Christin Carter-Su

List of Publications by Year
in descending order

56 papers	4,610 citations	109321 35 h-index	175258 52 g-index
58 all docs	58 docs citations	58 times ranked	3515 citing authors

#	Article	IF	Citations
1	The nucleolar Î´ isoform of adapter protein SH2B1 enhances morphological complexity and function of cultured neurons. Journal of Cell Science, 2022, 135, .	2.0	3
2	Deletion of the Brain-Specific Î± and Î´ Isoforms of Adapter Protein SH2B1 Protects Mice From Obesity. Diabetes, 2021, 70, 400-414.	0.6	4
3	Crucial Role of the SH2B1 PH Domain for the Control of Energy Balance. Diabetes, 2019, 68, 2049-2062.	0.6	16
4	OR12-6 Deletion Of The Brain-Specific Î± And Î´ Isoforms Of SH2B1 Protects Against Diet-Induced Obesity In A Leptin-Independent Manner. Journal of the Endocrine Society, 2019, 3, .	0.2	0
5	Phosphorylation of the Unique C-Terminal Tail of the Alpha Isoform of the Scaffold Protein SH2B1 Controls the Ability of SH2B1<i>Î±</i> To Enhance Nerve Growth Factor Function. Molecular and Cellular Biology, 2018, 38, .	2.3	8
6	Mutations in the PH Domain of SH2B1 Result in Energy Imbalance and/or Impaired Glucose Metabolism. FASEB Journal, 2018, 32, 923.5.	0.5	0
7	The Dyslexia-susceptibility Protein KIAA0319 Inhibits Axon Growth Through Smad2 Signaling. Cerebral Cortex, 2017, 27, 1732-1747.	2.9	29
8	Iron Uptake via DMT1 Integrates Cell Cycle with JAK-STAT3 Signaling to Promote Colorectal Tumorigenesis. Cell Metabolism, 2016, 24, 447-461.	16.2	168
9	Growth hormone signaling pathways. Growth Hormone and IGF Research, 2016, 28, 11-15.	1.1	77
10	Functional Characterization of Obesity-Associated Variants Involving the Î± and Î² Isoforms of Human SH2B1. Endocrinology, 2014, 155, 3219-3226.	2.8	39
11	Phosphorylation of the adaptor protein SH2B1Î²regulates its ability to enhance growth hormone (GH)-dependent macrophage motility. Journal of Cell Science, 2013, 126, 1733-43.	2.0	25
12	Research Resource: Identification of Novel Growth Hormone-Regulated Phosphorylation Sites by Quantitative Phosphoproteomics. Molecular Endocrinology, 2012, 26, 1056-1073.	3.7	10
13	Human SH2B1 mutations are associated with maladaptive behaviors and obesity. Journal of Clinical Investigation, 2012, 122, 4732-4736.	8.2	147
14	JAKs, Stats, and CK2?. Blood, 2011, 118, 5-6.	1.4	4
15	Identification of SH2B1Î² as a focal adhesion protein that regulates focal adhesion size and number. Journal of Cell Science, 2011, 124, 3095-3105.	2.0	16
16	Phosphorylation controls a dual-function polybasic nuclear localization sequence in the adapter protein SH2B1Î² to regulate its cellular function and distribution. Journal of Cell Science, 2011, 124, 1542-1552.	2.0	17
17	Interaction of Adipocyte Fatty Acid-binding Protein (AFABP) and JAK2. Journal of Biological Chemistry, 2009, 284, 13473-13480.	3.4	41
18	Nucleocytoplasmic Shuttling of the Adapter Protein SH2B1Î² (SH2-BÎ²) Is Required for Nerve Growth Factor (NGF)-Dependent Neurite Outgrowth and Enhancement of Expression of a Subset of NGF-Responsive Genes. Molecular Endocrinology, 2009, 23, 1077-1091.	3.7	25

