, 7, 3499-3502.	2.6	40

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73	Mice Lacking Histone Deacetylase 6 Have Hyperacetylated Tubulin but Are Viable and Develop Normally. <i>Molecular and Cellular Biology</i> , 2008, 28, 1688-1701.	2.3	489
74	Testis-Specific Histone Variants H2AL1/2 Rapidly Disappear from Paternal Heterochromatin after Fertilization. <i>Journal of Reproduction and Development</i> , 2008, 54, 413-417.	1.4	45
75	Fine mapping of re-arranged Y chromosome in three infertile patients with non-obstructive azoospermia/cryptozoospermia. <i>Human Reproduction</i> , 2007, 22, 1854-1860.	0.9	10
76	Pericentric heterochromatin reprogramming by new histone variants during mouse spermiogenesis. <i>Journal of Cell Biology</i> , 2007, 176, 283-294.	5.2	261
77	Homozygous mutation of AURKC yields large-headed polyploid spermatozoa and causes male infertility. <i>Nature Genetics</i> , 2007, 39, 661-665.	21.4	248
78	Differential histone modifications mark mouse imprinting control regions during spermatogenesis. <i>EMBO Journal</i> , 2007, 26, 720-729.	7.8	198
79	Predictive factors for an increased risk of sperm aneuploidies in oligo-astheno-teratozoospermic males. <i>Journal of Developmental and Physical Disabilities</i> , 2007, 30, 153-162.	3.6	35
80	Post-meiotic Shifts in HSPA2/HSP70.2 Chaperone Activity during Mouse Spermatogenesis. <i>Journal of Biological Chemistry</i> , 2006, 281, 37888-37892.	3.4	106
81	Testis-specific histone H3 expression in somatic cells. <i>Trends in Biochemical Sciences</i> , 2005, 30, 357-359.	7.5	32
82	How to Pack the Genome for a Safe Trip. , 2005, 38, 65-89.		46
83	Establishment of male-specific epigenetic information. <i>Gene</i> , 2005, 345, 139-153.	2.2	150
84	No Long-Term Increase in Sperm Aneuploidy Rates after Anticancer Therapy. <i>Clinical Cancer Research</i> , 2004, 10, 6535-6543.	7.0	35
85	The role of histones in chromatin remodelling during mammalian spermiogenesis. <i>FEBS Journal</i> , 2004, 271, 3459-3469.	0.2	217
86	Cdyl: a new transcriptional corepressor. <i>EMBO Reports</i> , 2003, 4, 877-882.	4.5	105
87	Acetylation-Dependent Chromatin Reorganization by BRDT, a Testis-Specific Bromodomain-Containing Protein. <i>Molecular and Cellular Biology</i> , 2003, 23, 5354-5365.	2.3	271
88	Misregulation of histone acetylation in Sertoli cell-only syndrome and testicular cancer. <i>Molecular Human Reproduction</i> , 2003, 9, 757-763.	2.8	62
89	Origin of sperm with extra chromosome set. <i>Human Reproduction</i> , 2003, 18, 459-a-460.	0.9	1
90	Polyploidy in large-headed sperm: FISH study of three cases. <i>Human Reproduction</i> , 2002, 17, 1292-1298.	0.9	88

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91	Risk of trisomy 21 in offspring of patients with Klinefelter's syndrome. <i>Lancet, The</i> , 2001, 357, 2104-2105.	13.7	55
92	Identification of Components of the Murine Histone Deacetylase 6 Complex: Link between Acetylation and Ubiquitination Signaling Pathways. <i>Molecular and Cellular Biology</i> , 2001, 21, 8035-8044.	2.3	306
93	Genome organization in the human sperm nucleus studied by FISH and confocal microscopy. <i>Molecular Reproduction and Development</i> , 2000, 55, 307-315.	2.0	83
94	Active maintenance of mHDA2/mHDAC6 histone-deacetylase in the cytoplasm. <i>Current Biology</i> , 2000, 10, 747-749.	3.9	201
95	Regulated hyperacetylation of core histones during mouse spermatogenesis: involvement of histone-deacetylases. <i>European Journal of Cell Biology</i> , 2000, 79, 950-960.	3.6	256
96	Segregation of sex chromosomes in a klinefelter patient (47, xxy). <i>Fertility and Sterility</i> , 2000, 73, S6.	1.0	1
97	Disomy rates for chromosomes 14 and 21 studied by fluorescent in-situ hybridization in spermatozoa from three men over 60 years of age. <i>Molecular Human Reproduction</i> , 1998, 4, 695-699.	2.8	44
98	Increased aneuploid frequency in spermatozoa from a Hodgkin's disease patient after chemotherapy and radiotherapy. <i>Cytogenetic and Genome Research</i> , 1997, 76, 134-138.	1.1	35
99	A 1.7-Megabase Sequence-Ready Cosmid Contig Covering the TSC1 Candidate Region in 9q34. <i>Genomics</i> , 1997, 41, 385-389.	2.9	20
100	Dynamic Molecular Combing: Stretching the Whole Human Genome for High-Resolution Studies. <i>Science</i> , 1997, 277, 1518-1523.	12.6	579
101	Meiotic behaviour of sex chromosomes investigated by three-colour FISH on 35 142 sperm nuclei from two 47, XYY males. <i>Human Genetics</i> , 1997, 99, 407-412.	3.8	66
102	Increased incidence of hyperhaploid 24, XY spermatozoa detected by three-colour FISH in a 46, XY/47, XXY male. <i>Human Genetics</i> , 1996, 97, 171-175.	3.8	86
103	Identification of Exons in a Region of Human Chromosome 6q Known to Contain Tumour Suppressor Genes. <i>DNA Sequence</i> , 1996, 7, 13-19.	0.7	0
104	Meiotic segregation in males heterozygote for reciprocal translocations: analysis of sperm nuclei by two and three colour fluorescence in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1995, 71, 240-246.	1.1	51
105	Human sperm chromosome analysis after microinjection into hamster oocytes. <i>Journal of Assisted Reproduction and Genetics</i> , 1995, 12, 384-388.	2.5	2
106	Sperm nuclei analysis of a Robertsonian t(14q21q) carrier, by FISH, using three plasmids and two YAC probes. <i>Human Genetics</i> , 1995, 96, 655-660.	3.8	69
107	Meiotic segregation of the X and Y chromosomes and chromosome 1 analyzed by three-color FISH in human interphase spermatozoa. <i>Cytogenetic and Genome Research</i> , 1995, 71, 126-130.	1.1	44