

Tadashi Yamamoto

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229 papers	19,758 citations	73 h-index	137 g-index
234 ext. papers	20,807 ext. citations	8.8 avg, IF	5.83 L-index

#	Paper	IF	Citations
229	Reduced cell motility and enhanced focal adhesion contact formation in cells from FAK-deficient mice. <i>Nature</i> , 1995 , 377, 539-44	50.4	1567
228	Similarity of protein encoded by the human c-erb-B-2 gene to epidermal growth factor receptor. <i>Nature</i> , 1986 , 319, 230-4	50.4	1096
227	A cAMP-response element binding protein-induced microRNA regulates neuronal morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 16426-31	11.5	683
226	Molecular characterization of ALK, a receptor tyrosine kinase expressed specifically in the nervous system. <i>Oncogene</i> , 1997 , 14, 439-49	9.2	519
225	Severe osteopetrosis, defective interleukin-1 signalling and lymph node organogenesis in TRAF6-deficient mice. <i>Genes To Cells</i> , 1999 , 4, 353-62	2.3	515
224	Impaired proliferation of peripheral B cells and indication of autoimmune disease in lyn-deficient mice. <i>Immunity</i> , 1995 , 3, 549-60	32.3	421
223	Characterization of Fyn-mediated tyrosine phosphorylation sites on GluR epsilon 2 (NR2B) subunit of the N-methyl-D-aspartate receptor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 693-9	5.4	381
222	Segregation of TRAF6-mediated signaling pathways clarifies its role in osteoclastogenesis. <i>EMBO Journal</i> , 2001 , 20, 1271-80	13	375
221	Initial events of myelination involve Fyn tyrosine kinase signalling. <i>Nature</i> , 1994 , 367, 572-6	50.4	375
220	Identification of TRAF6, a novel tumor necrosis factor receptor-associated factor protein that mediates signaling from an amino-terminal domain of the CD40 cytoplasmic region. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28745-8	5.4	373
219	The erbB gene of avian erythroblastosis virus is a member of the src gene family. <i>Cell</i> , 1983 , 35, 71-8	56.2	367
218	Tumor necrosis factor receptor-associated factor (TRAF) family: adapter proteins that mediate cytokine signaling. <i>Experimental Cell Research</i> , 2000 , 254, 14-24	4.2	358
217	Amplification of c-erbB-2 oncogene in human adenocarcinomas in vivo. <i>Lancet, The</i> , 1986 , 1, 765-7	40	317
216	Negative regulation of BMP/Smad signaling by Tob in osteoblasts. <i>Cell</i> , 2000 , 103, 1085-97	56.2	270
215	Lithium protection against glutamate excitotoxicity in rat cerebral cortical neurons: involvement of NMDA receptor inhibition possibly by decreasing NR2B tyrosine phosphorylation. <i>Journal of Neurochemistry</i> , 2002 , 80, 589-97	6	262
214	The AMPA receptor interacts with and signals through the protein tyrosine kinase Lyn. <i>Nature</i> , 1999 , 397, 72-6	50.4	254
213	Two erbA homologs encoding proteins with different T3 binding capacities are transcribed from opposite DNA strands of the same genetic locus. <i>Cell</i> , 1989 , 57, 31-9	56.2	245

212	miRNA-mediated deadenylation is orchestrated by GW182 through two conserved motifs that interact with CCR4-NOT. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 1211-7	17.6	238
211	Increase of solubility of foreign proteins in Escherichia coli by coproduction of the bacterial thioredoxin. <i>Journal of Biological Chemistry</i> , 1995 , 270, 25328-31	5.4	238
210	Recommendations for biomarker identification and qualification in clinical proteomics. <i>Science Translational Medicine</i> , 2010 , 2, 46ps42	17.5	237
209	Clinical proteomics: A need to define the field and to begin to set adequate standards. <i>Proteomics - Clinical Applications</i> , 2007 , 1, 148-56	3.1	237
