Alan Bernstein

List of Publications by Year
in descending order

91	10,764	57631 44	49773 87
papers	citations	h-index	g-index

92	92	92	8350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The proto-oncogene c-kit encoding a transmembrane tyrosine kinase receptor maps to the mouse W locus. Nature, 1988, 335, 88-89.	13.7	1,326
2	W/kit gene required for interstitial cells of Cajal and for intestinal pacemaker activity. Nature, 1995, 373, 347-349.	13.7	1,304
3	A Requirement for Flk1 in Primitive and Definitive Hematopoiesis and Vasculogenesis. Cell, 1997, 89, 981-990.	13.5	848
4	Notch pathway molecules are essential for the maintenance, but not the generation, of mammalian neural stem cells. Genes and Development, 2002, 16, 846-858.	2.7	585
5	Presenilins are required for Î³-secretase cleavage of Î²-APP and transmembrane cleavage of Notch-1. Nature Cell Biology, 2000, 2, 463-465.	4.6	398
6	Rearrangements of the cellular p53 gene in erythroleukaemic cells transformed by Friend virus. Nature, 1985, 314, 633-636.	13.7	349
7	Fli-1 Is Required for Murine Vascular and Megakaryocytic Development and Is Hemizygously Deleted in Patients with Thrombocytopenia. Immunity, 2000, 13, 167-177.	6.6	341
8	Stress-signalling kinase Sek1 protects thymocytes from apoptosis mediated by CD95 and CD3. Nature, 1997, 385, 350-353.	13.7	339
9	Defective T-cell receptor signalling and positive selection of Vav-deficient CD4+CDS+thymocytes. Nature, 1995, 374, 474-476.	13.7	299
10	Retrovirus transfer of a bacterial gene into mouse haematopoietic progenitor cells. Nature, 1983, 305, 556-558.	13.7	226
11	A mutant p53 transgene accelerates tumour development in heterozygous but not nullizygous p53â€“deficient mice. Nature Genetics, 1995, 9, 305-311.	9.4	224
12	Developmental origin andkit-dependent development of the interstitial cells of cajal in the mammalian small intestine. , 1998, 211, 60-71.		204
13	Cytokine Signaling and Hematopoietic Homeostasis Are Disrupted in Lnk-deficient Mice. Journal of Experimental Medicine, 2002, 195, 1599-1611.	4.2	201
14	Hematopoietic stem cell and progenitor defects in Sca-1/Ly-6Aâ€“null mice. Blood, 2003, 101, 517-523.	0.6	168
15	Receptor tyrosine kinases: genetic evidence for their role in Drosophila and mouse development. Trends in Genetics, 1990, 6, 350-356.	2.9	166
16	Induction by ouabain of hemoglobin synthesis in cultured friend erythroleukemic cells. Cell, 1976, 9, 375-381.	13.5	163
17	Signalling by the W/Kit receptor tyrosine kinase is negatively regulated in vivo by the protein tyrosine phosphatase Shp1. Nature Genetics, 1996, 13, 309-315.	9.4	157
18	Apoptosis, cancer and the p53 tumour suppressor gene. Cancer and Metastasis Reviews, 1995, 14, 149-161.	2.7	154

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19	Presenilin-1 and Presenilin-2 Exhibit Distinct yet Overlapping Î³-Secretase Activities. Journal of Biological Chemistry, 2003, 278, 22475-22481.	1.6	142
20	Fv2 encodes a truncated form of the Stk receptor tyrosine kinase. Nature Genetics, 1999, 23, 159-165.	9.4	138
21	Upregulation of BiP and CHOP by the unfolded-protein response is independent of presenilin expression. Nature Cell Biology, 2000, 2, 863-870.	4.6	136
22	Craniofacial Dysmorphogenesis Including Cleft Palate in Mice with an Insertional Mutation in the discs large Gene. Molecular and Cellular Biology, 2001, 21, 1475-1483.	1.1	132
23	Hzf Determines Cell Survival upon Genotoxic Stress by Modulating p53 Transactivation. Cell, 2007, 130, 624-637.	13.5	132
24	Requirement for the TIE family of receptor tyrosine kinases in adult but not fetal hematopoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12753-12758.	3.3	127
25	Impaired CD28-mediated Interleukin 2 Production and Proliferation in Stress Kinase SAPK/ERK1 Kinase (SEK1)/Mitogen-activated Protein Kinase Kinase 4 (MKK4)-deficient T Lymphocytes. Journal of Experimental Medicine, 1997, 186, 941-953.	4.2	126
26	Dynamic changes in ovarian c-kit and Steel expression during the estrous reproductive cycle. Developmental Dynamics, 1993, 197, 69-79.	0.8	116
27	Pleiotropic Properties and Genetic Organization of the tolA, B Locus of Escherichia coli K-12. Journal of Bacteriology, 1972, 112, 74-83.	1.0	107
28	Requirement of PDZ-Containing Proteins for Cell Cycle Regulation and Differentiation in the Mouse Lens Epithelium. Molecular and Cellular Biology, 2003, 23, 8970-8981.	1.1	106
29	Deregulated inflammatory response in mice lacking the STK/RON receptor tyrosine kinase. Genes and Function, 1997, 1, 69-83.	2.8	100
30	Notch Signaling Is Required to Maintain All Neural Stem Cell Populations â€“ Irrespective of Spatial or Temporal Niche. Developmental Neuroscience, 2006, 28, 34-48.	1.0	97
31	Vav Regulates Peptide-specific Apoptosis in Thymocytes. Journal of Experimental Medicine, 1998, 188, 2099-2111.	4.2	91
32	The Friend virus genome: Evidence for the stable association of MuLV sequences and sequences involved in erythroleukemic transformation. Cell, 1977, 12, 287-294.	13.5	82
33	Early transport changes during erythroid differentiation of friend leukemic cells. Journal of Cellular Physiology, 1978, 94, 275-285.	2.0	80
34	Expression of human adenosine deaminase in murine haematopoietic progenitor cells following retroviral transfer. Nature, 1986, 322, 385-387.	13.7	80
35	Molecular identification of a human DNA repair gene following DNA-mediated gene transfer. Nature, 1983, 306, 206-208.	13.7	77
36	Oncogenic function for the Dlg1 mammalian homolog of the Drosophila discs-large tumor suppressor. EMBO Journal, 2006, 25, 1406-1417.	3.5	73

