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	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
2	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
3	Temporal analyses of postnatal liver development and maturation by single-cell transcriptomics. Developmental Cell, 2022, 57, 398-414.e5.	7.0	30
4	Improving the Efficacy of Liver Cancer Immunotherapy: The Power of Combined Preclinical and Clinical Studies. Hepatology, 2021, 73, 104-114.	7.3	54
5	Humanâ€specific polymorphic pseudogenization of SIGLEC12 protects against advanced cancer progression. FASEB BioAdvances, 2021, 3, 69-82.	2.4	14
6	Androgen receptor, neovascularization and liver cancer metastasis. Journal of Hepatology, 2021, 75, 768-769.	3.7	3
7	Targeting chondrocytes for arresting bony fusion in ankylosing spondylitis. Nature Communications, 2021, 12, 6540.	12.8	20
8	Single-cell transcriptomics reveals opposing roles of Shp2 in Myc-driven liver tumor cells and microenvironment. Cell Reports, 2021, 37, 109974.	6.4	26
9	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
10	The role of tyrosine phosphatase Shp2 in spermatogonial differentiation and spermatocyte meiosis. Asian Journal of Andrology, 2020, 22, 79.	1.6	12
11	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
12	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
13	Lens differentiation is controlled by the balance between PDGF and FGF signaling. PLoS Biology, 2019, 17, e3000133.	5.6	28
14	Tumor immunology and immunotherapy: a journey I started from Hangzhou. Journal of Zhejiang University: Science B, 2019, 20, 373-380.	2.8	1
15	TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. Cell Reports, 2019, 27, 3629-3645.e6.	6.4	90
16	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
17	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
18	Hepatic Autophagy Deficiency Compromises Farnesoid X Receptor Functionality and Causes Cholestatic Injury. Hepatology, 2019, 69, 2196-2213.	7.3	45

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19	Shp2 deletion in hepatocytes suppresses hepatocarcinogenesis driven by oncogenic Î²-Catenin, PIK3CA and MET. Journal of Hepatology, 2018, 69, 79-88.	3.7	39
20	Î²â€catenin deficiency in hepatocytes aggravates hepatocarcinogenesis driven by oncogenic Î²â€catenin and MET. Hepatology, 2018, 67, 1807-1822.	7.3	29
21	Crk proteins transduce FGF signaling to promote lens fiber cell elongation. ELife, 2018, 7, .	6.0	27
22	A New Preventive Therapeutic Strategy for Liver Cancer. FASEB Journal, 2018, 32, 696.1.	0.5	0
23	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
24	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
25	Gab2 mediates hepatocellular carcinogenesis by integrating multiple signaling pathways. FASEB Journal, 2017, 31, 5530-5542.	0.5	20
26	Preventive Inhibition of Liver Tumorigenesis by Systemic Activation of Innate Immune Functions. Cell Reports, 2017, 21, 1870-1882.	6.4	22
27	Tyrosine phosphatase SHP2 negatively regulates NLRP3 inflammasome activation via ANT1-dependent mitochondrial homeostasis. Nature Communications, 2017, 8, 2168.	12.8	101
28	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
29	Alx4 relays sequential FGF signaling to induce lacrimal gland morphogenesis. PLoS Genetics, 2017, 13, e1007047.	3.5	21
30	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
31	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
32	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
33	Treating leukemia at the risk of inducing severe anemia. Experimental Hematology, 2016, 44, 329-331.	0.4	2
34	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
35	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
36	Abnormal PTPN11 enhancer methylation promotes rheumatoid arthritis fibroblast-like synoviocyte aggressiveness and joint inflammation. JCI Insight, 2016, 1, .	5.0	34

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37	SHP-2 phosphatase contributes to KRAS-driven intestinal oncogenesis but prevents colitis-associated cancer development. Oncotarget, 2016, 7, 65676-65695.	1.8	26
38	Deletion of the tyrosine phosphatase Shp2 in Sertoli cells causes infertility in mice. Scientific Reports, 2015, 5, 12982.	3.3	41
39	A new VETC in hepatocellular carcinoma metastasis. Hepatology, 2015, 62, 343-345.	7.3	4
40	SHP2-Deficiency in Chondrocytes Deforms Orofacial Cartilage and Ciliogenesis in Mice. Journal of Bone and Mineral Research, 2015, 30, 2028-2032.	2.8	13
41	PTPN11/Shp2 overexpression enhances liver cancer progression and predicts poor prognosis of patients. Journal of Hepatology, 2015, 63, 651-660.	3.7	122
42	Protein-tyrosine Phosphatase Shp2 Positively Regulates Macrophage Oxidative Burst. Journal of Biological Chemistry, 2015, 290, 3894-3909.	3.4	36
43	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
44	Bridging cell surface receptor with nuclear receptors in control of bile acid homeostasis. Acta Pharmacologica Sinica, 2015, 36, 113-118.	6.1	5
45	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
46	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
47	Intermittent Cold Exposure Enhances Fat Accumulation in Mice. PLoS ONE, 2014, 9, e96432.	2.5	37
48	Macrophage Depletion Disrupts Immune Balance and Energy Homeostasis. PLoS ONE, 2014, 9, e99575.	2.5	20
49	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
50	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
51	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
52	VEGFA Genomic Amplification Tailors Treatment of HCCs with Sorafenib. Cancer Discovery, 2014, 4, 640-641.	9.4	10
53	Adiponectin reduces thermogenesis by inhibiting brown adipose tissue activation in mice. Diabetologia, 2014, 57, 1027-1036.	6.3	66
54	Computation-Guided Discovery of Influenza Endonuclease Inhibitors. ACS Medicinal Chemistry Letters, 2014, 5, 61-64.	2.8	26