#	Article	IF	Citations
19	JAK2, But Not Src Family Kinases, Is Required for STAT, ERK, and Akt Signaling in Response to Growth Hormone in Preadipocytes and Hepatoma Cells. Molecular Endocrinology, 2008, 22, 1825-1841.	3.7	47
20	SH2B1Î² (SH2-BÎ²) Enhances Expression of a Subset of Nerve Growth Factor-Regulated Genes Important for Neuronal Differentiation Including Genes Encoding Urokinase Plasminogen Activator Receptor and Matrix Metalloproteinase 3/10. Molecular Endocrinology, 2008, 22, 454-476.	3.7	33
21	The SH2-B Adaptor Protein Negatively Regulates EPO-Dependent Signalling Via Interaction with Erythropoietin Receptor Ptyr-343. Blood, 2008, 112, 892-892.	1.4	0
22	Adapter Protein SH2-BÎ² Stimulates Actin-Based Motility of Listeria monocytogenes in a Vasodilator-Stimulated Phosphoprotein (VASP)-Dependent Fashion. Infection and Immunity, 2007, 75, 3581-3593.	2.2	10
23	SH2B1 Enhances Leptin Signaling by Both Janus Kinase 2 Tyr813 Phosphorylation-Dependent and -Independent Mechanisms. Molecular Endocrinology, 2007, 21, 2270-2281.	3.7	89
24	SH2B1 (SH2-B) and JAK2: a multifunctional adaptor protein and kinase made for each other. Trends in Endocrinology and Metabolism, 2007, 18, 38-45.	7.1	99
25	Binding of SH2-B Family Members within a Potential Negative Regulatory Region Maintains JAK2 in an Active State. Molecular and Cellular Biology, 2006, 26, 6381-6394.	2.3	37
26	Phosphorylation of JAK2 at Serine 523: a Negative Regulator of JAK2 That Is Stimulated by GrowthHormone and Epidermal Growth Factor. Molecular and Cellular Biology, 2006, 26, 4052-4062.	2.3	52
27	Recent advances in growth hormone signaling. Reviews in Endocrine and Metabolic Disorders, 2006, 7, 225-235.	5.7	196
28	Mentoring for success in physiology. Bodil M. Schmidt Nielsen Award presentation. Physiologist, 2005, 48, 167, 172-8.	0.0	0
29	Autophosphorylation of JAK2 on Tyrosines 221 and 570 Regulates Its Activity. Molecular and Cellular Biology, 2004, 24, 4955-4967.	2.3	120
30	SH2-B Is a Positive Regulator of Nerve Growth Factor-mediated Activation of the Akt/Forkhead Pathway in PC12 Cells. Journal of Biological Chemistry, 2004, 279, 133-141.	3.4	28
31	Tyrosine 813 Is a Site of JAK2 Autophosphorylation Critical for Activation of JAK2 by SH2-BÎ². Molecular and Cellular Biology, 2004, 24, 4557-4570.	2.3	102
32	Adapter Protein SH2-BÎ² Undergoes Nucleocytoplasmic Shuttling: Implications for Nerve Growth Factor Induction of Neuronal Differentiation. Molecular and Cellular Biology, 2004, 24, 3633-3647.	2.3	29
33	YXXL Motifs in SH2-Bà¥† Are Phosphorylated by JAK2, JAK1, and Platelet-derived Growth Factor Receptor and Are Required for Membrane Ruffling. Journal of Biological Chemistry, 2003, 278, 11970-11978.	3.4	34
34	SH2-BÎ² Is a Rac-binding Protein That Regulates Cell Motility. Journal of Biological Chemistry, 2002, 277, 10669-10677.	3.4	57
35	SH2-B Family Members Differentially Regulate JAK Family Tyrosine Kinases. Journal of Biological Chemistry, 2002, 277, 8673-8681.	3.4	53
36	The role of STAT proteins in growth hormone signaling. Oncogene, 2000, 19, 2585-2597.	5.9	244

