Gen-Sheng Feng

List of Publications by Year
in descending order

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151 papers	10,281 citations	30070 54 h-index	36028 97 g-index

154 all docs	154 docs citations	154 times ranked	11800 citing authors

#	Article	IF	Citations
1	Deterministically patterned biomimetic human iPSC-derived hepatic model via rapid 3D bioprinting. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2206-2211.	7.1	676
2	Abnormal mesoderm patterning in mouse embryos mutant for the SH2 tyrosine phosphatase Shp-2. EMBO Journal, 1997, 16, 2352-2364.	7.8	423
3	Protein-tyrosine Phosphatase Shp-2 Regulates Cell Spreading, Migration, and Focal Adhesion. Journal of Biological Chemistry, 1998, 273, 21125-21131.	3.4	355
4	Shp-2 Tyrosine Phosphatase Functions as a Negative Regulator of the Interferon-Stimulated Jak/STAT Pathway. Molecular and Cellular Biology, 1999, 19, 2416-2424.	2.3	328
5	PTPN11 is the first identified proto-oncogene that encodes a tyrosine phosphatase. Blood, 2007, 109, 862-867.	1.4	305
6	Ptpn11/Shp2 Acts as a Tumor Suppressor in Hepatocellular Carcinogenesis. Cancer Cell, 2011, 19, 629-639.	16.8	279
7	Shp-2 Tyrosine Phosphatase: Signaling One Cell or Many. Experimental Cell Research, 1999, 253, 47-54.	2.6	265
8	Neuronal Shp2 tyrosine phosphatase controls energy balance and metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16064-16069.	7.1	226
9	Molecular Mechanism for the Shp-2 Tyrosine Phosphatase Function in Promoting Growth Factor Stimulation of Erk Activity. Molecular and Cellular Biology, 2000, 20, 1526-1536.	2.3	207
10	Nuclear factor high-mobility group box1 mediating the activation of toll-like receptor 4 signaling in hepatocytes in the early stage of nonalcoholic fatty liver disease in mice. Hepatology, 2011, 54, 1620-1630.	7.3	199
11	Force-dependent integrin-cytoskeleton linkage formation requires downregulation of focal complex dynamics by Shp2. EMBO Journal, 2003, 22, 5023-5035.	7.8	184
12	Hepatic transforming growth factor beta gives rise to tumor-initiating cells and promotes liver cancer development. Hepatology, 2012, 56, 2255-2267.	7.3	179
13	Phosphotyrosine phosphatases with SH2 domains: regulators of signal transduction. Trends in Genetics, 1994, 10, 54-58.	6.7	178
14	The tyrosine phosphatase SHP-2 is required for mediating phosphatidylinositol 3-kinase/Akt activation by growth factors. Oncogene, 2001, 20, 6018-6025.	5.9	145
15	Involvement of the Src Homology 2-containing Tyrosine Phosphatase SHP-2 in Growth Hormone Signaling. Journal of Biological Chemistry, 1998, 273, 2344-2354.	3.4	142
16	SHP-2 Is a Dual-specificity Phosphatase Involved in Stat1 Dephosphorylation at Both Tyrosine and Serine Residues in Nuclei. Journal of Biological Chemistry, 2002, 277, 47572-47580.	3.4	140
17	Involvement of SH2-containing Phosphotyrosine Phosphatase Syp in Erythropoietin Receptor Signal Transduction Pathways. Journal of Biological Chemistry, 1995, 270, 5631-5635.	3.4	139
18	The Shp-2 Tyrosine Phosphatase Has Opposite Effects in Mediating the Activation of Extracellular Signal-regulated and c-Jun NH2-terminal Mitogen-activated Protein Kinases. Journal of Biological Chemistry, 1998, 273, 4904-4908.	3.4	137

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19	The protein tyrosine phosphatase Shp-2 regulates RhoA activity. Current Biology, 2000, 10, 1523-1526.	3.9	130
20	Biased Suppression of Hematopoiesis and Multiple Developmental Defects in Chimeric Mice Containing Shp-2 Mutant Cells. Molecular and Cellular Biology, 1998, 18, 6075-6082.	2.3	125