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55	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
56	C/EBPÎ± regulates macrophage activation and systemic metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1144-E1154.	3.5	41
57	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
58	NCOA5, a molecular link between type 2 diabetes and liver cancer. Hepatobiliary Surgery and Nutrition, 2014, 3, 106-8.	1.5	9
59	Macrophage NADPH Oxidase Activation and ROS Production Is Positively Regulated By Shp2 Phosphatase Function. Blood, 2014, 124, 1397-1397.	1.4	0
60	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
61	Cyclin G1 Expands Liver Tumor-Initiating Cells by Sox2 Induction via Akt/mTOR Signaling. Molecular Cancer Therapeutics, 2013, 12, 1796-1804.	4.1	45
62	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
63	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
64	Epithelial Tyrosine Phosphatase SHP-2 Protects against Intestinal Inflammation in Mice. Molecular and Cellular Biology, 2013, 33, 2275-2284.	2.3	38
65	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
66	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
67	Loss of Shp2 in alveoli epithelia induces deregulated surfactant homeostasis, resulting in spontaneous pulmonary fibrosis. FASEB Journal, 2012, 26, 2338-2350.	0.5	52
68	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
69	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
70	Hepatic transforming growth factor beta gives rise to tumor-initiating cells and promotes liver cancer development. Hepatology, 2012, 56, 2255-2267.	7.3	179
71	OV6+ tumor-initiating cells contribute to tumor progression and invasion in human hepatocellular carcinoma. Journal of Hepatology, 2012, 57, 613-620.	3.7	106
72	Dual faces of SH2-containing protein-tyrosine phosphatase Shp2/PTPN11 in tumorigenesis. Frontiers of Medicine, 2012, 6, 275-279.	3.4	48

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73	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
74	Conflicting Roles of Molecules in Hepatocarcinogenesis: Paradigm or Paradox. Cancer Cell, 2012, 21, 150-154.	16.8	107
75	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
76	Kit-Shp2-Kit signaling acts to maintain a functional hematopoietic stem and progenitor cell pool. Blood, 2011, 117, 5350-5361.	1.4	78
77	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
78	Ptpn11/Shp2 Acts as a Tumor Suppressor in Hepatocellular Carcinogenesis. Cancer Cell, 2011, 19, 629-639.	16.8	279
79	Deciphering the molecular and physiological connections between obesity and breast cancer. Frontiers in Biology, 2011, 6, 206.	0.7	1
80	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
81	Gankyrin-mediated dedifferentiation facilitates the tumorigenicity of rat hepatocytes and hepatoma cells. Hepatology, 2011, 54, 1259-1272.	7.3	53
82	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
83	Endothelial Grb2-Associated Binder 1 Is Crucial for Postnatal Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1016-1023.	2.4	34
84	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
85	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
86	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
87	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
88	Control of oligodendrocyte generation and proliferation by Shp2 protein tyrosine phosphatase. Glia, 2010, 58, 1407-1414.	4.9	33
89	Osteoblastic molecular scaffold Gab1 is required for maintaining bone homeostasis. Journal of Cell Science, 2010, 123, 682-689.	2.0	26
90	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