208	Fc{epsilon}RI-mediated mast cell degranulation requires calcium-independent microtubule-dependent translocation of granules to the plasma membrane. <i>Journal of Cell Biology</i> , 2005 , 170, 115-26	7.3	231
207	In vivo inhibition of CC and CX3C chemokine-induced leukocyte infiltration and attenuation of glomerulonephritis in Wistar-Kyoto (WKY) rats by vMIP-II. <i>Journal of Experimental Medicine</i> , 1998 , 188, 193-8	16.6	220
206	Identification of two novel members of erbA superfamily by molecular cloning: the gene products of the two are highly related to each other. <i>Nucleic Acids Research</i> , 1988 , 16, 11057-74	20.1	196
205	Interaction of CagA with Crk plays an important role in Helicobacter pylori-induced loss of gastric epithelial cell adhesion. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1235-47	16.6	179
204	A double-edged kinase Lyn: a positive and negative regulator for antigen receptor-mediated signals. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1343-8	16.6	174
203	ErbB-2 expression is correlated with poor prognosis for patients with osteosarcoma. <i>Cancer</i> , 1996 , 77, 71-8	6.4	174
202	Quantitative and qualitative studies of antibody-induced mesangial cell damage in the rat. <i>Kidney International</i> , 1987 , 32, 514-25	9.9	163
201	Cloning of rat nephrin: expression in developing glomeruli and in proteinuric states. <i>Kidney International</i> , 2000 , 57, 1949-61	9.9	154
200	Expression and localization of aquaporins in rat gastrointestinal tract. <i>American Journal of Physiology - Cell Physiology</i> , 1999 , 276, C621-7	5.4	151
199	Association of Src family tyrosine kinase Lyn with ganglioside GD3 in rat brain. Possible regulation of Lyn by glycosphingolipid in caveolae-like domains. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29947-53	5.4	150
198	TRAF6-deficient mice display hypohidrotic ectodermal dysplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8766-71	11.5	149
197	Fyn kinase-mediated phosphorylation of NMDA receptor NR2B subunit at Tyr1472 is essential for maintenance of neuropathic pain. <i>European Journal of Neuroscience</i> , 2005 , 22, 1445-54	3.5	143
196	A new avian erythroblastosis virus, AEV-H, carries erbB gene responsible for the induction of both erythroblastosis and sarcomas. <i>Cell</i> , 1983 , 34, 225-32	56.2	143
195	Molecular cloning of a new aquaporin from rat pancreas and liver. <i>Journal of Biological Chemistry</i> , 1997 , 272, 30329-33	5.4	142

194	Sustained activation of N-WASP through phosphorylation is essential for neurite extension. <i>Developmental Cell</i> , 2002 , 3, 645-58	10.2	140
193	BANK regulates BCR-induced calcium mobilization by promoting tyrosine phosphorylation of IP(3) receptor. <i>EMBO Journal</i> , 2002 , 21, 83-92	13	139
192	Role of the rasGAP-associated docking protein p62dok in negative regulation of B cell receptor-mediated signaling. <i>Genes and Development</i> , 2000 , 14, 11-16	12.6	134
191	Cloning of a new aquaporin (AQP10) abundantly expressed in duodenum and jejunum. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 287, 814-9	3.4	133
190	An immunohistologic evaluation of C-erbB-2 gene product in patients with urinary bladder carcinoma. <i>Cancer</i> , 1992 , 70, 2493-8	6.4	131
189	NR2B tyrosine phosphorylation modulates fear learning as well as amygdaloid synaptic plasticity. <i>EMBO Journal</i> , 2006 , 25, 2867-77	13	125
188	ALK receptor tyrosine kinase promotes cell growth and neurite outgrowth. <i>Journal of Cell Science</i> , 2004 , 117, 3319-29	5.3	125
187	Localization and expression of AQP5 in cornea, serous salivary glands, and pulmonary epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 275, C1151-7	5.4	125
