Brett T Spear

List of Publications by Year
in descending order

79 papers	2,479 citations	172457 29 h-index	223800 46 g-index
79 all docs	79 docs citations	79 times ranked	2919 citing authors

#	Article	IF	Citations
1	Highly homologous mouse Cyp2a4 and Cyp2a5 genes are differentially expressed in the liver and both express long non-coding antisense RNAs. Gene, 2021, 767, 145162.	2.2	4
2	The prorenin receptor and its soluble form contribute to lipid homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E609-E618.	3.5	11
3	IMERS: Interactive Mentoring to Enhance Research Skills Grantâ€Writing Workshops for Faculty at Minority Serving Institutions. FASEB Journal, 2021, 35, .	0.5	1
4	Evolutionary Analysis of the Zinc Finger and Homeoboxes Family of Proteins Identifies Multiple Conserved Domains and a Common Early Chordate Ancestor. Genome Biology and Evolution, 2020, 12, 174-184.	2.5	3
5	Liver size and lipid content differences between BALB/c and BALB/cJ mice on a high-fat diet are due, in part, to Zhx2. Mammalian Genome, 2019, 30, 226-236.	2.2	13
6	Autophagic flux modulation by Wnt/Î²-catenin pathway inhibition in hepatocellular carcinoma. PLoS ONE, 2019, 14, e0212538.	2.5	30
7	HBV suppresses ZHX2 expression to promote proliferation of HCC through miRâ€155 activation. International Journal of Cancer, 2018, 143, 3120-3130.	5.1	51
8	Zhx2 (zinc fingers and homeoboxes 2) regulates major urinary protein gene expression in the mouse liver. Journal of Biological Chemistry, 2017, 292, 6765-6774.	3.4	24
9	Zinc Fingers and Homeoboxes 2 (Zhx2) Regulates Sexually Dimorphic Cyp Gene Expression in the Adult Mouse Liver. Gene Expression, 2016, 17, 7-17.	1.2	19
10	AFP antiâ€sense transcripts in mouse liver and their potential role in gene regulation. FASEB Journal, 2016, 30, 804.4.	0.5	0
11	ZBTB20 is a sequence-specific transcriptional repressor of alpha-fetoprotein gene. Scientific Reports, 2015, 5, 11979.	3.3	24
12	N-Aryl benzenesulfonamide inhibitors of [3H]-thymidine incorporation and Î²-catenin signaling in human hepatocyte-derived Huh-7 carcinoma cells. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3897-3899.	2.2	10
13	ZHX2 enhances the cytotoxicity of chemotherapeutic drugs in liver tumor cells by repressing MDR1 via interfering with NF-YA. Oncotarget, 2015, 6, 1049-1063.	1.8	33
14	Targeting the Wnt/Î²-Catenin Signaling Pathway in Liver Cancer Stem Cells and Hepatocellular Carcinoma Cell Lines with FH535. PLoS ONE, 2014, 9, e99272.	2.5	93
15	Synergistic inhibition of HCC and liver cancer stem cell proliferation by targeting RAS/RAF/MAPK and WNT/Î²-catenin pathways. Anticancer Research, 2014, 34, 1709-13.	1.1	56
16	PKI-587 and sorafenib alone and in combination on inhibition of liver cancer stem cell proliferation. Journal of Surgical Research, 2013, 185, 225-230.	1.6	27
17	Zhx2 and the balance between cardiovascular and hepatic health. FASEB Journal, 2013, 27, .	0.5	0
18	Nonsurgical embryo transfer device compared with surgery for embryo transfer in mice. Journal of the American Association for Laboratory Animal Science, 2013, 52, 17-21.	1.2	26

