Paola Chiarugi

List of Publications by Year
in descending order

156 papers	13,543 citations	19657 61 h-index	23533 111 g-index
159 all docs	159 docs citations	159 times ranked	19821 citing authors

#	Article	IF	Citations
1	Lactate Rewires Lipid Metabolism and Sustains a Metabolicâ€“Epigenetic Axis in Prostate Cancer. Cancer Research, 2022, 82, 1267-1282.	0.9	52
2	Unconventional roles of lactate along the tumor and immune landscape. Trends in Endocrinology and Metabolism, 2022, , .	7.1	5
3	Mitochondrial oxidative metabolism contributes to a cancer stem cell phenotype in cholangiocarcinoma. Journal of Hepatology, 2021, 74, 1373-1385.	3.7	60
4	Claisened Hexafluoro Inhibits Metastatic Spreading of Amoeboid Melanoma Cells. Cancers, 2021, 13, 3551.	3.7	2
5	Endocannabinoid System and Tumour Microenvironment: New Intertwined Connections for Anticancer Approaches. Cells, 2021, 10, 3396.	4.1	12
6	Stromal-induced mitochondrial re-education: Impact on epithelial-to-mesenchymal transition and cancer aggressiveness. Seminars in Cell and Developmental Biology, 2020, 98, 71-79.	5.0	7
7	Targeted DNA oxidation by LSD1â€“SMAD2/3 primes TGF-Î²1/ EMT genes for activation or repression. Nucleic Acids Research, 2020, 48, 8943-8958.	14.5	23
8	Î²3-Adrenoreceptor Blockade Reduces Hypoxic Myeloid Leukemic Cells Survival and Chemoresistance. International Journal of Molecular Sciences, 2020, 21, 4210.	4.1	8
9	Mitochondrial Redox Hubs as Promising Targets for Anticancer Therapy. Frontiers in Oncology, 2020, 10, 256.	2.8	39
10	Glucose Metabolic Reprogramming of ER Breast Cancer in Acquired Resistance to the CDK4/6 Inhibitor Palbociclib+. Cells, 2020, 9, 668.	4.1	23
11	miR-27a is a master regulator of metabolic reprogramming and chemoresistance in colorectal cancer. British Journal of Cancer, 2020, 122, 1354-1366.	6.4	38
12	Lactate in Sarcoma Microenvironment: Much More than just a Waste Product. Cells, 2020, 9, 510.	4.1	24
13	Treatment with Cannabinoids as a Promising Approach for Impairing Fibroblast Activation and Prostate Cancer Progression. International Journal of Molecular Sciences, 2020, 21, 787.	4.1	21
14	Nutritional Exchanges Within Tumor Microenvironment: Impact for Cancer Aggressiveness. Frontiers in Oncology, 2020, 10, 396.	2.8	35
15	Reprogramming of Amino Acid Transporters to Support Aspartate and Glutamate Dependency Sustains Endocrine Resistance in Breast Cancer. Cell Reports, 2019, 28, 104-118.e8.	6.4	67
16	Î²₃â€Adrenoceptor as a potential immunoâ€suppressor agent in melanoma. British Journal of Pharmacology, 2019, 176, 2509-2524.	5.4	49
17	Cancer-associated fibroblasts promote prostate cancer malignancy via metabolic rewiring and mitochondrial transfer. Oncogene, 2019, 38, 5339-5355.	5.9	163
18	Lactate: A Metabolic Driver in the Tumour Landscape. Trends in Biochemical Sciences, 2019, 44, 153-166.	7.5	263

