Gary S Stein

List of Publications by Year
in descending order

256	13,075	20817 60	29157 104
papers	citations	h-index	g-index

299	299	299	14533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Shared Core Resource as a Partner in Innovative Scientific Research: Illustration from an Academic Microscopy Imaging Center. Journal of Biomolecular Techniques, 2022, 33, 3fc1f5fe.2507f36c.	1.5	4
2	Sheldon Penman (1930â€“2021). Cell, 2022, 185, 1105-1106.	28.9	0
3	LncMIR181A1HG is a novel chromatin-bound epigenetic suppressor of early stage osteogenic lineage commitment. Scientific Reports, 2022, 12, 7770.	3.3	4
4	A Peer-Based Strategy to Overcome HPV Vaccination Inequities in Rural Communities: A Physical Distancing-Compliant Approach. Critical Reviews in Eukaryotic Gene Expression, 2021, 31, 61-69.	0.9	1
5	Hypoxiaâ€inducible factor 2Î± is a novel inhibitor of chondrocyte maturation. Journal of Cellular Physiology, 2021, 236, 6963-6973.	4.1	4
6	Hinfp is a guardian of the somatic genome by repressing transposable elements. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
7	CXCR4 Mediates Enhanced Cell Migration in CALM-AF10 Leukemia. Frontiers in Oncology, 2021, 11, 708915.	2.8	1
8	Ezh2â€dependent H3K27me3 modification dynamically regulates vitamin D3â€dependent epigenetic control of CYP24A1 gene expression in osteoblastic cells. Journal of Cellular Physiology, 2020, 235, 5404-5412.	4.1	6
9	Identification of tRNAâ€derived small RNA (tsRNA) responsive to the tumor suppressor, RUNX1, in breast cancer. Journal of Cellular Physiology, 2020, 235, 5318-5327.	4.1	48
10	The epigenetic reader Brd4 is required for osteoblast differentiation. Journal of Cellular Physiology, 2020, 235, 5293-5304.	4.1	21
11	Switches in histone modifications epigenetically control vitamin D3â€dependent transcriptional upregulation of the CYP24A1 gene in osteoblastic cells. Journal of Cellular Physiology, 2020, 235, 5328-5339.	4.1	10
12	The Thyroid Hormone Receptor-RUNX2 Axis: A Novel Tumor Suppressive Pathway in Breast Cancer. Hormones and Cancer, 2020, 11, 34-41.	4.9	15
13	RUNX1 and RUNX2 transcription factors function in opposing roles to regulate breast cancer stem cells. Journal of Cellular Physiology, 2020, 235, 7261-7272.	4.1	34
14	Mechanical strain-mediated reduction in RANKL expression is associated with RUNX2 and BRD2. Gene: X, 2020, 763, 100027.	2.3	16
15	Inhibition of the RUNX1-CBFÎ² transcription factor complex compromises mammary epithelial cell identity: a phenotype potentially stabilized by mitotic gene bookmarking. Oncotarget, 2020, 11, 2512-2530.	1.8	8
16	Bioactivity-Guided Isolation and Identification of Anti-adipogenic Constituents from the n-Butanol Fraction of Cissus quadrangularis. Critical Reviews in Eukaryotic Gene Expression, 2020, 30, 519-541.	0.9	3
17	Participation of integrin Î²3 in osteoblast differentiation induced by titanium with nano or microtopography. Journal of Biomedical Materials Research - Part A, 2019, 107, 1303-1313.	4.0	29
18	Osteogenic potential of hexane and dichloromethane fraction of Cissus quadrangularis on murine preosteoblast cell line MC3T3â€E1 (subclone 4). Journal of Cellular Physiology, 2019, 234, 23082-23096.	4.1	13

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19	Higher order genomic organization and epigenetic control maintain cellular identity and prevent breast cancer. Genes Chromosomes and Cancer, 2019, 58, 484-499.	2.8	11