21	Modulation of the Nuclear Factor Îºb Pathway by Shp-2 Tyrosine Phosphatase in Mediating the Induction of Interleukin (Il)-6 by IL-1 or Tumor Necrosis Factor. Journal of Experimental Medicine, 2001, 193, 101-110.	8.5	124
22	Deletion of Shp2 in the Brain Leads to Defective Proliferation and Differentiation in Neural Stem Cells and Early Postnatal Lethality. Molecular and Cellular Biology, 2007, 27, 6706-6717.	2.3	124
23	PTEN regulation by Aktâ€“EGR1â€“ARFâ€“PTEN axis. EMBO Journal, 2009, 28, 21-33.	7.8	122
24	PTPN11/Shp2 overexpression enhances liver cancer progression and predicts poor prognosis of patients. Journal of Hepatology, 2015, 63, 651-660.	3.7	122
25	p28GANK overexpression accelerates hepatocellular carcinoma invasiveness and metastasis via phosphoinositol 3-kinase/AKT/hypoxia-inducible factor-1Î± pathways. Hepatology, 2011, 53, 181-192.	7.3	121
26	Gab2, a New Pleckstrin Homology Domain-containing Adapter Protein, Acts to Uncouple Signaling from ERK Kinase to Elk-1. Journal of Biological Chemistry, 1999, 274, 19649-19654.	3.4	120
27	Molecular Characterization of Specific Interactions between SHP-2 Phosphatase and JAK Tyrosine Kinases. Journal of Biological Chemistry, 1997, 272, 1032-1037.	3.4	111
28	Grap Is a Novel SH3-SH2-SH3 Adaptor Protein That Couples Tyrosine Kinases to the Ras Pathway. Journal of Biological Chemistry, 1996, 271, 12129-12132.	3.4	108
29	Requirement of Shp-2 tyrosine phosphatase in lymphoid and hematopoietic cell development. Blood, 2001, 97, 911-914.	1.4	108
30	Conflicting Roles of Molecules in Hepatocarcinogenesis: Paradigm or Paradox. Cancer Cell, 2012, 21, 150-154.	16.8	107
31	Identification of Shp-2 as a Stat5A Phosphatase. Journal of Biological Chemistry, 2003, 278, 16520-16527.	3.4	106
32	Concerted Functions of Gab1 and Shp2 in Liver Regeneration and Hepatoprotection. Molecular and Cellular Biology, 2006, 26, 4664-4674.	2.3	106
33	OV6+ tumor-initiating cells contribute to tumor progression and invasion in human hepatocellular carcinoma. Journal of Hepatology, 2012, 57, 613-620.	3.7	106
34	Overexpression of Shp2 tyrosine phosphatase is implicated in leukemogenesis in adult human leukemia. Blood, 2005, 106, 3142-3149.	1.4	105
35	Tyrosine phosphatase SHP2 negatively regulates NLRP3 inflammasome activation via ANT1-dependent mitochondrial homeostasis. Nature Communications, 2017, 8, 2168.	12.8	101
36	Tyrosine phosphatase SHP-2 mediates C-type lectin receptorâ€“induced activation of the kinase Syk and anti-fungal TH17 responses. Nature Immunology, 2015, 16, 642-652.	14.5	92

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37	Abnormal Chemokine-Induced Responses of Immature and Mature Hematopoietic Cells from Motheaten Mice Implicate the Protein Tyrosine Phosphatase Shp-1 in Chemokine Responses. Journal of Experimental Medicine, 1999, 190, 681-690.	8.5	90
38	A definitive role of Shp-2 tyrosine phosphatase in mediating embryonic stem cell differentiation and hematopoiesis. Blood, 2003, 102, 2074-2080.	1.4	90
39	TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. Cell Reports, 2019, 27, 3629-3645.e6.	6.4	90
40	Apolipoprotein A-I possesses an anti-obesity effect associated with increase of energy expenditure and up-regulation of UCP1 in brown fat. Journal of Cellular and Molecular Medicine, 2011, 15, 763-772.	3.6	83
41	Deletion of Gab1 in the liver leads to enhanced glucose tolerance and improved hepatic insulin action. Nature Medicine, 2005, 11, 567-571.	30.7	79
42	Kit-Shp2-Kit signaling acts to maintain a functional hematopoietic stem and progenitor cell pool. Blood, 2011, 117, 5350-5361.	1.4	78