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19	Stromalâ€•induced downregulation of miRâ€•1247 promotes prostate cancer malignancy. Journal of Cellular Physiology, 2019, 234, 8274-8285.	4.1	21
20	Zoledronic Acid Inhibits the RhoA-mediated Amoeboid Motility of Prostate Cancer Cells. Current Cancer Drug Targets, 2019, 19, 807-816.	1.6	5
21	Bone marrowâ€•derived mesenchymal stem cells promote invasiveness and transendothelial migration of osteosarcoma cells via a mesenchymal to amoeboid transition. Molecular Oncology, 2018, 12, 659-676.	4.6	57
22	Compartmentalized activities of the pyruvate dehydrogenase complex sustain lipogenesis in prostate cancer. Nature Genetics, 2018, 50, 219-228.	21.4	139
23	<i>Î²</i>3-Adrenoreceptors Control Mitochondrial Dormancy in Melanoma and Embryonic Stem Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	34
24	Increased Lactate Secretion by Cancer Cells Sustains Non-cell-autonomous Adaptive Resistance to MET and EGFR Targeted Therapies. Cell Metabolism, 2018, 28, 848-865.e6.	16.2	184
25	Conjugation of a GM3 lactone mimetic on carbon nanotubes enhances the related inhibition of melanoma-associated metastatic events. Organic and Biomolecular Chemistry, 2018, 16, 6086-6095.	2.8	8
26	MYC Mediates Large Oncosome-Induced Fibroblast Reprogramming in Prostate Cancer. Cancer Research, 2017, 77, 2306-2317.	0.9	119
27	Multiwalled carbon nanotubes for drug delivery: Efficiency related to length and incubation time. International Journal of Pharmaceutics, 2017, 521, 69-72.	5.2	27
28	Lipoyl-Homotaurine Derivative (ADM_12) Reverts Oxaliplatin-Induced Neuropathy and Reduces Cancer Cells Malignancy by Inhibiting Carbonic Anhydrase IX (CAIX). Journal of Medicinal Chemistry, 2017, 60, 9003-9011.	6.4	12
29	Targeting the Metabolic Reprogramming That Controls Epithelial-to-Mesenchymal Transition in Aggressive Tumors. Frontiers in Oncology, 2017, 7, 40.	2.8	101
30	Zoledronic acid impairs stromal reactivity by inhibiting M2-macrophages polarization and prostate cancer-associated fibroblasts. Oncotarget, 2017, 8, 118-132.	1.8	52
31	Metabolic reprogramming identifies the most aggressive lesions at early phases of hepatic carcinogenesis. Oncotarget, 2016, 7, 32375-32393.	1.8	83
32	Metabolic shift toward oxidative phosphorylation in docetaxel resistant prostate cancer cells. Oncotarget, 2016, 7, 61890-61904.	1.8	103
33	ERMP1, a novel potential oncogene involved in UPR and oxidative stress defense, is highly expressed in human cancer. Oncotarget, 2016, 7, 63596-63610.	1.8	20
34	Mesenchymal Stem Cells are Recruited and Activated into Carcinoma-Associated Fibroblasts by Prostate Cancer Microenvironment-Derived TGF-Î²1. Stem Cells, 2016, 34, 2536-2547.	3.2	169
35	Nutrient Exploitation within the Tumorâ€"Stroma Metabolic Crosstalk. Trends in Cancer, 2016, 2, 736-746.	7.4	41
36	The â€œclick-on-tubeâ€•approach for the production of efficient drug carriers based on oxidized multi-walled carbon nanotubes. Journal of Materials Chemistry B, 2016, 4, 3823-3831.	5.8	19