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19	Pericentral activity of alpha-fetoprotein enhancer 3 and glutamine synthetase upstream enhancer in the adult liver are regulated by Î²-catenin in mice. Hepatology, 2012, 56, 1892-1901.	7.3	12
20	Zinc Fingers and Homeoboxes 2 Inhibits Hepatocellular Carcinoma Cell Proliferation and Represses Expression of Cyclins A and E. Gastroenterology, 2012, 142, 1559-1570.e2.	1.3	82
21	Effect of vitamin E on hepatic cell proliferation and apoptosis in mice deficient in the p50 subunit of NF-ÎºB after treatment with phenobarbital. Food and Chemical Toxicology, 2011, 49, 2706-2709.	3.6	4
22	Systemic Par-4 inhibits non-autochthonous tumor growth. Cancer Biology and Therapy, 2011, 12, 152-157.	3.4	35
23	Zhx2 and Zbtb20: Novel regulators of postnatal alpha-fetoprotein repression and their potential role in gene reactivation during liver cancer. Seminars in Cancer Biology, 2011, 21, 21-27.	9.6	47
24	The Mouse Alpha-Albumin (Afamin) Promoter Is Differentially Regulated by Hepatocyte Nuclear Factor 1Î± and Hepatocyte Nuclear Factor 1Î². DNA and Cell Biology, 2011, 30, 137-147.	1.9	12
25	Role of Oil Vehicle on Hepatic Cell Proliferation in PCB-Treated Rats. Journal of Environmental Pathology, Toxicology and Oncology, 2011, 30, 273-282.	1.2	2
26	Dietary antioxidants in the prevention of hepatocarcinogenesis: A review. Molecular Nutrition and Food Research, 2010, 54, 875-896.	3.3	85
27	Quantitative Trait Locus Mapping and Identification of Zhx2 as a Novel Regulator of Plasma Lipid Metabolism. Circulation: Cardiovascular Genetics, 2010, 3, 60-67.	5.1	36
28	Alpha-fetoprotein related gene (ARG): A new member of the albumin gene family that is no longer functional in primates. Gene, 2010, 449, 95-102.	2.2	15
29	Effects of Cigarette Smoke on the Activation of Oxidative Stress-Related Transcription Factors in Female A/J Mouse Lung. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1288-1297.	2.3	19
30	Postnatal AFP Repression by Zhx2 through RNA Splicing Inhibition. FASEB Journal, 2010, 24, 887.4.	0.5	0
31	Zhx2 protects the liver from highâ€fat induced liver damage. FASEB Journal, 2010, 24, 849.3.	0.5	0
32	Regulation of Alphaâ€fetoprotein expression in the mouse liver by HNF1 and NF1. FASEB Journal, 2010, 24, 833.21.	0.5	0
33	A device for the simple and rapid transcervical transfer of mouse embryos eliminates the need for surgery and potential post-operative complications. BioTechniques, 2009, 47, 919-924.	1.8	51
34	The alpha-fetoprotein enhancer region activates the albumin and alpha-fetoprotein promoters during liver development. Developmental Biology, 2009, 336, 294-300.	2.0	15
35	Characterization of the ETnII-Î± endogenous retroviral element in the BALB/cJ Zhx2 Afr1 allele. Mammalian Genome, 2008, 19, 26-31.	2.2	16
36	Effect of phenobarbital on hepatic cell proliferation and apoptosis in mice deficient in the p50 subunit of NF-ÎºB. Toxicology and Applied Pharmacology, 2008, 226, 338-344.	2.8	6