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37	Oncogenes in Head and Neck Cancer. Laryngoscope, 1993, 103, 42???52.	1.1	71
38	Expression Trapping: Identification of Novel Genes Expressed in Hematopoietic and Endothelial Lineages by Gene Trapping in ES Cells. Blood, 1998, 92, 4622-4631.	0.6	64
39	Early and late volume changes during erythroid differentiation of cultured friend leukemic cells. Journal of Cellular Physiology, 1977, 90, 423-437.	2.0	55
40	DNA damage, oncogenesis and the p53 tumour-suppressor gene. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 307, 573-581.	0.4	55
41	Targeted mutations of the juxtamembrane tyrosines in the Kit receptor tyrosine kinase selectively affect multiple cell lineages. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6015-6020.	3.3	55
42	Friend leukaemia virus-transformed cells, unlike normal stem cells, form spleen colonies in Sl/Sld mice. Nature, 1980, 288, 592-594.	13.7	54
43	Notch receptor cleavage depends on but is not directly executed by presenilins. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4014-4019.	3.3	54
44	Identification and Characterization of Presenilin-independent Notch Signaling. Journal of Biological Chemistry, 2002, 277, 8154-8165.	1.6	49
45	Murine NIMA-related kinases are expressed in patterns suggesting distinct functions in gametogenesis and a role in the nervous system. Oncogene, 1998, 16, 1813-1823.	2.6	47
46	Zinc Finger Protein, Hzf, Is Required for Megakaryocyte Development and Hemostasis. Journal of Experimental Medicine, 2002, 195, 941-952.	4.2	41
47	The program of friend cell erythroid differentiation: Early changes in Na+/K+ ATPase function. Journal of Supramolecular Structure, 1978, 8, 431-438.	2.3	40
48	Gene-trap expression screening to identify endothelial-specific genes. Blood, 2004, 104, 711-718.	0.6	37
49	Demonstration of missing membrane proteins in deletion mutants of E. coli K12. Biochemical and Biophysical Research Communications, 1970, 39, 969-975.	1.0	35
50	Ubiquitin?proteasome pathway mediates degradation of APH-1. Journal of Neurochemistry, 2006, 99, 1403-1412.	2.1	34
51	Aquarius, a novel gene isolated by gene trapping with an RNA-dependent RNA polymerase motif. , 1998, 212, 304-317.		33
52	Genetic analysis of ETS genes in C. elegans. Oncogene, 2000, 19, 6400-6408.	2.6	33
53	A 1.8-Mb YAC contig spanning three members of the receptor tyrosine kinase gene family (Pdgfra, Kit,) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	32
54	Mutagenesis of the epithelial polarity gene, discs large 1, perturbs nephrogenesis in the developing mouse kidney. Kidney International, 2005, 68, 955-965.	2.6	32