186	Depletion of CD8 positive cells in nephrotoxic serum nephritis of WKY rats. <i>Kidney International</i> , 1992 , 41, 1517-26	9.9	125
185	Activation of the G protein Gq/11 through tyrosine phosphorylation of the alpha subunit. <i>Science</i> , 1997 , 276, 1878-81	33.3	124
184	Tob2, a novel anti-proliferative Tob/BTG1 family member, associates with a component of the CCR4 transcriptional regulatory complex capable of binding cyclin-dependent kinases. <i>Oncogene</i> , 1999 , 18, 7432-41	9.2	124
183	Involvement of gangliosides in glycosylphosphatidylinositol-anchored neuronal cell adhesion molecule TAG-1 signaling in lipid rafts. <i>Journal of Biological Chemistry</i> , 2000 , 275, 34701-9	5.4	119
182	The Plk1 target Kizuna stabilizes mitotic centrosomes to ensure spindle bipolarity. <i>Nature Cell Biology</i> , 2006 , 8, 1095-101	23.4	118
181	Oligo-astheno-teratozoospermia in mice lacking Cnot7, a regulator of retinoid X receptor beta. <i>Nature Genetics</i> , 2004 , 36, 528-33	36.3	115
180	Integrin-mediated tyrosine phosphorylation of SHPS-1 and its association with SHP-2. Roles of Fak and Src family kinases. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13223-9	5.4	115
179	Genes modulated by histone acetylation as new effectors of butyrate activity. <i>FEBS Letters</i> , 2001 , 499, 199-204	3.8	113
178	Specific expressions of Fyn and Lyn, lymphocyte antigen receptor-associated tyrosine kinases, in the central nervous system. <i>Molecular Brain Research</i> , 1992 , 16, 303-10		113
177	Phosphorylation of three regulatory serines of Tob by Erk1 and Erk2 is required for Ras-mediated cell proliferation and transformation. <i>Genes and Development</i> , 2002 , 16, 1356-70	12.6	112

176	Molecular cloning, genomic structure, and expression analysis of MUC20, a novel mucin protein, up-regulated in injured kidney. <i>Journal of Biological Chemistry</i> , 2004 , 279, 1968-79	5.4	110
175	Tumor necrosis factor receptor-associated factor 6 (TRAF6) stimulates extracellular signal-regulated kinase (ERK) activity in CD40 signaling along a ras-independent pathway. <i>Journal of Experimental Medicine</i> , 1998 , 187, 237-44	16.6	110
174	Expression of c-erbB-2 gene product in urinary bladder cancer. <i>Journal of Urology</i> , 1991 , 145, 423-7	2.5	103
173	CD151 enhances cell motility and metastasis of cancer cells in the presence of focal adhesion kinase. <i>International Journal of Cancer</i> , 2002 , 97, 336-43	7.5	101
172	Role of tyrosine phosphorylation of HS1 in B cell antigen receptor-mediated apoptosis. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1387-92	16.6	98
171	Stimulation of myelin basic protein gene transcription by Fyn tyrosine kinase for myelination. <i>Journal of Neuroscience</i> , 1999 , 19, 1393-7	6.6	98
170	ANA, a novel member of Tob/BTG1 family, is expressed in the ventricular zone of the developing central nervous system. <i>Oncogene</i> , 1998 , 16, 2687-93	9.2	96
169	Depletion of mammalian CCR4b deadenylase triggers elevation of the p27Kip1 mRNA level and impairs cell growth. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4980-90	4.8	94
168	Mice lacking a transcriptional corepressor Tob are predisposed to cancer. <i>Genes and Development</i> , 2003 , 17, 1201-6	12.6	94
167	Lyn tyrosine kinase is required for P2X(4) receptor upregulation and neuropathic pain after peripheral nerve injury. <i>Glia</i> , 2008 , 56, 50-8	9	84
166	Role of Dok-1 and Dok-2 in myeloid homeostasis and suppression of leukemia. <i>Journal of Experimental Medicine</i> , 2004 , 200, 1681-7	16.6	84
165	p250GAP, a novel brain-enriched GTPase-activating protein for Rho family GTPases, is involved in the N-methyl-d-aspartate receptor signaling. <i>Molecular Biology of the Cell</i> , 2003 , 14, 2921-34	3.5	83