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37	Inhibition of the promotion of hepatocarcinogenesis by 2,2â€²,4,4â€²,5,5â€²-hexachlorobiphenyl (PCB-153) by the deletion of the p50 subunit of NF-ÎºB in mice. Toxicology and Applied Pharmacology, 2008, 232, 302-308.	2.8	25
38	Role of oxidative stress in the promoting activities of PCBs. Environmental Toxicology and Pharmacology, 2008, 25, 247-250.	4.0	33
39	Role of the p50 subunit of NF-ÎºB in vitamin E-induced changes in mice treated with the peroxisome proliferator, ciprofibrate. Food and Chemical Toxicology, 2008, 46, 2062-2073.	3.6	17
40	Effect of antioxidant phytochemicals on the hepatic tumor promoting activity of 3,3â€²,4,4â€²-tetrachlorobiphenyl (PCB-77). Food and Chemical Toxicology, 2008, 46, 3467-3474.	3.6	34
41	Normal intestinal epithelial cell differentiation in the absence of p21 and p27: new insights from old knock-out mice. Cancer Biology and Therapy, 2008, 7, 880-881.	3.4	3
42	Effect of Dietary Selenium on the Promotion of Hepatocarcinogenesis by 3,3â€², 4,4â€²-Tetrachlorobiphenyl and 2,2â€², 4,4â€², 5,5â€²-Hexachlorobiphenyl. Experimental Biology and Medicine, 2008, 233, 366-376.	2.4	17
43	The Role of NF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Îº</mml:mi></mml:math>B in PPAR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>-Mediated Hepatocarcinogenesis. PPAR Research, 2008, 2008, 1-9.	2.4	6
44	Cancer Resistance in Transgenic Mice Expressing the SAC Module of Par-4. Cancer Research, 2007, 67, 9276-9285.	0.9	62
45	The oncofetal geneglypican 3is regulated in the postnatal liver by zinc fingers and homeoboxes 2 and in the regenerating liver by alpha-fetoprotein regulator 2. Hepatology, 2007, 46, 1541-1547.	7.3	79
46	The effect of dietary glycine on the hepatic tumor promoting activity of polychlorinated biphenyls (PCBs) in rats. Toxicology, 2007, 239, 147-155.	4.2	17
47	PCB 153, a Non-dioxinâ€“like Tumor Promoter, Selects for Î²-Catenin (Catnb)â€“Mutated Mouse Liver Tumors. Toxicological Sciences, 2006, 93, 34-40.	3.1	54
48	Inhibition of Hepatocarcinogenesis by the Deletion of the p50 Subunit of NF-ÎºB in Mice Administered the Peroxisome Proliferator Wy-14,643. Toxicological Sciences, 2006, 90, 331-336.	3.1	18
49	Dietary Vitamin E Does Not Inhibit the Promotion of Liver Carcinogenesis by Polychlorinated Biphenyls in Rats. Journal of Nutrition, 2005, 135, 283-286.	2.9	11
50	Role of Oxidative Stress in Peroxisome Proliferator-Mediated Carcinogenesis. Critical Reviews in Toxicology, 2005, 35, 61-88.	3.9	57
51	Hereditary persistence of Â-fetoprotein and H19 expression in liver of BALB/cJ mice is due to a retrovirus insertion in the Zhx2 gene. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 396-401.	7.1	92
52	FoxA Proteins Regulate H19 Endoderm Enhancer E1 and Exhibit Developmental Changes in Enhancer Binding In Vivo. Molecular and Cellular Biology, 2004, 24, 9601-9609.	2.3	19
53	Effect of 2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153) on Hepatocyte Proliferation and Apoptosis in Mice Deficient in the p50 Subunit of the Transcription Factor NF-ÂB. Toxicological Sciences, 2004, 81, 35-42.	3.1	25
54	Effects of vitamin E on the NF-ÎºB pathway in rats treated with the peroxisome proliferator, ciprofibrate. Toxicology and Applied Pharmacology, 2004, 199, 1-9.	2.8	31