20	The role of cell adhesion in hematopoiesis and leukemogenesis. Journal of Cellular Physiology, 2019, 234, 19189-19198.	4.1	6
21	Mllâ€COMPASS complexes mediate H3K4me3 enrichment and transcription of the osteoblast master gene Runx2/p57 in osteoblasts. Journal of Cellular Physiology, 2019, 234, 6244-6253.	4.1	15
22	Ethyl acetate and nâ€butanol fraction of <i>Cissus quadrangularis</i> promotes the mineralization potential of murine preâ€osteoblast cell line MC3T3â€E1 (subâ€clone 4). Journal of Cellular Physiology, 2019, 234, 10300-10314.	4.1	11
23	The cancerâ€related transcription factor RUNX2 modulates expression and secretion of the matricellular protein osteopontin in osteosarcoma cells to promote adhesion to endothelial pulmonary cells and lung metastasis. Journal of Cellular Physiology, 2019, 234, 13659-13679.	4.1	43
24	Realâ€time detection of breast cancer at the cellular level. Journal of Cellular Physiology, 2019, 234, 5413-5419.	4.1	6
25	RUNX1â€dependent mechanisms in biological control and dysregulation in cancer. Journal of Cellular Physiology, 2019, 234, 8597-8609.	4.1	48
26	Towards a more precise and individualized assessment of breast cancer risk. Aging, 2019, 11, 1305-1316.	3.1	9
27	Pharmacological targeting of the mammalian clock reveals a novel analgesic for osteoarthritis-induced pain. Gene, 2018, 655, 1-12.	2.2	29
28	Nanoparticleâ€based targeted cancer strategies for nonâ€invasive prostate cancer intervention. Journal of Cellular Physiology, 2018, 233, 6408-6417.	4.1	8
29	Intranuclear and higherâ€order chromatin organization of the major histone gene cluster in breast cancer. Journal of Cellular Physiology, 2018, 233, 1278-1290.	4.1	40
30	MicroRNA-466 inhibits tumor growth and bone metastasis in prostate cancer by direct regulation of osteogenic transcription factor RUNX2. Cell Death and Disease, 2018, 8, e2572-e2572.	6.3	110
31	The role of Runx2 in facilitating autophagy in metastatic breast cancer cells. Journal of Cellular Physiology, 2018, 233, 559-571.	4.1	34
32	Loss of RUNX1 is associated with aggressive lung adenocarcinomas. Journal of Cellular Physiology, 2018, 233, 3487-3497.	4.1	27
33	Thyroid Hormone Receptor Î² Suppression of RUNX2 Is Mediated by Brahma-Related Gene 1â€"Dependent Chromatin Remodeling. Endocrinology, 2018, 159, 2484-2494.	2.8	15
34	Nuclear organization mediates cancer-compromised genetic and epigenetic control. Advances in Biological Regulation, 2018, 69, 1-10.	2.3	10
35	Epithelialâ€toâ€mesenchymal transition and cancer stem cells contribute to breast cancer heterogeneity. Journal of Cellular Physiology, 2018, 233, 9136-9144.	4.1	80
36	Mitotic Gene Bookmarking: An Epigenetic Program to Maintain Normal and Cancer Phenotypes. Molecular Cancer Research, 2018, 16, 1617-1624.	3.4	19

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37	Regulation of osteogenesis by long noncoding RNAs: An epigenetic mechanism contributing to bone formation. Connective Tissue Research, 2018, 59, 35-41.	2.3	21
38	Higher order genomic organization and regulatory compartmentalization for cell cycle control at the G1/Sâ€phase transition. Journal of Cellular Physiology, 2018, 233, 6406-6413.	4.1	13
39	Suppression of Breast Cancer Stem Cells and Tumor Growth by the RUNX1 Transcription Factor. Molecular Cancer Research, 2018, 16, 1952-1964.	3.4	48
40	Expression of the ectodomainâ€releasing protease ADAM17 is directly regulated by the osteosarcoma and boneâ€related transcription factor RUNX2. Journal of Cellular Biochemistry, 2018, 119, 8204-8219.	2.6	20