164	Differential involvement of Src family kinases in Fc gamma receptor-mediated phagocytosis. <i>Journal of Immunology</i> , 2000 , 165, 473-82	5.3	83
163	Brain-derived neurotrophic factor rapidly increases NMDA receptor channel activity through Fyn-mediated phosphorylation. <i>Brain Research</i> , 2006 , 1121, 22-34	3.7	82
162	The protein-tyrosine phosphatase PTPMEG interacts with glutamate receptor delta 2 and epsilon subunits. <i>Journal of Biological Chemistry</i> , 2000 , 275, 16167-73	5.4	81
161	Aquaporins in the kidney: emerging new aspects. <i>Kidney International</i> , 1998 , 54, 1041-51	9.9	79
160	Regulation of actin cytoskeleton by mDab1 through N-WASP and ubiquitination of mDab1. <i>Biochemical Journal</i> , 2004 , 384, 1-8	3.8	78
159	In vitro and in vivo release of soluble erbB-2 protein from human carcinoma cells. <i>Japanese Journal of Cancer Research</i> , 1990 , 81, 489-94		77

158	Cbl suppresses B cell receptor-mediated phospholipase C (PLC)-gamma2 activation by regulating B cell linker protein-PLC-gamma2 binding. <i>Journal of Experimental Medicine</i> , 2000 , 191, 641-50	16.6	75
157	Immunohistochemical study on overexpression of c-erbB-2 protein in human breast cancer: its correlation with gene amplification and long-term survival of patients. <i>Japanese Journal of Cancer Research</i> , 1990 , 81, 327-32		74
156	Involvement of NMDAR2A tyrosine phosphorylation in depression-related behaviour. <i>EMBO Journal</i> , 2009 , 28, 3717-29	13	73
155	Dok-1 and Dok-2 are negative regulators of lipopolysaccharide-induced signaling. <i>Journal of Experimental Medicine</i> , 2005 , 201, 333-9	16.6	73
154	Phosphorylation-dependent interaction of the N-methyl-D-aspartate receptor epsilon 2 subunit with phosphatidylinositol 3-kinase. <i>Genes To Cells</i> , 1999 , 4, 657-66	2.3	72
153	Structural basis for the antiproliferative activity of the Tob-hCaf1 complex. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13244-55	5.4	69
152	Impairment of mobility in endodermal cells by FAK deficiency. <i>Experimental Cell Research</i> , 1996 , 222, 298-303	4.2	67
151	A role for FAK in the Concanavalin A-dependent secretion of matrix metalloproteinase-2 and -9. <i>Oncogene</i> , 2000 , 19, 5539-42	9.2	66
150	Obesity resistance and increased hepatic expression of catabolism-related mRNAs in Cnot3+/- mice. <i>EMBO Journal</i> , 2011 , 30, 4678-91	13	64
149	The chromokinesin Kid is required for maintenance of proper metaphase spindle size. <i>Molecular Biology of the Cell</i> , 2005 , 16, 5455-63	3.5	64
148	Immunolocalization of aquaporin-8 in rat digestive organs and testis. <i>Archives of Histology and Cytology</i> , 2001 , 64, 159-68		64
147	Light and electron microscopical demonstration of c-erbB-2 gene product-like immunoreactivity in human malignant tumors. <i>Vigiliae Christianae</i> , 1987 , 54, 8-15	0.2	64
146	Multifunctional roles of the mammalian CCR4-NOT complex in physiological phenomena. <i>Frontiers in Genetics</i> , 2014 , 5, 286	4.5	62
145	Immunolocalization of aquaporin-9 in rat hepatocytes and Leydig cells. <i>Archives of Histology and Cytology</i> , 2001 , 64, 81-8		60
144	Cep72 regulates the localization of key centrosomal proteins and proper bipolar spindle formation. <i>EMBO Journal</i> , 2009 , 28, 2066-76	13	59
143	Interaction of anti-proliferative protein Tob with poly(A)-binding protein and inducible poly(A)-binding protein: implication of Tob in translational control. <i>Genes To Cells</i> , 2005 , 10, 151-63	2.3	59
142	Lyn Kinase Suppresses the Transcriptional Activity of IRF5 in the TLR-MyD88 Pathway to Restrain the Development of Autoimmunity. <i>Immunity</i> , 2016 , 45, 319-32	32.3	58