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91	Tyrosine Phosphorylation of Runx1 In Megakaryocytes by Src Family Kinases. Blood, 2010, 116, 742-742.	1.4	2
92	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
93	Coordinated Regulation of Embryonic and Adult Hematopoietic Stem Cell Activity by PTPN11/Shp2.. Blood, 2010, 116, 2630-2630.	1.4	0
94	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
95	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
96	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
97	PTEN regulation by Aktâ€“EGR1â€“ARFâ€“PTEN axis. EMBO Journal, 2009, 28, 21-33.	7.8	122
98	Shp2 acts downstream of SDF-1Î±/CXCR4 in guiding granule cell migration during cerebellar development. Developmental Biology, 2009, 334, 276-284.	2.0	35
99	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
100	Targeting the Protein Phosphatase, Shp2, Reduces FLT3-ITD-Induced Hyperproliferation of Murine Hematopoietic Progenitors.. Blood, 2009, 114, 827-827.	1.4	0
101	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, 5659-5662.	6.4	38
102	Development of Diabesity in Mice with Neuronal Deletion of Shp2 Tyrosine Phosphatase. American Journal of Pathology, 2008, 172, 1312-1324.	3.8	63
103	SHP-2 is a novel target of Abl kinases during cell proliferation. Journal of Cell Science, 2008, 121, 3335-3346.	2.0	42
104	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
105	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
106	PTPN11 is the first identified proto-oncogene that encodes a tyrosine phosphatase. Blood, 2007, 109, 862-867.	1.4	305
107	Shp2-mediated molecular signaling in control of embryonic stem cell self-renewal and differentiation. Cell Research, 2007, 17, 37-41.	12.0	64
108	A role for SHPSâ€1/SIRPÎ± in Concanavalin Aâ€dependent production of MMPâ€9. Genes To Cells, 2007, 12, 1023-1033.	1.2	4

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109	Shp2 Is Dispensable in the Formation and Maintenance of the Neuromuscular Junction. NeuroSignals, 2006, 15, 53-63.	0.9	24
110	Concerted Functions of Gab1 and Shp2 in Liver Regeneration and Hepatoprotection. Molecular and Cellular Biology, 2006, 26, 4664-4674.	2.3	106
111	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
112	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
113	A Noval Stat3 Binding Site in Gab2 Mediates Hematopoietic Transformation by Friend Erythroleukemia Virus.. Blood, 2006, 108, 465-465.	1.4	4
114	Overexpression of Shp2 tyrosine phosphatase is implicated in leukemogenesis in adult human leukemia. Blood, 2005, 106, 3142-3149.	1.4	105
115	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
116	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
117	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
118	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
119	Mutated SHP and AML in leukemias. Blood, 2004, 103, 1982-1983.	1.4	1
120	Force-dependent integrin-cytoskeleton linkage formation requires downregulation of focal complex dynamics by Shp2. EMBO Journal, 2003, 22, 5023-5035.	7.8	184
121	Identification of Shp-2 as a Stat5A Phosphatase. Journal of Biological Chemistry, 2003, 278, 16520-16527.	3.4	106
122	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
123	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
124	A definitive role of Shp-2 tyrosine phosphatase in mediating embryonic stem cell differentiation and hematopoiesis. Blood, 2003, 102, 2074-2080.	1.4	90
125	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
126	Grap Negatively Regulates T-Cell Receptor-Elicited Lymphocyte Proliferation and Interleukin-2 Induction. Molecular and Cellular Biology, 2002, 22, 3230-3236.	2.3	41

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127	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
128	Requirement of Shp-2 tyrosine phosphatase in lymphoid and hematopoietic cell development. Blood, 2001, 97, 911-914.	1.4	108
129	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
130	Modulation of the Nuclear Factor Î¹b 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
131	The protein tyrosine phosphatase Shp-2 regulates RhoA activity. Current Biology, 2000, 10, 1523-1526.	3.9	130
132	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
133	Regulation of Neuregulin-Mediated Acetylcholine Receptor Synthesis by Protein Tyrosine Phosphatase SHP2. Journal of Neuroscience, 1999, 19, 9426-9435.	3.6	45
134	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
135	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
136	Shp-2 Tyrosine Phosphatase: Signaling One Cell or Many. Experimental Cell Research, 1999, 253, 47-54.	2.6	265
137	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
138	Shp-2 has a positive regulatory role in ES cell differentiation and proliferation. Oncogene, 1998, 17, 433-439.	5.9	73
139	Downregulation of platelet-derived growth factor receptor-Î² in Shp-2 mutant fibroblast cell lines. Oncogene, 1998, 17, 441-448.	5.9	11
140	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
141	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
142	Protein-tyrosine Phosphatase Shp-2 Regulates Cell Spreading, Migration, and Focal Adhesion. Journal of Biological Chemistry, 1998, 273, 21125-21131.	3.4	355
143	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
144	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

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145	Molecular Characterization of Specific Interactions between SHP-2 Phosphatase and JAK Tyrosine Kinases. Journal of Biological Chemistry, 1997, 272, 1032-1037.	3.4	111
146	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
147	Abnormal mesoderm patterning in mouse embryos mutant for the SH2 tyrosine phosphatase Shp-2. EMBO Journal, 1997, 16, 2352-2364.	7.8	423
148	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
149	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
150	Involvement of SH2-containing Phosphotyrosine Phosphatase Syp in Erythropoietin Receptor Signal Transduction Pathways. Journal of Biological Chemistry, 1995, 270, 5631-5635.	3.4	139
151	Phosphotyrosine phosphatases with SH2 domains: regulators of signal transduction. Trends in Genetics, 1994, 10, 54-58.	6.7	178