41	Dissection of Individual Prostate Lobes in Mouse Models of Prostate Cancer to Obtain High Quality RNA. Journal of Cellular Physiology, 2017, 232, 14-18.	4.1	10
42	Runx2/DICER/miRNA Pathway in Regulating Osteogenesis. Journal of Cellular Physiology, 2017, 232, 182-191.	4.1	45
43	Ethanol Extract of <i>Cissus quadrangularis</i> Enhances Osteoblast Differentiation and Mineralization of Murine Pre-Osteoblastic MC3T3-E1 Cells. Journal of Cellular Physiology, 2017, 232, 540-547.	4.1	25
44	The connection between BRG1, CTCF and topoisomerases at TAD boundaries. Nucleus, 2017, 8, 150-155.	2.2	24
45	Chromatin dynamics regulate mesenchymal stem cell lineage specification and differentiation to osteogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 438-449.	1.9	55
46	Profiling of human epigenetic regulators using a semi-automated real-time qPCR platform validated by next generation sequencing. Gene, 2017, 609, 28-37.	2.2	25
47	Mitotic Gene Bookmarking: An Epigenetic Mechanism for Coordination of Lineage Commitment, Cell Identity and Cell Growth. Advances in Experimental Medicine and Biology, 2017, 962, 95-102.	1.6	14
48	Combination of Carmustine and Selenite Inhibits EGFR Mediated Growth Signaling in Androgen-Independent Prostate Cancer Cells. Journal of Cellular Biochemistry, 2017, 118, 4331-4340.	2.6	11
49	Histone H4 Methyltransferase Suv420h2 Maintains Fidelity of Osteoblast Differentiation. Journal of Cellular Biochemistry, 2017, 118, 1262-1272.	2.6	25
50	The BRG1 ATPase of human SWI/SNF chromatin remodeling enzymes as a driver of cancer. Epigenomics, 2017, 9, 919-931.	2.1	108
51	Wnt/Î²â€Catenin Signaling Activates Expression of the Boneâ€Related Transcription Factor RUNX2 in Select Human Osteosarcoma Cell Types. Journal of Cellular Biochemistry, 2017, 118, 3662-3674.	2.6	49
52	Bivalent Epigenetic Control of Oncofetal Gene Expression in Cancer. Molecular and Cellular Biology, 2017, 37, .	2.3	42
53	tsRNA signatures in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8071-8076.	7.1	202
54	Unique Regulatory Mechanisms for the Human Embryonic Stem Cell Cycle. Journal of Cellular Physiology, 2017, 232, 1254-1257.	4.1	3

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55	Precocious Phenotypic Transcriptionâ€Factor Expression During Early Development. Journal of Cellular Biochemistry, 2017, 118, 953-958.	2.6	3
56	Proteomic Analysis of Exosomes and Exosome-Free Conditioned Media From Human Osteosarcoma Cell Lines Reveals Secretion of Proteins Related to Tumor Progression. Journal of Cellular Biochemistry, 2017, 118, 351-360.	2.6	68
57	The Ultrastructural Signature of Human Embryonic Stem Cells. Journal of Cellular Biochemistry, 2017, 118, 764-774.	2.6	15
58	Identifying Nuclear Matrixâ€Attached DNA Across the Genome. Journal of Cellular Physiology, 2017, 232, 1295-1305.	4.1	19
59	Genome-wide DNase hypersensitivity, and occupancy of RUNX2 and CTCF reveal a highly dynamic gene regulome during MC3T3 pre-osteoblast differentiation. PLoS ONE, 2017, 12, e0188056.	2.5	10
60	Runx1 stabilizes the mammary epithelial cell phenotype and prevents epithelial to mesenchymal transition. Oncotarget, 2017, 8, 17610-17627.	1.8	53
61	Development of a predictive miRNA signature for breast cancer risk among high-risk women. Oncotarget, 2017, 8, 112170-112183.	1.8	30
62	Transcriptional Auto-Regulation of RUNX1 P1 Promoter. PLoS ONE, 2016, 11, e0149119.	2.5	22