141	Involvement of spinal phosphorylation cascade of Tyr1472-NR2B, Thr286-CaMKII, and Ser831-GluR1 in neuropathic pain. <i>Neuropharmacology</i> , 2011 , 60, 609-16	5.5	57

140	Tyrosine dephosphorylation and ethanol inhibition of N-Methyl-D-aspartate receptor function. <i>Journal of Biological Chemistry</i> , 2003 , 278, 11020-5	5.4	57
139	Molecular cloning and characterization of a novel cbl-family gene, cbl-c. <i>Gene</i> , 1999 , 239, 145-54	3.8	56
138	CNOT2 depletion disrupts and inhibits the CCR4-NOT deadenylase complex and induces apoptotic cell death. <i>Genes To Cells</i> , 2011 , 16, 368-79	2.3	54
137	Tob proteins enhance inhibitory Smad-receptor interactions to repress BMP signaling. <i>Mechanisms of Development</i> , 2003 , 120, 629-37	1.7	53
136	Gene amplification and overexpression of epidermal growth factor receptor in squamous cell carcinoma of the head and neck. <i>Head and Neck</i> , 1992 , 14, 8-13	4.2	53
135	Important role for macrophages in induction of crescentic anti-GBM glomerulonephritis in WKY rats. <i>Nephrology Dialysis Transplantation</i> , 2004 , 19, 2997-3004	4.3	51
134	Involvement of BREK, a serine/threonine kinase enriched in brain, in NGF signalling. <i>Genes To Cells</i> , 2004 , 9, 219-32	2.3	50
133	Src family tyrosine kinases associate with and phosphorylate CTLA-4 (CD152). <i>Biochemical and Biophysical Research Communications</i> , 1998 , 249, 444-8	3.4	50
132	Impairment of CaMKII activation and attenuation of neuropathic pain in mice lacking NR2B phosphorylated at Tyr1472. <i>European Journal of Neuroscience</i> , 2010 , 32, 798-810	3.5	49
131	Regulation of dendritic spine morphology by an NMDA receptor-associated Rho GTPase-activating protein, p250GAP. <i>Journal of Neurochemistry</i> , 2008 , 105, 1384-93	6	49
130	Poly-ADP ribosylation of Miki by tankyrase-1 promotes centrosome maturation. <i>Molecular Cell</i> , 2012 , 47, 694-706	17.6	48
129	Cbl-c suppresses v-Src-induced transformation through ubiquitin-dependent protein degradation. <i>Oncogene</i> , 2004 , 23, 1645-55	9.2	48
128	Alteration of expression or phosphorylation status of tob, a novel tumor suppressor gene product, is an early event in lung cancer. <i>Cancer Letters</i> , 2003 , 202, 71-9	9.9	48
127	Cdc2-mediated phosphorylation of Kid controls its distribution to spindle and chromosomes. <i>EMBO Journal</i> , 2003 , 22, 2091-103	13	47
126	IL-1 beta mRNA as the predominant inflammatory cytokine transcript: correlation with inflammatory cell infiltration into human gingiva. <i>Journal of Oral Pathology and Medicine</i> , 1996 , 25, 225-31	3.3	46
125	Loss of Fyn tyrosine kinase on the C57BL/6 genetic background causes hydrocephalus with defects in oligodendrocyte development. <i>Molecular and Cellular Neurosciences</i> , 2008 , 38, 203-12	4.8	45
124	Association of GPI-anchored protein TAG-1 with src-family kinase Lyn in lipid rafts of cerebellar granule cells. <i>Neurochemical Research</i> , 2002 , 27, 823-9	4.6	45
123	NYAP: a phosphoprotein family that links PI3K to WAVE1 signalling in neurons. <i>EMBO Journal</i> , 2011 , 30, 4739-54	13	44

122	Nuclear localization of Tob is important for regulation of its antiproliferative activity. <i>Oncogene</i> , 2004 , 23, 6630-8	9.2	44
121	c-Myb repression of c-erbB-2 transcription by direct binding to the c-erbB-2 promoter. <i>Journal of Biological Chemistry</i> , 1995 , 270, 9384-9	5.4	44
120	Expression and localization of two isoforms of AQP10 in human small intestine. <i>Biology of the Cell</i> , 2005 , 97, 823-9	3.5	43
119	Tob deficiency superenhances osteoblastic activity after ovariectomy to block estrogen deficiency-induced osteoporosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 6653-8	11.5	43