43	Shp-2 has a positive regulatory role in ES cell differentiation and proliferation. Oncogene, 1998, 17, 433-439.	5.9	73
44	Cytoplasmic Tyrosine Phosphatase Shp2 Coordinates Hepatic Regulation of Bile Acid and FGF15/19 Signaling to Repress Bile Acid Synthesis. Cell Metabolism, 2014, 20, 320-332.	16.2	72
45	SHP-2 promoting migration and metastasis of MCF-7 with loss of E-cadherin, dephosphorylation of FAK and secretion of MMP-9 induced by IL-1 ?in vivo andin vitro. Breast Cancer Research and Treatment, 2005, 89, 5-14.	2.5	71
46	Conditional Deletion of Shp2 Tyrosine Phosphatase in Thymocytes Suppresses Both Pre-TCR and TCR Signals. Journal of Immunology, 2006, 177, 5990-5996.	0.8	70
47	The germinal center kinase (GCK)-related protein kinases HPK1 and KHS are candidates for highly selective signal transducers of Crk family adapter proteins. Oncogene, 1998, 17, 1893-1901.	5.9	69
48	Grb-2â€“associated binder 1 (Gab1) regulates postnatal ischemic and VEGF-induced angiogenesis through the protein kinase Aâ€“endothelial NOS pathway. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2957-2962.	7.1	66
49	Adiponectin reduces thermogenesis by inhibiting brown adipose tissue activation in mice. Diabetologia, 2014, 57, 1027-1036.	6.3	66
50	Shp2-mediated molecular signaling in control of embryonic stem cell self-renewal and differentiation. Cell Research, 2007, 17, 37-41.	12.0	64
51	Development of Diabesity in Mice with Neuronal Deletion of Shp2 Tyrosine Phosphatase. American Journal of Pathology, 2008, 172, 1312-1324.	3.8	63
52	Deletion of Shp2 Tyrosine Phosphatase in Muscle Leads to Dilated Cardiomyopathy, Insulin Resistance, and Premature Death. Molecular and Cellular Biology, 2009, 29, 378-388.	2.3	62
53	Temporal Requirement of the Protein TyrosinePhosphatase Shp2 in Establishing the Neuronal Fatein Early Retinal Development. Journal of Neuroscience, 2010, 30, 4110-4119.	3.6	57
54	Shp2 Controls Female Body Weight and Energy Balance by Integrating Leptin and Estrogen Signals. Molecular and Cellular Biology, 2012, 32, 1867-1878.	2.3	57

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55	Conditional Deletion of Shp2 in the Mammary Gland Leads to Impaired Lobulo-alveolar Outgrowth and Attenuated Stat5 Activation. Journal of Biological Chemistry, 2006, 281, 34374-34380.	3.4	56
56	Syp Associates with gp130 and Janus Kinase 2 in Response to Interleukin-11 in 3T3-L1 Mouse Preadipocytes. Journal of Biological Chemistry, 1995, 270, 24826-24830.	3.4	55
57	Improving the Efficacy of Liver Cancer Immunotherapy: The Power of Combined Preclinical and Clinical Studies. Hepatology, 2021, 73, 104-114.	7.3	54
58	Gankyrin-mediated dedifferentiation facilitates the tumorigenicity of rat hepatocytes and hepatoma cells. Hepatology, 2011, 54, 1259-1272.	7.3	53
59	S-nitrosylated SHP-2 contributes to NMDA receptor-mediated excitotoxicity in acute ischemic stroke. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3137-3142.	7.1	53
60	Loss of Shp2 in alveoli epithelia induces deregulated surfactant homeostasis, resulting in spontaneous pulmonary fibrosis. FASEB Journal, 2012, 26, 2338-2350.	0.5	52
61	A Src family kinaseâ€“Shp2 axis controls RUNX1 activity in megakaryocyte and T-lymphocyte differentiation. Genes and Development, 2012, 26, 1587-1601.	5.9	52
62	Dual faces of SH2-containing protein-tyrosine phosphatase Shp2/PTPN11 in tumorigenesis. Frontiers of Medicine, 2012, 6, 275-279.	3.4	48
63	Nonreceptor tyrosine phosphatase Shp2 promotes adipogenesis through inhibition of p38 MAP kinase. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E79-88.	7.1	48