63	Oncofetal Epigenetic Bivalency in Breast Cancer Cells: H3K4 and H3K27 Tri-Methylation as a Biomarker for Phenotypic Plasticity. Journal of Cellular Physiology, 2016, 231, 2474-2481.	4.1	25
64	Epigenetic Modulation in Periodontitis: Interaction of Adiponectin and JMJD3-IRF4 Axis in Macrophages. Journal of Cellular Physiology, 2016, 231, 1090-1096.	4.1	38
65	Chromosomes at Work: Organization of Chromosome Territories in the Interphase Nucleus. Journal of Cellular Biochemistry, 2016, 117, 9-19.	2.6	39
66	Transient RUNX1 Expression during Early Mesendodermal Differentiation ofÂhESCs Promotes Epithelial to Mesenchymal Transition through TGFB2 Signaling. Stem Cell Reports, 2016, 7, 884-896.	4.8	21
67	Maternal expression and early induction of histone gene transcription factor Hinfp sustains development in pre-implantation embryos. Developmental Biology, 2016, 419, 311-320.	2.0	13
68	Câ€ing the Genome: A Compendium of Chromosome Conformation Capture Methods to Study Higherâ€Order Chromatin Organization. Journal of Cellular Physiology, 2016, 231, 31-35.	4.1	50
69	WWOX and p53 Dysregulation Synergize to Drive the Development of Osteosarcoma. Cancer Research, 2016, 76, 6107-6117.	0.9	38
70	RUNX1 contributes to higher-order chromatin organization and gene regulation in breast cancer cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1389-1397.	1.9	60
71	SMARCA4 regulates gene expression and higher-order chromatin structure in proliferating mammary epithelial cells. Genome Research, 2016, 26, 1188-1201.	5.5	90
72	Enhancer of Zeste Homolog 2 Inhibition Stimulates Bone Formation and Mitigates Bone Loss Caused by Ovariectomy in Skeletally Mature Mice. Journal of Biological Chemistry, 2016, 291, 24594-24606.	3.4	78

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73	Expression of Ribosomal RNA and Protein Genes in Human Embryonic Stem Cells Is Associated With the Activating H3K4me3 Histone Mark. Journal of Cellular Physiology, 2016, 231, 2007-2013.	4.1	13
74	Thyroid Hormone Receptor-Î² (TRÎ²) Mediates Runt-Related Transcription Factor 2 (Runx2) Expression in Thyroid Cancer Cells: A Novel Signaling Pathway in Thyroid Cancer. Endocrinology, 2016, 157, 3278-3292.	2.8	26
75	Genome-Wide Studies Reveal that H3K4me3 Modification in Bivalent Genes Is Dynamically Regulated during the Pluripotent Cell Cycle and Stabilized upon Differentiation. Molecular and Cellular Biology, 2016, 36, 615-627.	2.3	53
76	MicroRNA-378-mediated suppression of Runx1 alleviates the aggressive phenotype of triple-negative MDA-MB-231 human breast cancer cells. Tumor Biology, 2016, 37, 8825-8839.	1.8	41
77	Oncogenic epigenetic control. Aging, 2016, 8, 565-566.	3.1	2
78	A microRNA/Runx1/Runx2 network regulates prostate tumor progression from onset to adenocarcinoma in TRAMP mice. Oncotarget, 2016, 7, 70462-70474.	1.8	21
79	Antagonizing miR-218-5p attenuates Wnt signaling and reduces metastatic bone disease of triple negative breast cancer cells. Oncotarget, 2016, 7, 79032-79046.	1.8	68
80	Histone H3 lysine 4 acetylation and methylation dynamics define breast cancer subtypes. Oncotarget, 2016, 7, 5094-5109.	1.8	89
81	The BRG1 chromatin remodeling enzyme links cancer cell metabolism and proliferation. Oncotarget, 2016, 7, 38270-38281.	1.8	51
82	Chromatin interaction analysis reveals changes in small chromosome and telomere clustering between epithelial and breast cancer cells. Genome Biology, 2015, 16, 214.	8.8	206