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55	Selective Role of a Distinct Tyrosine Residue on Tie2 in Heart Development and Early Hematopoiesis. Molecular and Cellular Biology, 2005, 25, 4693-4702.	1.1	32
56	The Mouse W/c-kit Locus.. Annals of the New York Academy of Sciences, 1990, 599, 58-65.	1.8	31
57	Mood Stabilizing Drugs Expand the Neural Stem Cell Pool in the Adult Brain Through Activation of Notch Signaling. Stem Cells, 2008, 26, 1758-1767.	1.4	31
58	Gene trapping of two novel genes, Hzf and Hhl , expressed in hematopoietic cells. Mechanisms of Development, 2000, 90, 3-15.	1.7	30
59	Genetic manipulation of hematopoietic stem cells with retrovirus vectors. Trends in Genetics, 1986, 2, 165-170.	2.9	29
60	The friend spleen focus-forming virus (SFFV) genome: Fractionation and analysis of SFFV and helper virus-related sequences. Virology, 1978, 87, 73-80.	1.1	27
61	Synaptic glutamate receptor clustering in mice lacking the SH3 and GK domains of SAP97. European Journal of Neuroscience, 2002, 16, 1517-1522.	1.2	27
62	The role of Heme in the regulation of the late program of friend cell erythroid differentiation. Journal of Cellular Physiology, 1979, 100, 467-479.	2.0	26
63	A presenilin-independent aspartyl protease prefers the gamma-42 site cleavage. Journal of Neurochemistry, 2006, 96, 118-125.	2.1	25
64	Erythrocyte membrane antigen expression during friend cell differentiation: Analysis of two non-inducible variants. Journal of Cellular Physiology, 1978, 96, 291-301.	2.0	24
65	Different pseudotypesof friend spleen focus-forming virus induce polycythemia and erythropoietin-independent colony formation in serum-free medium. Virology, 1981, 110, 231-236.	1.1	24
66	Expression of Xkl-1, a Xenopus gene related to mammalian c-kit, in dorsal embryonic tissue. Mechanisms of Development, 1995, 50, 57-69.	1.7	21
67	ThewstGene Regulates Multiple Forms of Thymocyte Apoptosis. Cellular Immunology, 1998, 188, 111-117.	1.4	20
68	Defects in sensory nerve numbers and growth in mutant Kit and Steel mice. NeuroReport, 2000, 11, 1159-1165.	0.6	18
69	The pathophysiology of murine retrovirus-induced leukemias. Critical Reviews in Oncology/Hematology, 1986, 5, 257-323.	2.0	17
70	Mutations in the Murine Fitness 1 Gene Result in Defective Hematopoiesis. Blood, 1997, 90, 1850-1857.	0.6	15
71	Growth in high-K+ medium induces friend cell differentiation. Developmental Biology, 1979, 70, 268-273.	0.9	14
72	Mastocytosis cells bearing a c-kit activating point mutation are characterized by hypersensitivity to stem cell factor and increased apoptosis. British Journal of Haematology, 2000, 108, 729-736.	1.2	14

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73	STK Receptor Tyrosine Kinase Regulates Susceptibility to Infection with Listeria monocytogenes. Infection and Immunity, 2002, 70, 416-418.	1.0	14
74	A UNIQUE PATTERN OF Tie1 EXPRESSION IN THE DEVELOPING MURINE LUNG. Experimental Lung Research, 2003, 29, 113-122.	0.5	14
75	Gene Transfer with Retrovirus Vectors. , 1985, , 235-261.		13
76	The E. coli cell surface: On the genetic organization of the tolP AB cluster. Molecular Genetics and Genomics, 1973, 123, 111-121.	2.4	11
77	Induction of clonogenic and erythroleukemic cells by different helper virus pseudotypes of Friend spleen focus-forming virus. Virology, 1985, 141, 337-341.	1.1	11
78	Phorbol ester tumor promoters block the transition from the early to the heme-dependent late program of friend cell differentiation. Journal of Cellular Physiology, 1980, 105, 519-526.	2.0	10
79	The E. coli cell surface: Isolation of Î» transducing phages carrying the tolPAB cluster. Molecular Genetics and Genomics, 1973, 121, 325-335.	2.4	7
80	Proto-oncogenes in mammalian development. Current Opinion in Genetics and Development, 1992, 2, 38-44.	1.5	7
81	High efficiency gene transfer and expression in normal murine B lymphocytes. Journal of Immunological Methods, 1987, 101, 279-285.	0.6	6
82	A genetic linkage map of the mouse Chromosome 9 region encompassing the Friend virus susceptibility gene 2 (Fv2). Mammalian Genome, 1998, 9, 381-384.	1.0	6
83	Colchicine resistant friend cells: Application to the study of actinomycin D induced erythroid differentiation. Journal of Cellular Physiology, 1980, 102, 63-70.	2.0	5
84	Friend Virus-Induced Erythroleukemia: A Multistage Malignancy. Annals of the New York Academy of Sciences, 1989, 567, 165-170.	1.8	5
85	recessive spotting: a linked locus that interacts withW/Kitbut is not allelic. Genes To Cells, 1998, 3, 235-244.	0.5	4
86	Expression Trapping: Identification of Novel Genes Expressed in Hematopoietic and Endothelial Lineages by Gene Trapping in ES Cells. Blood, 1998, 92, 4622-4631.	0.6	4
87	Molecular genetic approaches to the elucidation of hematopoietic stem cell function. Stem Cells, 1993, 11, 31-35.	1.4	3
88	Modulation of the Haemopoietic System by Murine Retroviruses. Clinics in Haematology, 1984, 13, 447-459.	2.2	2
89	Construction of a web-based gene trap database as a functional genomics resource. Developmental Dynamics, 1998, 212, 334-334.	0.8	1
90	AHSCs: More Important than Ever in the Century of Health Research. HealthcarePapers, 2002, 2, 54-58.	0.2	1

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91	Have you used an adeno vector... lately?. Nature Genetics, 1998, 18, 305-306.	9.4	0