64	A Conserved Mechanism for Control of Human and Mouse Embryonic Stem Cell Pluripotency and Differentiation by Shp2 Tyrosine Phosphatase. PLoS ONE, 2009, 4, e4914.	2.5	48
65	Coordinated regulation by Shp2 tyrosine phosphatase of signaling events controlling insulin biosynthesis in pancreatic Î²-cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7531-7536.	7.1	47
66	Development of severe skeletal defects in induced SHP-2-deficient adult mice: a model of skeletal malformation in humans with SHP-2 mutations. DMM Disease Models and Mechanisms, 2011, 4, 228-239.	2.4	47
67	Targeted Disruption of Shp2 in Chondrocytes Leads to Metachondromatosis With Multiple Cartilaginous Protrusions. Journal of Bone and Mineral Research, 2014, 29, 761-769.	2.8	47
68	An Efficient Combination Immunotherapy for Primary Liver Cancer by Harmonized Activation of Innate and Adaptive Immunity in Mice. Hepatology, 2019, 69, 2518-2532.	7.3	47
69	Regulation of Neuregulin-Mediated Acetylcholine Receptor Synthesis by Protein Tyrosine Phosphatase SHP2. Journal of Neuroscience, 1999, 19, 9426-9435.	3.6	45
70	GC-GAP, a Rho Family GTPase-activating Protein That Interacts with Signaling Adapters Gab1 and Gab2. Journal of Biological Chemistry, 2003, 278, 34641-34653.	3.4	45
71	Cyclin G1 Expands Liver Tumor-Initiating Cells by Sox2 Induction via Akt/mTOR Signaling. Molecular Cancer Therapeutics, 2013, 12, 1796-1804.	4.1	45
72	Hepatic Autophagy Deficiency Compromises Farnesoid X Receptor Functionality and Causes Cholestatic Injury. Hepatology, 2019, 69, 2196-2213.	7.3	45

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73	SHP-2 is a novel target of Abl kinases during cell proliferation. Journal of Cell Science, 2008, 121, 3335-3346.	2.0	42
74	Grap Negatively Regulates T-Cell Receptor-Elicited Lymphocyte Proliferation and Interleukin-2 Induction. Molecular and Cellular Biology, 2002, 22, 3230-3236.	2.3	41
75	C/EBPÎ± regulates macrophage activation and systemic metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1144-E1154.	3.5	41
76	Deletion of the tyrosine phosphatase Shp2 in Sertoli cells causes infertility in mice. Scientific Reports, 2015, 5, 12982.	3.3	41
77	Modulation of Fatty Acid Synthase Degradation by Concerted Action of p38 MAP Kinase, E3 Ligase COP1, and SH2-Tyrosine Phosphatase Shp2. Journal of Biological Chemistry, 2013, 288, 3823-3830.	3.4	39
78	Shp2 deletion in hepatocytes suppresses hepatocarcinogenesis driven by oncogenic Î²-Catenin, PIK3CA and MET. Journal of Hepatology, 2018, 69, 79-88.	3.7	39
79	Adamantyl-Substituted Retinoid-Derived Molecules That Interact with the Orphan Nuclear Receptor Small Heterodimer Partner: Effects of Replacing the 1-Adamantyl or Hydroxyl Group on Inhibition of Cancer Cell Growth, Induction of Cancer Cell Apoptosis, and Inhibition of Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase-2 Activity. Journal of Medicinal Chemistry, 2008, 51, 5650-5662.	6.4	38
80	Epithelial Tyrosine Phosphatase SHP-2 Protects against Intestinal Inflammation in Mice. Molecular and Cellular Biology, 2013, 33, 2275-2284.	2.3	38
81	The Transition from Stem Cell to Progenitor Spermatogonia and Male Fertility Requires the SHP2 Protein Tyrosine Phosphatase. Stem Cells, 2014, 32, 741-753.	3.2	38
82	Intermittent Cold Exposure Enhances Fat Accumulation in Mice. PLoS ONE, 2014, 9, e96432.	2.5	37
83	The Protein Tyrosine Phosphatase SHP-2 Regulates Interleukin-1-induced ERK Activation in Fibroblasts. Journal of Biological Chemistry, 2003, 278, 27190-27198.	3.4	36
84	Protein-tyrosine Phosphatase Shp2 Positively Regulates Macrophage Oxidative Burst. Journal of Biological Chemistry, 2015, 290, 3894-3909.	3.4	36