83	Runx1 is associated with breast cancer progression in MMTVâ€PyMT transgenic mice and its depletion in vitro inhibits migration and invasion. Journal of Cellular Physiology, 2015, 230, 2522-2532.	4.1	63
84	The SWI/SNF ATPases Are Required for Triple Negative Breast Cancer Cell Proliferation. Journal of Cellular Physiology, 2015, 230, 2683-2694.	4.1	58
85	Multiple levels of epigenetic control for bone biology and pathology. Bone, 2015, 81, 733-738.	2.9	18
86	Non-coding RNAs: Epigenetic regulators of bone development and homeostasis. Bone, 2015, 81, 746-756.	2.9	93
87	Genome-wide co-occupancy of AML1-ETO and N-CoR defines the t(8;21) AML signature in leukemic cells. BMC Genomics, 2015, 16, 309.	2.8	30
88	Subnuclear domain proteins in cancer cells support transcription factor RUNX2 functions in DNA damage response. Journal of Cell Science, 2015, 128, 728-40.	2.0	21
89	Targeting of Runx2 by miR-135 and miR-203 Impairs Progression of Breast Cancer and Metastatic Bone Disease. Cancer Research, 2015, 75, 1433-1444.	0.9	164
90	Runx1 Activities in Superficial Zone Chondrocytes, Osteoarthritic Chondrocyte Clones and Response to Mechanical Loading. Journal of Cellular Physiology, 2015, 230, 440-448.	4.1	25

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91	Cell cycle gene expression networks discovered using systems biology: Significance in carcinogenesis. Journal of Cellular Physiology, 2015, 230, 2533-2542.	4.1	16
92	Epigenetic Control of Skeletal Development by the Histone Methyltransferase Ezh2. Journal of Biological Chemistry, 2015, 290, 27604-27617.	3.4	144
93	Epigenetic Control of the Bone-master Runx2 Gene during Osteoblast-lineage Commitment by the Histone Demethylase JARID1B/KDM5B. Journal of Biological Chemistry, 2015, 290, 28329-28342.	3.4	68
94	Histone Deacetylase Inhibition Destabilizes the Multiâ€Potent State of Uncommitted Adiposeâ€Derived Mesenchymal Stromal Cells. Journal of Cellular Physiology, 2015, 230, 52-62.	4.1	46
95	Could lncRNAs be the Missing Links in Control of Mesenchymal Stem Cell Differentiation?. Journal of Cellular Physiology, 2015, 230, 526-534.	4.1	72
96	The bone-specific Runx2-P1 promoter displays conserved three-dimensional chromatin structure with the syntenic Supt3h promoter. Nucleic Acids Research, 2014, 42, 10360-10372.	14.5	28
97	Genomic occupancy of Runx2 with global expression profiling identifies a novel dimension to control of osteoblastogenesis. Genome Biology, 2014, 15, R52.	9.6	122
98	MicroRNAs in the control of metastatic bone disease. Trends in Endocrinology and Metabolism, 2014, 25, 320-327.	7.1	60
99	The Dynamic Architectural and Epigenetic Nuclear Landscape: Developing the Genomic Almanac of Biology and Disease. Journal of Cellular Physiology, 2014, 229, 711-727.	4.1	11
100	Bookmarking Target Genes in Mitosis: A Shared Epigenetic Trait of Phenotypic Transcription Factors and Oncogenes?. Cancer Research, 2014, 74, 420-425.	0.9	33
101	hsa-mir-30c promotes the invasive phenotype of metastatic breast cancer cells by targeting NOV/CCN3. Cancer Cell International, 2014, 14, 73.	4.1	46
102	Epigenetic landscape during osteoblastogenesis defines a differentiation-dependent Runx2 promoter region. Gene, 2014, 550, 1-9.	2.2	28
103	Methylation, Methionine and Metaphors. , 2014, , 21-43.		1
104	Oncogenic cooperation between PI3K/Akt signaling and transcription factor Runx2 promotes the invasive properties of metastatic breast cancer cells. Journal of Cellular Physiology, 2013, 228, 1784-1792.	4.1	56