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55	Striking differences between the mouse and the human Î±-fetoprotein enhancers. Genomics, 2004, 83, 694-705.	2.9	8
56	Effect of a single dose of polychlorinated biphenyls on hepatic cell proliferation and the DNA binding activity of NF-?B and AP-1 in rats. Molecular Carcinogenesis, 2003, 37, 171-180.	2.7	20
57	Cell Proliferation and Apoptosis Are Altered in Mice Deficient in the NF-ÂB p50 Subunit after Treatment with the Peroxisome Proliferator Ciprofibrate. Toxicological Sciences, 2003, 75, 300-308.	3.1	20
58	Peroxisome Proliferators Do Not Activate the Transcription Factors AP-1, Early Growth Response-1, or Heat Shock Factors 1 and 2 in Rats or Hamsters. Toxicological Sciences, 2002, 69, 139-148.	3.1	11
59	The Mouse Alpha-Fetoprotein Promoter is Repressed in HepG2 Hepatoma Cells by Hepatocyte Nuclear Factor-3 (FOXA). DNA and Cell Biology, 2002, 21, 561-569.	1.9	23
60	Vitamin E Inhibits Hepatic NF-ÎºB Activation in Rats Administered the Hepatic Tumor Promoter, Phenobarbital. Journal of Nutrition, 2002, 132, 3178-3185.	2.9	46
61	Regulation of Cell Proliferation, Apoptosis, and Transcription Factor Activities during the Promotion of Liver Carcinogenesis by Polychlorinated Biphenyls. Toxicology and Applied Pharmacology, 2002, 179, 172-184.	2.8	107
62	Effects of Peroxisome Proliferators on Glutathione and Glutathione-Related Enzymes in Rats and Hamsters. Toxicology and Applied Pharmacology, 2001, 171, 27-37.	2.8	38
63	Differential Activation of Hepatic NF-ÂB in Rats and Hamsters by the Peroxisome Proliferators Wy-14,643, Gemfibrozil, and Dibutyl Phthalate. Toxicological Sciences, 2001, 62, 20-27.	3.1	29
64	Activation of nuclear factor-ÎºB by the peroxisome proliferator ciprofibrate in H4IIEC3 rat hepatoma cells and its inhibition by the antioxidants N-acetylcysteine and vitamin E. Biochemical Pharmacology, 2000, 59, 427-434.	4.4	35
65	Expression of the Hydrogen Peroxide-Generating Enzyme Fatty Acyl CoA Oxidase Activates NF-kappa B. DNA and Cell Biology, 2000, 19, 113-120.	1.9	51
66	The Alpha-fetoprotein Promoter Is the Target of Afr1-Mediated Postnatal Repression. Genomics, 2000, 63, 173-180.	2.9	18
67	Hepatocyte Nuclear Factor 3 Relieves Chromatin-mediated Repression of the Î±-Fetoprotein Gene. Journal of Biological Chemistry, 1999, 274, 25113-25120.	3.4	61
68	Alpha-fetoprotein gene regulation: lessons from transgenic mice. Seminars in Cancer Biology, 1999, 9, 109-116.	9.6	75
69	Effect of the Peroxisome Proliferator Ciprofibrate on Lipid Peroxidation and 8-Hydroxydeoxyguanosine Formation in Transgenic Mice with Elevated Hepatic Catalase Activity. Free Radical Biology and Medicine, 1998, 24, 1430-1436.	2.9	19
70	A Nonimmunoglobulin Transgene and the Endogenous Immunoglobulin Î¼ Gene Are Coordinately Regulated by Alternative RNA Processing during B-Cell Maturation. Molecular and Cellular Biology, 1998, 18, 1042-1048.	2.3	21
71	The Neuronal Voltage-Gated Sodium Channel, Scn8a, Is Essential for Postnatal Maturation of Spinal, but Not Oculomotor, Motor Units. Experimental Neurology, 1996, 139, 328-334.	4.1	14
72	Activation of Hepatic NF-ÎºB by Phenobarbital in Rats. Biochemical and Biophysical Research Communications, 1996, 229, 982-989.	2.1	30

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73	Increased Liver-specific Expression of Catalase in Transgenic Mice. Annals of the New York Academy of Sciences, 1996, 804, 542-553.	3.8	5
74	Increased Liver-Specific Catalase Activity in Transgenic Mice. DNA and Cell Biology, 1996, 15, 625-630.	1.9	7
75	Mutation of a new sodium channel gene, Scn8a, in the mouse mutant â€˜motor endplate diseaseâ€™. Nature Genetics, 1995, 10, 461-465.	21.4	286
76	Endogenous and transfected mouse alpha-fetoprotein genes in undifferentiated F9 cells are activated in transient heterokaryons. Somatic Cell and Molecular Genetics, 1995, 21, 19-31.	0.7	6
77	A SensitivelacZ-Based Expression Vector for Analyzing Transcriptional Control Elements in Eukaryotic Cells. DNA and Cell Biology, 1995, 14, 635-642.	1.9	22
78	Insertional mutation of the motor endplate disease (med) locus on mouse chromosome 15. Genomics, 1995, 26, 171-177.	2.9	48
79	Lymphocyte function-associated antigen 1 (LFA-1) and natural killer (NK) cell activity: LFA-1 is not necessary for all killer:Target cell interactions. Cellular Immunology, 1987, 109, 306-317.	3.0	17