85	Shp2 acts downstream of SDF-1Î±/CXCR4 in guiding granule cell migration during cerebellar development. Developmental Biology, 2009, 334, 276-284.	2.0	35
86	Dual Shp2 and Pten Deficiencies Promote Non-alcoholic Steatohepatitis and Genesis of Liver Tumor-Initiating Cells. Cell Reports, 2016, 17, 2979-2993.	6.4	35
87	Endothelial Grb2-Associated Binder 1 Is Crucial for Postnatal Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1016-1023.	2.4	34
88	Abnormal PTPN11 enhancer methylation promotes rheumatoid arthritis fibroblast-like synoviocyte aggressiveness and joint inflammation. JCI Insight, 2016, 1, .	5.0	34
89	Control of oligodendrocyte generation and proliferation by Shp2 protein tyrosine phosphatase. Glia, 2010, 58, 1407-1414.	4.9	33
90	Deletion of SHP-2 in mesenchymal stem cells causes growth retardation, limb and chest deformity, and calvarial defects in mice. DMM Disease Models and Mechanisms, 2013, 6, 1448-58.	2.4	33

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91	Loss of Shp2-Mediated Mitogen-Activated Protein Kinase Signaling in MÃ¼ller Glial Cells Results in Retinal Degeneration. Molecular and Cellular Biology, 2011, 31, 2973-2983.	2.3	32
92	A Novel Stat3 Binding Motif in Gab2 Mediates Transformation of Primary Hematopoietic Cells by the Stk/Ron Receptor Tyrosine Kinase in Response to Friend Virus Infection. Molecular and Cellular Biology, 2007, 27, 3708-3715.	2.3	31
93	Nuclear Shp2 directs normal embryo implantation via facilitating the ERÎ± tyrosine phosphorylation by the Src kinase. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4816-4821.	7.1	31
94	Temporal analyses of postnatal liver development and maturation by single-cell transcriptomics. Developmental Cell, 2022, 57, 398-414.e5.	7.0	30
95	SH2 domain containing protein tyrosine phosphatase 2 regulates concanavalin A-dependent secretion and activation of matrix metalloproteinase 2 via the extracellular signal-regulated kinase and p38 pathways. Cancer Research, 2003, 63, 6334-9.	0.9	30
96	Î²â€catenin deficiency in hepatocytes aggravates hepatocarcinogenesis driven by oncogenic Î²â€catenin and MET. Hepatology, 2018, 67, 1807-1822.	7.3	29
97	Frs2Î± and Shp2 signal independently of Gab to mediate FGF signaling in lens development. Journal of Cell Science, 2014, 127, 571-82.	2.0	28
98	Lens differentiation is controlled by the balance between PDGF and FGF signaling. PLoS Biology, 2019, 17, e3000133.	5.6	28
99	Crk proteins transduce FGF signaling to promote lens fiber cell elongation. ELife, 2018, 7, .	6.0	27
100	Osteoblastic molecular scaffold Gab1 is required for maintaining bone homeostasis. Journal of Cell Science, 2010, 123, 682-689.	2.0	26
101	Computation-Guided Discovery of Influenza Endonuclease Inhibitors. ACS Medicinal Chemistry Letters, 2014, 5, 61-64.	2.8	26
102	SHP-2 phosphatase contributes to KRAS-driven intestinal oncogenesis but prevents colitis-associated cancer development. Oncotarget, 2016, 7, 65676-65695.	1.8	26
103	Single-cell transcriptomics reveals opposing roles of Shp2 in Myc-driven liver tumor cells and microenvironment. Cell Reports, 2021, 37, 109974.	6.4	26
104	A Coiled-coil Tetramerization Domain of BCR-ABL Is Essential for the Interactions of SH2-containing Signal Transduction Molecules. Journal of Biological Chemistry, 1997, 272, 1389-1394.	3.4	25
105	Shp2 Is Dispensable in the Formation and Maintenance of the Neuromuscular Junction. NeuroSignals, 2006, 15, 53-63.	0.9	24
106	SH2 Domain-Containing Phosphatase-2 Protein-Tyrosine Phosphatase Promotes FcÎµRI-Induced Activation of Fyn and Erk Pathways Leading to TNFÎ± Release from Bone Marrow-Derived Mast Cells. Journal of Immunology, 2009, 183, 4940-4947.	0.8	24