105	Genomic occupancy of HLH, AP1 and Runx2 motifs within a nuclease sensitive site of the Runx2 gene. Journal of Cellular Physiology, 2013, 228, 313-321.	4.1	17
106	The abbreviated pluripotent cell cycle. Journal of Cellular Physiology, 2013, 228, 9-20.	4.1	92
107	Redefining the activity of a bone-specific transcription factor: Novel insights for understanding bone formation. Journal of Bone and Mineral Research, 2013, 28, 2060-2063.	2.8	10
108	MicroRNA-34c Inversely Couples the Biological Functions of the Runt-related Transcription Factor RUNX2 and the Tumor Suppressor p53 in Osteosarcoma. Journal of Biological Chemistry, 2013, 288, 21307-21319.	3.4	95

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109	The Architectural Organization of Human Stem Cell Cycle Regulatory Machinery. Current Pharmaceutical Design, 2012, 18, 1679-1685.	1.9	6
110	An architectural genetic and epigenetic perspective. Integrative Biology (United Kingdom), 2011, 3, 297-303.	1.3	6
111	Functional coupling of transcription factor HiNF-P and histone H4 gene expression during pre- and post-natal mouse development. Gene, 2011, 483, 1-10.	2.2	9
112	Metastatic bone disease: Role of transcription factors and future targets. Bone, 2011, 48, 30-36.	2.9	87
113	Suberoylanilide hydroxamic acid (SAHA; vorinostat) causes bone loss by inhibiting immature osteoblasts. Bone, 2011, 48, 1117-1126.	2.9	68
114	C/EBPÎ² binds the P1 promoter of the Runx2 gene and upâ€regulates Runx2 transcription in osteoblastic cells. Journal of Cellular Physiology, 2011, 226, 3043-3052.	4.1	36
115	Runx2 Protein Expression Utilizes the Runx2 P1 Promoter to Establish Osteoprogenitor Cell Number for Normal Bone Formation. Journal of Biological Chemistry, 2011, 286, 30057-30070.	3.4	51
116	Human embryonic stem cells are preâ€mitotically committed to selfâ€renewal and acquire a lengthened G1 phase upon lineage programming. Journal of Cellular Physiology, 2010, 222, 103-110.	4.1	59
117	Mitotic bookmarking of genes: a novel dimension to epigenetic control. Nature Reviews Genetics, 2010, 11, 583-589.	16.3	142
118	The Histone Deacetylase Inhibitor, Vorinostat, Reduces Tumor Growth at the Metastatic Bone Site and Associated Osteolysis, but Promotes Normal Bone Loss. Molecular Cancer Therapeutics, 2010, 9, 3210-3220.	4.1	47
119	Synergism between Wnt3a and Heparin Enhances Osteogenesis via a Phosphoinositide 3-Kinase/Akt/RUNX2 Pathway. Journal of Biological Chemistry, 2010, 285, 26233-26244.	3.4	86
120	Definitive hematopoiesis requires Runx1 C-terminal-mediated subnuclear targeting and transactivation. Human Molecular Genetics, 2010, 19, 1048-1057.	2.9	35
121	Cancer-related ectopic expression of the bone-related transcription factor RUNX2 in non-osseous metastatic tumor cells is linked to cell proliferation and motility. Breast Cancer Research, 2010, 12, R89.	5.0	56
122	Subnuclear Localization and Intranuclear Trafficking of Transcription Factors. Methods in Molecular Biology, 2010, 647, 77-93.	0.9	4
123	Control of the Human Pluripotent Cell Cycle. , 2010, , 235-251.		2
124	Co-stimulation of the Bone-related Runx2 P1 Promoter in Mesenchymal Cells by SP1 and ETS Transcription Factors at Polymorphic Purine-rich DNA Sequences (Y-repeats). Journal of Biological Chemistry, 2009, 284, 3125-3135.	3.4	70
125	Ectopic Runx2 Expression in Mammary Epithelial Cells Disrupts Formation of Normal Acini Structure: Implications for Breast Cancer Progression. Cancer Research, 2009, 69, 6807-6814.	0.9	80
