

Jan Sap

List of Publications by Year in descending order

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37
papers

4,142
citations

236612

25
h-index

395343

33
g-index

37
all docs

37
docs citations

37
times ranked

2950
citing authors

#	ARTICLE	IF	CITATIONS
1	The c-erb-A protein is a high-affinity receptor for thyroid hormone. <i>Nature</i> , 1986, 324, 635-640.	13.7	1,388
2	Repression of transcription mediated at a thyroid hormone response element by the v-erb-A oncogene product. <i>Nature</i> , 1989, 340, 242-244.	13.7	402
3	Ligand-mediated negative regulation of a chimeric transmembrane receptor tyrosine phosphatase. <i>Cell</i> , 1993, 73, 541-554.	13.5	277
4	Receptor protein tyrosine phosphatase $\hat{\pm}$ activates Src-family kinases and controls integrin-mediated responses in fibroblasts. <i>Current Biology</i> , 1999, 9, 505-511.	1.8	268
5	v-erbA oncogene activation entails the loss of hormone-dependent regulator activity of c-erbA. <i>Cell</i> , 1990, 61, 1035-1049.	13.5	238
6	RPTP $\hat{\pm}$ acts as a transducer of mechanical force on $\hat{\pm}$ v/ $\hat{\pm}$ 23-integrin $\hat{\pm}$ cytoskeleton linkages. <i>Journal of Cell Biology</i> , 2003, 161, 143-153.	2.3	194
7	Dimerization inhibits the activity of receptor-like protein-tyrosine phosphatase- $\hat{\pm}$. <i>Nature</i> , 1999, 401, 606-610.	13.7	177
8	Low-density Lipoprotein Receptor-related Protein-1 (LRP1) Mediates Autophagy and Apoptosis Caused by <i>Helicobacter pylori</i> VacA. <i>Journal of Biological Chemistry</i> , 2012, 287, 31104-31115.	1.6	127
9	Genes contributing to prion pathogenesis. <i>Journal of General Virology</i> , 2008, 89, 1777-1788.	1.3	116
10	RPTP $\hat{\pm}$ is required for rigidity-dependent inhibition of extension and differentiation of hippocampal neurons. <i>Journal of Cell Science</i> , 2007, 120, 3895-3904.	1.2	94
11	Molecular Characterization of <i>Helicobacter pylori</i> VacA Induction of IL-8 in U937 Cells Reveals a Prominent Role for p38MAPK in Activating Transcription Factor-2, cAMP Response Element Binding Protein, and NF- $\hat{\pm}$ B Activation. <i>Journal of Immunology</i> , 2008, 180, 5017-5027.	0.4	86
12	Expression of protein tyrosine phosphatase alpha (RPTP $\hat{\pm}$) in human breast cancer correlates with low tumor grade, and inhibits tumor cell growth in vitro and in vivo. <i>Oncogene</i> , 2000, 19, 4979-4987.	2.6	77
13	Receptor protein tyrosine phosphatase $\hat{\pm}$ is essential for hippocampal neuronal migration and long-term potentiation. <i>EMBO Journal</i> , 2003, 22, 4121-4131.	3.5	77
14	Clustering of <i>Helicobacter pylori</i> VacA in Lipid Rafts, Mediated by Its Receptor, Receptor-Like Protein Tyrosine Phosphatase $\hat{\pm}$ 2, Is Required for Intoxication in AZ-521 Cells. <i>Infection and Immunity</i> , 2006, 74, 6571-6580.	1.0	57
15	Association between Receptor Protein-tyrosine Phosphatase RPTP $\hat{\pm}$ and the Grb2 Adaptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 28086-28096.	1.6	56
16	c-SRC Mediates Neurite Outgrowth through Recruitment of Crk to the Scaffolding Protein Sin/Efs without Altering the Kinetics of ERK Activation. <i>Journal of Biological Chemistry</i> , 2002, 277, 17406-17414.	1.6	47
17	<i>Helicobacter pylori</i> VacA Enhances Prostaglandin E 2 Production through Induction of Cyclooxygenase 2 Expression via a p38 Mitogen-Activated Protein Kinase/Activating Transcription Factor 2 Cascade in AZ-521 Cells. <i>Infection and Immunity</i> , 2007, 75, 4472-4481.	1.0	42
18	Activation of c-Src and Fyn Kinases by Protein-tyrosine Phosphatase RPTP $\hat{\pm}$ Is Substrate-specific and Compatible with Lipid Raft Localization. <i>Journal of Biological Chemistry</i> , 2008, 283, 35815-35824.	1.6	39