107	SH2 Domain-Containing Phosphatase 2 Is a Critical Regulator of Connective Tissue Mast Cell Survival and Homeostasis in Mice. Molecular and Cellular Biology, 2012, 32, 2653-2663.	2.3	23
108	Tyrosine Phosphatase Shp2 Mediates the Estrogen Biological Action in Breast Cancer via Interaction with the Estrogen Extranuclear Receptor. PLoS ONE, 2014, 9, e102847.	2.5	23

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109	Role of Gab1 in UV-Induced c-Jun NH 2 -Terminal Kinase Activation and Cell Apoptosis. Molecular and Cellular Biology, 2004, 24, 1531-1539.	2.3	22
110	Preventive Inhibition of Liver Tumorigenesis by Systemic Activation of Innate Immune Functions. Cell Reports, 2017, 21, 1870-1882.	6.4	22
111	SHPâ€2 Phosphatase Prevents Colonic Inflammation by Controlling Secretory Cell Differentiation and Maintaining Hostâ€Microbiota Homeostasis. Journal of Cellular Physiology, 2016, 231, 2529-2540.	4.1	21
112	Deletion of Gab2 in mice protects against hepatic steatosis and steatohepatitis: a novel therapeutic target for fatty liver disease. Journal of Molecular Cell Biology, 2016, 8, 492-504.	3.3	21
113	Alx4 relays sequential FGF signaling to induce lacrimal gland morphogenesis. PLoS Genetics, 2017, 13, e1007047.	3.5	21
114	Macrophage Depletion Disrupts Immune Balance and Energy Homeostasis. PLoS ONE, 2014, 9, e99575.	2.5	20
115	Gab2 mediates hepatocellular carcinogenesis by integrating multiple signaling pathways. FASEB Journal, 2017, 31, 5530-5542.	0.5	20
116	Targeting chondrocytes for arresting bony fusion in ankylosing spondylitis. Nature Communications, 2021, 12, 6540.	12.8	20
117	Disrupting phosphatase SHP2 in macrophages protects mice from high-fat diet-induced hepatic steatosis and insulin resistance by elevating IL-18 levels. Journal of Biological Chemistry, 2020, 295, 10842-10856.	3.4	18
118	Metavir and FIB-4 scores are associated with patient prognosis after curative hepatectomy in hepatitis B virus-related hepatocellular carcinoma: a retrospective cohort study at two centers in China. Oncotarget, 2017, 8, 1774-1787.	1.8	17
119	SHP-2 deletion in postmigratory neural crest cells results in impaired cardiac sympathetic innervation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1374-82.	7.1	16
120	Humanâ€specific polymorphic pseudogenization of SIGLEC12 protects against advanced cancer progression. FASEB BioAdvances, 2021, 3, 69-82.	2.4	14
121	SHP2-Deficiency in Chondrocytes Deforms Orofacial Cartilage and Ciliogenesis in Mice. Journal of Bone and Mineral Research, 2015, 30, 2028-2032.	2.8	13
122	High-fat feeding reprograms maternal energy metabolism and induces long-term postpartum obesity in mice. International Journal of Obesity, 2019, 43, 1747-1758.	3.4	13
123	Enhancing the therapeutic efficacy of programmed death ligand 1 antibody for metastasized liver cancer by overcoming hepatic immunotolerance in mice. Hepatology, 2022, 76, 630-645.	7.3	13
124	Targeting of Ras-mediated FGF signaling suppresses Pten-deficient skin tumor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13156-13161.	7.1	12
125	The role of tyrosine phosphatase Shp2 in spermatogonial differentiation and spermatocyte meiosis. Asian Journal of Andrology, 2020, 22, 79.	1.6	12
126	Downregulation of platelet-derived growth factor receptor-Î² in Shp-2 mutant fibroblast cell lines. Oncogene, 1998, 17, 441-448.	5.9	11

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127	VEGFA Genomic Amplification Tailors Treatment of HCCs with Sorafenib. Cancer Discovery, 2014, 4, 640-641.	9.4	10