#	Article	IF	Citations
37	Negative Regulation of Growth Hormone Receptor/JAK2 Signaling by Signal Regulatory Protein Î±. Journal of Biological Chemistry, 2000, 275, 28222-28229.	3.4	59
38	Mutation of the SHP-2 Binding Site in Growth Hormone (GH) Receptor Prolongs GH-Promoted Tyrosyl Phosphorylation of GH Receptor, JAK2, and STAT5B. Molecular Endocrinology, 2000, 14, 1338-1350.	3.7	123
39	SH2-B Is Required for Growth Hormone-induced Actin Reorganization. Journal of Biological Chemistry, 2000, 275, 13126-13133.	3.4	52
40	SH2-B Is Required for Nerve Growth Factor-induced Neuronal Differentiation. Journal of Biological Chemistry, 1999, 274, 10590-10594.	3.4	79
41	SH2-B, a Membrane-associated Adapter, Is Phosphorylated on Multiple Serines/Threonines in Response to Nerve Growth Factor by Kinases within the MEK/ERK Cascade. Journal of Biological Chemistry, 1999, 274, 26485-26492.	3.4	41
42	A Functional DNA Binding Domain Is Required for Growth Hormone-induced Nuclear Accumulation of Stat5B. Journal of Biological Chemistry, 1999, 274, 5138-5145.	3.4	76
43	Growth Hormone Regulation of SIRP and SHP-2 Tyrosyl Phosphorylation and Association. Journal of Biological Chemistry, 1998, 273, 7112-7117.	3.4	89
44	Regulation of Glucose Transport and c-fos and egr-1 Expression in Cells with Mutated or Endogenous Growth Hormone Receptors*. Endocrinology, 1998, 139, 1863-1871.	2.8	36
45	Growth Hormone Stimulates Phosphorylation and Activation of Elk-1 and Expression of c-fos, egr-1, and junB through Activation of Extracellular Signal-regulated Kinases 1 and 2. Journal of Biological Chemistry, 1998, 273, 31327-31336.	3.4	230
46	Platelet-derived Growth Factor (PDGF) Stimulates the Association of SH2-BÎ² with PDGF Receptor and Phosphorylation of SH2-BÎ². Journal of Biological Chemistry, 1998, 273, 21239-21245.	3.4	59
47	Growth Hormone-Induced Tyrosyl Phosphorylation and Deoxyribonucleic Acid Binding Activity of Stat5A and Stat5B*. Endocrinology, 1997, 138, 3426-3434.	2.8	64
48	Signaling Molecules Involved in Coupling Growth Hormone Receptor to Mitogen-Activated Protein Kinase Activation*. Endocrinology, 1997, 138, 4301-4307.	2.8	108
49	Growth Hormone-Induced Tyrosyl Phosphorylation and Deoxyribonucleic Acid Binding Activity of Stat5A and Stat5B. Endocrinology, 1997, 138, 3426-3434.	2.8	35
50	Signalling Pathway of GH.. Endocrine Journal, 1996, 43, S65-S70.	1.6	42
51	Growth Hormone, Interferon-Î³, and Leukemia Inhibitory Factor Utilize Insulin Receptor Substrate-2 in Intracellular Signaling. Journal of Biological Chemistry, 1996, 271, 29415-29421.	3.4	116
52	Activation of Acute Phase Response Factor (APRF)/Stat3 Transcription Factor by Growth Hormone. Journal of Biological Chemistry, 1995, 270, 3974-3979.	3.4	166
53	Growth Hormone-promoted Tyrosyl Phosphorylation of SHC Proteins and SHC Association with Grb2. Journal of Biological Chemistry, 1995, 270, 7587-7593.	3.4	141
54	Growth Hormone-dependent Phosphorylation of Tyrosine 333 and/or 338 of the Growth Hormone Receptor. Journal of Biological Chemistry, 1995, 270, 21738-21744.	3.4	39

#	Article	IF	Citations
55	Growth Hormone, Interferon-Î³, and Leukemia Inhibitory Factor Promoted Tyrosyl Phosphorylation of Insulin Receptor Substrate-1. Journal of Biological Chemistry, 1995, 270, 14685-14692.	3.4	231
56	Identification of JAK2 as a growth hormone receptor-associated tyrosine kinase. Cell, 1993, 74, 237-244.	28.9	955