118	Therapeutic effect of all-trans retinoic acid on rats with anti-GBM antibody glomerulonephritis. <i>Kidney International</i> , 2003 , 64, 1241-52	9.9	43
117	A murine monoclonal antibody that recognizes an extracellular domain of the human c-erbB-2 protooncogene product. <i>Japanese Journal of Cancer Research</i> , 1989 , 80, 10-4		43
116	Deficiency of antiproliferative family protein Ana correlates with development of lung adenocarcinoma. <i>Cancer Science</i> , 2009 , 100, 225-32	6.9	42
115	Immunoelectron microscopic demonstration of Thy-1 antigen on the surfaces of mesangial cells in the rat glomerulus. <i>Nephron</i> , 1986 , 43, 293-8	3.3	42
114	Activation of Fyn tyrosine kinase in the mouse dorsal hippocampus is essential for contextual fear conditioning. <i>European Journal of Neuroscience</i> , 2008 , 28, 973-81	3.5	39
113	p250GAP, a neural RhoGAP protein, is associated with and phosphorylated by Fyn. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 306, 151-5	3.4	39
112	Post-transcriptional Stabilization of Ucp1 mRNA Protects Mice from Diet-Induced Obesity. <i>Cell Reports</i> , 2015 , 13, 2756-67	10.6	37
111	Phosphorylation and inactivation of Tob contributes to the progression of papillary carcinoma of the thyroid. <i>Cancer Letters</i> , 2005 , 220, 237-42	9.9	36
110	Association of ANA, a member of the antiproliferative Tob family proteins, with a Caf1 component of the CCR4 transcriptional regulatory complex. <i>Japanese Journal of Cancer Research</i> , 2001 , 92, 592-6		36
109	Ear3/COUP-TF binds most tightly to a response element with tandem repeat separated by one nucleotide. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 183, 492-8	3.4	36
108	Association of Src-family kinase Lyn with B-cell antigen receptor. <i>Immunological Reviews</i> , 1993 , 132, 187-206	20.6	36
107	Distinct expression patterns of the subunits of the CCR4-NOT deadenylase complex during neural development. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 360-4	3.4	34
106	Association of elevated expression of the c-erbB-2 protein with spread of breast cancer. <i>Japanese Journal of Cancer Research</i> , 1989 , 80, 1192-8		34
105	Interaction of antiproliferative protein Tob with the CCR4-NOT deadenylase complex. <i>Cancer Science</i> , 2008 , 99, 755-61	6.9	33

104	MUC20 suppresses the hepatocyte growth factor-induced Grb2-Ras pathway by binding to a multifunctional docking site of met. <i>Molecular and Cellular Biology</i> , 2004 , 24, 7456-68	4.8	33
103	Molecular cloning and characterization of Byp, a murine receptor-type tyrosine phosphatase similar to human DEP-1. <i>FEBS Letters</i> , 1996 , 378, 7-14	3.8	33
102	NR2B phosphorylation at tyrosine 1472 contributes to brain injury in a rodent model of neonatal hypoxia-ischemia. <i>Stroke</i> , 2014 , 45, 3040-7	6.7	32
101	Characterization of p59fyn-mediated signal transduction on T cell activation. <i>International Immunology</i> , 1994 , 6, 1245-55	4.9	32
100	Differential effects of hypoxia-ischemia on subunit expression and tyrosine phosphorylation of the NMDA receptor in 7- and 21-day-old rats. <i>Journal of Neurochemistry</i> , 2002 , 82, 848-56	6	30
99	A Mr = 190,000 glycoprotein phosphorylated on tyrosine residues in epidermal growth factor stimulated KB cells is the product of the c-erbB-2 gene. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 144, 699-704	3.4	30
98	NMDAR2B tyrosine phosphorylation regulates anxiety-like behavior and CRF expression in the amygdala. <i>Molecular Brain</i> , 2010 , 3, 37	4.5	29
97	Focal adhesion kinase regulates laminin-induced oligodendroglial process outgrowth. <i>Genes To Cells</i> , 2007 , 12, 1245-54	2.3	29