128	Shp2 and Pten have antagonistic roles in myeloproliferation but cooperate to promote erythropoiesis in mammals. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13342-13347.	7.1	10
129	A tumorigenic index for quantitative analysis of liver cancer initiation and progression. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26873-26880.	7.1	10
130	Stress Conditions Induced by Locoregional Therapies Stimulate Enrichment and Proliferation of Liver Cancer Stem Cells. Journal of Vascular and Interventional Radiology, 2019, 30, 2016-2025.e5.	0.5	9
131	NCOA5, a molecular link between type 2 diabetes and liver cancer. Hepatobiliary Surgery and Nutrition, 2014, 3, 106-8.	1.5	9
132	Bridging cell surface receptor with nuclear receptors in control of bile acid homeostasis. Acta Pharmacologica Sinica, 2015, 36, 113-118.	6.1	5
133	A role for SHPSâ€1/SIRPÎ± in Concanavalin Aâ€dependent production of MMPâ€9. Genes To Cells, 2007, 12, 1023-1033.	1.2	4
134	A new VETC in hepatocellular carcinoma metastasis. Hepatology, 2015, 62, 343-345.	7.3	4
135	A Noval Stat3 Binding Site in Gab2 Mediates Hematopoietic Transformation by Friend Erythroleukemia Virus.. Blood, 2006, 108, 465-465.	1.4	4
136	Pharmaceutical SH2 domainâ€“containing protein tyrosine phosphatase 2 inhibition suppresses primary and metastasized liver tumors by provoking hepatic innate immunity. Hepatology, 2023, 77, 1512-1526.	7.3	4
137	Gel-seq: whole-genome and transcriptome sequencing by simultaneous low-input DNA and RNA library preparation using semi-permeable hydrogel barriers. Lab on A Chip, 2017, 17, 2619-2630.	6.0	3
138	Androgen receptor, neovascularization and liver cancer metastasis. Journal of Hepatology, 2021, 75, 768-769.	3.7	3
139	Control of body weight versus tumorigenesis by concerted action of leptin and estrogen. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 339-345.	5.7	2
140	Treating leukemia at the risk of inducing severe anemia. Experimental Hematology, 2016, 44, 329-331.	0.4	2
141	Tyrosine Phosphorylation of Runx1 In Megakaryocytes by Src Family Kinases. Blood, 2010, 116, 742-742.	1.4	2
142	Mutated SHP and AML in leukemias. Blood, 2004, 103, 1982-1983.	1.4	1
143	Deciphering the molecular and physiological connections between obesity and breast cancer. Frontiers in Biology, 2011, 6, 206.	0.7	1
144	Tumor immunology and immunotherapy: a journey I started from Hangzhou. Journal of Zhejiang University: Science B, 2019, 20, 373-380.	2.8	1

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145	Targeting the Protein Phosphatase, Shp2, Reduces FLT3-ITD-Induced Hyperproliferation of Murine Hematopoietic Progenitors.. Blood, 2009, 114, 827-827.	1.4	0
146	The G-CSF Receptor Requires Gab2-Mediated Recruitment of the Tyrosine Phosphatase Shp2 to Promote Lyn-Dependent Proliferation.. Blood, 2010, 116, 1555-1555.	1.4	0
147	Coordinated Regulation of Embryonic and Adult Hematopoietic Stem Cell Activity by PTPN11/Shp2.. Blood, 2010, 116, 2630-2630.	1.4	0
148	KIT Induced Myeloproliferative Disease Is Dependent on PI3Kinase and SHP2 Phosphatase: Identification of SHP2 As a Druggable Target for Treating MPD and AML. Blood, 2011, 118, 868-868.	1.4	0
149	The Protein Tyrosine Phosphatase, Shp2, Positively Contributes to FLT3-ITD-Induced Malignant Disease in Vivo and Co-Localizes with Nuclear Phospho-STAT5 in FLT3-ITD-Expressing Leukemic Cells.. Blood, 2012, 120, 2420-2420.	1.4	0
150	Macrophage NADPH Oxidase Activation and ROS Production Is Positively Regulated By Shp2 Phosphatase Function. Blood, 2014, 124, 1397-1397.	1.4	0
151	A New Preventive Therapeutic Strategy for Liver Cancer. FASEB Journal, 2018, 32, 696.1.	0.5	0