126	The histone gene activator HINFP is a nonredundant cyclin E/CDK2 effector during early embryonic cell cycles. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12359-12364.	7.1	31

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127	Organization, Integration, and Assembly of Genetic and Epigenetic Regulatory Machinery in Nuclear Microenvironments. Annals of the New York Academy of Sciences, 2009, 1155, 4-14.	3.8	5
128	SWI/SNF-Independent Nuclease Hypersensitivity and an Increased Level of Histone Acetylation at the P1 Promoter Accompany Active Transcription of the Bone Master Gene Runx2. Biochemistry, 2009, 48, 7287-7295.	2.5	24
129	Positive association between nuclear Runx2 and oestrogen-progesterone receptor gene expression characterises a biological subtype of breast cancer. European Journal of Cancer, 2009, 45, 2239-2248.	2.8	44
130	Transcription-factor-mediated epigenetic control of cell fate and lineage commitmentThis paper is one of a selection of papers published in this Special Issue, entitled CSBMCBâ€™s 51st Annual MeetingÂâ€" Epigenetics and Chromatin Dynamics, and has undergone the Journalâ€™s usual peer review process.. Biochemistry and Cell Biology, 2009, 87, 1-6.	2.0	20
131	Genetic and epigenetic regulation in nuclear microenvironments for biological control in cancer. Journal of Cellular Biochemistry, 2008, 104, 2016-2026.	2.6	18
132	Nuclear microenvironments and cancer. Journal of Cellular Biochemistry, 2008, 104, 1949-1952.	2.6	9
133	Phenotypic transcription factors epigenetically mediate cell growth control. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6632-6637.	7.1	86
134	The Histone Gene Cell Cycle Regulator HiNF-P Is a Unique Zinc Finger Transcription Factor with a Novel Conserved Auxiliary DNA-Binding Motif. Biochemistry, 2008, 47, 11415-11423.	2.5	11
135	A Runx2 threshold for the cleidocranial dysplasia phenotype. Human Molecular Genetics, 2008, 18, 556-568.	2.9	97
136	The leukemogenic t(8;21) fusion protein AML1-ETO controls rRNA genes and associates with nucleolar-organizing regions at mitotic chromosomes. Journal of Cell Science, 2008, 121, 3981-3990.	2.0	48
137	Synergistic regulation of the Runx2 P1 promoter in mesenchymal cells by a conserved HLH box and purineâ€rich elements (GAY motifs). FASEB Journal, 2008, 22, 782.17.	0.5	0
138	Gene expression in nuclear microenvironments for biological control and cancer. Cancer Biology and Therapy, 2007, 6, 1817-1821.	3.4	2
139	Mitotic retention of gene expression patterns by the cell fate-determining transcription factor Runx2. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3189-3194.	7.1	152
140	HOXA10 Controls Osteoblastogenesis by Directly Activating Bone Regulatory and Phenotypic Genes. Molecular and Cellular Biology, 2007, 27, 3337-3352.	2.3	148
141	Chromatin Remodeling by SWI/SNF Results in Nucleosome Mobilization to Preferential Positions in the Rat Osteocalcin Gene Promoter. Journal of Biological Chemistry, 2007, 282, 9445-9457.	3.4	27
142	The CBFB-MYH11 butterfly effect in hematopoiesis. Blood, 2007, 109, 3131-3132.	1.4	0
143	Nuclear microenvironments in biological control and cancer. Nature Reviews Cancer, 2007, 7, 454-463.	28.4	144
144	Mitotic occupancy and lineage-specific transcriptional control of rRNA genes by Runx2. Nature, 2007, 445, 442-446.	27.8	218

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145	Organization of transcriptional regulatory machinery in nuclear microenvironments: Implications for biological control and cancer. Advances in Enzyme Regulation, 2007, 47, 242-250.	2.6	21