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37	Down-Regulation of SOX2 Underlies the Inhibitory Effects of the Triphenylmethane Gentian Violet on Melanoma Cell Self-Renewal and Survival. Journal of Investigative Dermatology, 2016, 136, 2059-2069.	0.7	28
38	miR-155 Drives Metabolic Reprogramming of ER+ Breast Cancer Cells Following Long-Term Estrogen Deprivation and Predicts Clinical Response to Aromatase Inhibitors. Cancer Research, 2016, 76, 1615-1626.	0.9	82
39	The metabolic gene HAO2 is downregulated in hepatocellular carcinoma and predicts metastasis and poor survival. Journal of Hepatology, 2016, 64, 891-898.	3.7	34
40	Metabolic exchanges within tumor microenvironment. Cancer Letters, 2016, 380, 272-280.	7.2	87
41	Targeting the receptor tyrosine kinase RET in combination with aromatase inhibitors in ER positive breast cancer xenografts. Oncotarget, 2016, 7, 80543-80553.	1.8	26
42	Etoposide-Bevacizumab a new strategy against human melanoma cells expressing stem-like traits. Oncotarget, 2016, 7, 51138-51149.	1.8	21
43	Principles of Redox Signaling. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 3-40.	0.4	0
44	Î²3-adrenoreceptor and tumor microenvironment: a new hub. OncoImmunology, 2015, 4, e1026532.	4.6	6
45	Norepinephrine promotes tumor microenvironment reactivity through Î²3-adrenoreceptors during melanoma progression. Oncotarget, 2015, 6, 4615-4632.	1.8	82
46	Targeting stromal-induced pyruvate kinase M2 nuclear translocation impairs OXPHOS and prostate cancer metastatic spread. Oncotarget, 2015, 6, 24061-24074.	1.8	84
47	Integrated gene and miRNA expression analysis of prostate cancer associated fibroblasts supports a prominent role for interleukin-6 in fibroblast activation. Oncotarget, 2015, 6, 31441-31460.	1.8	55
48	5-Fluorouracil resistant colon cancer cells are addicted to OXPHOS to survive and enhance stem-like traits. Oncotarget, 2015, 6, 41706-41721.	1.8	103
49	Cancer stemness and progression: mitochondria on the stage. Oncotarget, 2015, 6, 36924-36925.	1.8	3
50	miR-205 Hinders the Malignant Interplay Between Prostate Cancer Cells and Associated Fibroblasts. Antioxidants and Redox Signaling, 2014, 20, 1045-1059.	5.4	63
51	Redox Circuitries Driving Src Regulation. Antioxidants and Redox Signaling, 2014, 20, 2011-2025.	5.4	52
52	Metabolic implication of tumor:stroma crosstalk in breast cancer. Journal of Molecular Medicine, 2014, 92, 117-126.	3.9	21
53	Senescent stroma promotes prostate cancer progression: The role of miRâ€210. Molecular Oncology, 2014, 8, 1729-1746.	4.6	102
54	Angiopoietin-like 7, a novel pro-angiogenetic factor over-expressed in cancer. Angiogenesis, 2014, 17, 881-896.	7.2	55

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55	Tumor-stroma metabolic relationship based on lactate shuttle can sustain prostate cancer progression. BMC Cancer, 2014, 14, 154.	2.6	92
56	Mesenchymal to amoeboid transition is associated with stem-like features of melanoma cells. Cell Communication and Signaling, 2014, 12, 24.	6.5	77
57	Tumor Microenvironment and Metabolism in Prostate Cancer. Seminars in Oncology, 2014, 41, 267-280.	2.2	58
58	The receptor for urokinase-plasminogen activator (uPAR) controls plasticity of cancer cell movement in mesenchymal and amoeboid migration style. Oncotarget, 2014, 5, 1538-1553.	1.8	42
59	Î²-adrenoceptors are upregulated in human melanoma and their activation releases pro-tumorigenic cytokines and metalloproteases in melanoma cell lines. Laboratory Investigation, 2013, 93, 279-290.	3.7	104
60	Tumor microenvironment: Bone marrow-mesenchymal stem cells as key players. Biochimica Et Biophysica Acta: Reviews on Cancer, 2013, 1836, 321-335.	7.4	141
61	The effects of CA IX catalysis products within tumor microenvironment. Cell Communication and Signaling, 2013, 11, 81.	6.5	18
62	Microenvironment and tumor cell plasticity: An easy way out. Cancer Letters, 2013, 341, 80-96.	7.2	214
63	Redox Molecular Machines Involved in Tumor Progression. Antioxidants and Redox Signaling, 2013, 19, 1828-1845.	5.4	44
64	EphA2-mediated mesenchymalâ€“amoeboid transition induced by endothelial progenitor cells enhances metastatic spread due to cancer-associated fibroblasts. Journal of Molecular Medicine, 2013, 91, 103-115.	3.9	37
65	Systemic sclerosis endothelial cells recruit and activate dermal fibroblasts by induction of a connective tissue growth factor (CCN2)/transforming growth factor Î²â€“dependent mesenchymalâ€toâ€mesenchymal transition. Arthritis and Rheumatism, 2013, 65, 258-269.	6.7	46
66	Multivalent presentation of a hydrolytically stable GM3 lactone mimetic as modulator of melanoma cells motility and adhesion. Bioorganic and Medicinal Chemistry, 2013, 21, 2756-2763.	3.0	12
67	Anoikis molecular pathways and its role in cancer progression. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3481-3498.	4.1	840
68	Chronic Resveratrol Treatment Ameliorates Cell Adhesion and Mitigates the Inflammatory Phenotype in Senescent Human Fibroblasts. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 371-381.	3.6	48
69	Cancer-associated fibroblasts and macrophages. OncoImmunology, 2013, 2, e25563.	4.6	47
70	Carbonic anhydrase IX from cancer-associated fibroblasts drives epithelial-mesenchymal transition in prostate carcinoma cells. Cell Cycle, 2013, 12, 1791-1801.	2.6	136
71	Tumors and their stroma. Cell Cycle, 2013, 12, 204-204.	2.6	3
72	Detection of Released CO2 by Radioactive Lactate. Bio-protocol, 2013, 3, .	0.4	0