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19	An RPTP $\hat{\pm}$ /Src family kinase/Rap1 signaling module recruits myosin IIB to support contractile tension at apical E-cadherin junctions. <i>Molecular Biology of the Cell</i> , 2015, 26, 1249-1262.	0.9	39
20	Essential Domain of Receptor Tyrosine Phosphatase $\hat{2}$ (RPTP $\hat{2}$) for Interaction with Helicobacter pylori Vacuolating Cytotoxin. <i>Journal of Biological Chemistry</i> , 2004, 279, 51013-51021.	1.6	38
21	Receptor-like Protein-tyrosine Phosphatase $\hat{\pm}$ Specifically Inhibits Insulin-increased Prolactin Gene Expression. <i>Journal of Biological Chemistry</i> , 1998, 273, 4800-4809.	1.6	36
22	Overexpression of Protein Tyrosine Phosphatase- $\hat{\pm}$ (PTP- $\hat{\pm}$) but not PTP- $\hat{9}$ Inhibits Translocation of GLUT4 in Rat Adipose Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 255, 200-207.	1.0	31
23	Protein Tyrosine Phosphatase $\hat{\pm}$ Mediates Profibrotic Signaling in Lung Fibroblasts through TGF- $\hat{2}$ Responsiveness. <i>American Journal of Pathology</i> , 2014, 184, 1489-1502.	1.9	31
24	The Differentiation of Skeletal Muscle Cells Involves a Protein-tyrosine Phosphatase- $\hat{\pm}$ -mediated C-Src Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 46687-46695.	1.6	27
25	Tyrosine Phosphatases $\hat{\mu}$ and $\hat{\pm}$ Perform Specific and Overlapping Functions in Regulation of Voltage-gated Potassium Channels in Schwann Cells. <i>Molecular Biology of the Cell</i> , 2006, 17, 4330-4342.	0.9	27
26	Receptor protein tyrosine phosphatase RPTP $\hat{\pm}$ controls epithelial adherens junctions, linking E-cadherin engagement to c-Src signaling to cortactin. <i>Journal of Cell Science</i> , 2014, 127, 2420-32.	1.2	27
27	Regulatory Effects of Nitric Oxide on Src Kinase, FAK, p130Cas, and Receptor Protein Tyrosine Phosphatase Alpha (PTP- $\hat{\pm}$): A Role for the Cellular Redox Environment. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 109-125.	2.5	24
28	Receptor Protein Tyrosine Phosphatase $\hat{\pm}$ -Mediated Enhancement of Rheumatoid Synovial Fibroblast Signaling and Promotion of Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 359-369.	2.9	24
29	Loss of Function Studies in Mice and Genetic Association Link Receptor Protein Tyrosine Phosphatase $\hat{\pm}$ to Schizophrenia. <i>Biological Psychiatry</i> , 2011, 70, 626-635.	0.7	22
30	The Chicken c-erbA $\hat{\pm}$ -Product Induces Expression of Thyroid Hormone-Responsive Genes in 3,5,3 $\hat{2}$ -Triiodothyronine Receptor- Deficient Rat Hepatoma Cells. <i>Molecular Endocrinology</i> , 1990, 4, 312-320.	3.7	20
31	Loss-of-function of PTPR $\hat{3}$ and $\hat{7}$, observed in sporadic schizophrenia, causes brain region-specific deregulation of monoamine levels and altered behavior in mice. <i>Psychopharmacology</i> , 2017, 234, 575-587.	1.5	18
32	Protein tyrosine phosphatase- $\hat{\pm}$ amplifies transforming growth factor- $\hat{2}$ -dependent profibrotic signaling in lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L294-L311.	1.3	11
33	Protein tyrosine phosphatase regulation of stem and progenitor cell biology. <i>Seminars in Cell and Developmental Biology</i> , 2015, 37, 82-89.	2.3	3
34	The Thyroid Hormone Receptor/c-erbA Protein and its Viral Homologue P75gag-v-erbA. , 1989, , 161-168.		1
35	Biological Effects of the v-erbA Oncogene in Transformation of Avian Erythroid Cells. , 1991, , 137-147.		1
36	Functions of the erbA and erbB Oncogenes in Avian Erythroblatosis. , 1989, , 289-300.		0

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37	DNA Binding Properties of the Thyroid Hormone Receptor/c-erbA Protein and Its Viral Homologue P75gag-v-erbA. , 1990, , 69-75.		0