146	Networks and hubs for the transcriptional control of osteoblastogenesis. Reviews in Endocrine and Metabolic Disorders, 2006, 7, 1-16.	5.7	397
147	Alterations in intranuclear localization of Runx2 affect biological activity. Journal of Cellular Physiology, 2006, 209, 935-942.	4.1	40
148	An architectural perspective of cell-cycle control at the G1/S phase cell-cycle transition. Journal of Cellular Physiology, 2006, 209, 706-710.	4.1	58
149	BMP2 Commitment to the Osteogenic Lineage Involves Activation of Runx2 by DLX3 and a Homeodomain Transcriptional Network. Journal of Biological Chemistry, 2006, 281, 40515-40526.	3.4	188
150	Combinatorial organization of the transcriptional regulatory machinery in biological control and cancer. Advances in Enzyme Regulation, 2005, 45, 136-154.	2.6	9
151	The dynamic organization of geneâ€regulatory machinery in nuclear microenvironments. EMBO Reports, 2005, 6, 128-133.	4.5	107
152	Smad function and intranuclear targeting share a Runx2 motif required for osteogenic lineage induction and BMP2 responsive transcription. Journal of Cellular Physiology, 2005, 204, 63-72.	4.1	142
153	Impaired intranuclear trafficking of Runx2 (AML3/CBFA1) transcription factors in breast cancer cells inhibits osteolysis <i>in vivo</i>. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1454-1459.	7.1	174
154	Canonical WNT Signaling Promotes Osteogenesis by Directly Stimulating Runx2 Gene Expression. Journal of Biological Chemistry, 2005, 280, 33132-33140.	3.4	984
155	The Runx2 Osteogenic Transcription Factor Regulates Matrix Metalloproteinase 9 in Bone Metastatic Cancer Cells and Controls Cell Invasion. Molecular and Cellular Biology, 2005, 25, 8581-8591.	2.3	280
156	Nkx3.2-mediated Repression of Runx2 Promotes Chondrogenic Differentiation. Journal of Biological Chemistry, 2005, 280, 15872-15879.	3.4	87
157	Mechanogenomic Control of DNA Exposure and Sequestration. American Journal of Pathology, 2005, 166, 959-962.	3.8	6
158	Regulatory Controls for Osteoblast Growth and Differentiation: Role of Runx/Cbfa/AML Factors. Critical Reviews in Eukaryotic Gene Expression, 2004, 14, 1-42.	0.9	392
159	Intranuclear Trafficking: Organization and Assembly of Regulatory Machinery for Combinatorial Biological Control. Journal of Biological Chemistry, 2004, 279, 43363-43366.	3.4	27
160	Fidelity of Runx2 Activity in Breast Cancer Cells Is Required for the Generation of Metastases-Associated Osteolytic Disease. Cancer Research, 2004, 64, 4506-4513.	0.9	133
161	Runx2 control of organization, assembly and activity of the regulatory machinery for skeletal gene expression. Oncogene, 2004, 23, 4315-4329.	5.9	461
162	Nuclear microenvironments support assembly and organization of the transcriptional regulatory machinery for cell proliferation and differentiation. Journal of Cellular Biochemistry, 2004, 91, 287-302.	2.6	33

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163	Cell Fates. , 2004, , 1-13.		0
164	Angiogenesis and Blood Supply. , 2004, , 333-367.		0
165	Regulation of Cell Growth, Differentiation, and Death during Metamorphosis. , 2004, , 369-395.		1
166	Translational Control and the Cell Cycle. , 2004, , 397-448.		1
167	Telomere Structure and Function Provides Insights into the Generation of Genomic Instability and Carcinogenesis. , 2004, , 449-465.		0
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