96	Cloning and characterization of Dfak56, a homolog of focal adhesion kinase, in <i>Drosophila melanogaster</i> . <i>Journal of Biological Chemistry</i> , 1999 , 274, 29196-201	5.4	29
95	Homozygous deletion and frequent allelic loss of the 21q11.1-q21.1 region including the ANA gene in human lung carcinoma. <i>Genes Chromosomes and Cancer</i> , 1998 , 21, 236-43	5	28
94	Cnot7-null mice exhibit high bone mass phenotype and modulation of BMP actions. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 1217-23	6.3	28
93	Lysophosphatidic acid-induced association of SHP-2 with SHPS-1: roles of RHO, FAK, and a SRC family kinase. <i>Oncogene</i> , 1998 , 16, 3019-27	9.2	27
92	Neurotensin type 2 receptor is involved in fear memory in mice. <i>Journal of Neurochemistry</i> , 2007 , 102, 1669-1676	6	27
91	Human A-myb gene encodes a transcriptional activator containing the negative regulatory domains. <i>FEBS Letters</i> , 1995 , 358, 89-96	3.8	27
90	Depression in gene expression for poly(ADP-ribose) synthetase during the interferon-gamma-induced activation process of murine macrophage tumor cells. <i>FEBS Journal</i> , 1988 , 171, 571-5		27
89	ZRP-1 controls Rho GTPase-mediated actin reorganization by localizing at cell-matrix and cell-cell adhesions. <i>Journal of Cell Science</i> , 2007 , 120, 2828-37	5.3	26
88	Distinctive roles of Fyn and Lyn in IgD- and IgM-mediated signaling. <i>International Immunology</i> , 1999 , 11, 1441-9	4.9	25
87	Emerging roles of ARHGAP33 in intracellular trafficking of TrkB and pathophysiology of neuropsychiatric disorders. <i>Nature Communications</i> , 2016 , 7, 10594	17.4	24

86	Physical and functional interaction of Fyn tyrosine kinase with a brain-enriched Rho GTPase-activating protein TCGAP. <i>Journal of Biological Chemistry</i> , 2006 , 281, 23611-9	5.4	24
85	Human c-erbB-2 proto-oncogene product as a target for bispecific-antibody-directed adoptive tumor immunotherapy. <i>International Journal of Cancer</i> , 1992 , 50, 800-4	7.5	24
84	Translocation chromosome 7 of A431 cells contains amplification and rearrangement of EGF receptor gene responsible for production of variant mRNA. <i>Somatic Cell and Molecular Genetics</i> , 1985 , 11, 477-84		23
83	Role of Fat1 in cell-cell contact formation of podocytes in puromycin aminonucleoside nephrosis and neonatal kidney. <i>Kidney International</i> , 2005 , 68, 542-51	9.9	22
82	Effect of mesangial cell lysis and proliferation on glomerular hemodynamics in the rat. <i>Kidney International</i> , 1991 , 40, 705-13	9.9	22
81	Involvement of Tyr1472 phosphorylation of NMDA receptor NR2B subunit in postherpetic neuralgia in model mice. <i>Molecular Pain</i> , 2012 , 8, 59	3.4	21
80	Cloning and characterization of the mouse tob gene. <i>Gene</i> , 1997 , 191, 109-13	3.8	21
79	Milky spots (Taches laiteuses) as structures which trap asbestos in mesothelial layers and their significance in the pathogenesis of mesothelial neoplasia. <i>International Journal of Cancer</i> , 1979 , 23, 858-65	7.5	20
78	Expression and localization of insulin-like growth factor binding proteins in normal and proteinuric kidney glomeruli. <i>Nephrology</i> , 2010 , 15, 700-9	2.2	19
77	Glomerular proteins related to slit diaphragm and matrix adhesion in the foot processes are highly tyrosine phosphorylated in the normal rat kidney. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1785-95	4.3	19
76	c-erbB-2 and c-erbA-1 (ear-1) gene amplification and c-erbB-2 protein expression in Japanese breast cancers: their relationship to the histology and other disease parameters. <i>Japanese Journal of Cancer Research</i> , 1990 , 81, 620-4		19
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