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73	Oxidative Stress, Tumor Microenvironment, and Metabolic Reprogramming: A Diabolic Liaison. International Journal of Cell Biology, 2012, 2012, 1-8.	2.5	258
74	22Â:Â6<i>n</i>-3 DHA inhibits differentiation of prostate fibroblasts into myofibroblasts and tumorigenesis. British Journal of Nutrition, 2012, 108, 2129-2137.	2.3	23
75	Mitochondrial Oxidative Stress due to Complex I Dysfunction Promotes Fibroblast Activation and Melanoma Cell Invasiveness. Journal of Signal Transduction, 2012, 2012, 1-10.	2.0	48
76	Redox Regulation of Nonmuscle Myosin Heavy Chain during Integrin Engagement. Journal of Signal Transduction, 2012, 2012, 1-9.	2.0	11
77	Reciprocal Metabolic Reprogramming through Lactate Shuttle Coordinately Influences Tumor-Stroma Interplay. Cancer Research, 2012, 72, 5130-5140.	0.9	438
78	Stromal fibroblasts synergize with hypoxic oxidative stress to enhance melanoma aggressiveness. Cancer Letters, 2012, 324, 31-41.	7.2	46
79	EMT and Oxidative Stress: A Bidirectional Interplay Affecting Tumor Malignancy. Antioxidants and Redox Signaling, 2012, 16, 1248-1263.	5.4	185
80	Time-Dependent Stabilization of Hypoxia Inducible Factor-1Î± by Different Intracellular Sources of Reactive Oxygen Species. PLoS ONE, 2012, 7, e38388.	2.5	77
81	Cancer-associated-fibroblasts and tumour cells: a diabolic liaison driving cancer progression. Cancer and Metastasis Reviews, 2012, 31, 195-208.	5.9	448
82	Inflammatory response in human skeletal muscle cells: CXCL10 as a potential therapeutic target. European Journal of Cell Biology, 2012, 91, 139-149.	3.6	71
83	Globular Adiponectin Activates Motility and Regenerative Traits of Muscle Satellite Cells. PLoS ONE, 2012, 7, e34782.	2.5	29
84	Cancer Associated Fibroblasts Exploit Reactive Oxygen Species Through a Proinflammatory Signature Leading to Epithelial Mesenchymal Transition and Stemness. Antioxidants and Redox Signaling, 2011, 14, 2361-2371.	5.4	186
85	HIF-1Î± stabilization by mitochondrial ROS promotes Met-dependent invasive growth and vasculogenic mimicry in melanoma cells. Free Radical Biology and Medicine, 2011, 51, 893-904.	2.9	146
86	EphA2 Induces Metastatic Growth Regulating Amoeboid Motility and Clonogenic Potential in Prostate Carcinoma Cells. Molecular Cancer Research, 2011, 9, 149-160.	3.4	63
87	Cancer associated fibroblasts: the dark side of the coin. American Journal of Cancer Research, 2011, 1, 482-97.	1.4	269
88	Metastasis: cancer cellâ€™s escape from oxidative stress. Cancer and Metastasis Reviews, 2010, 29, 351-378.	5.9	266
89	Src redox regulation: Again in the front line. Free Radical Biology and Medicine, 2010, 49, 516-527.	2.9	101
90	Rac and Rho GTPases in cancer cell motility control. Cell Communication and Signaling, 2010, 8, 23.	6.5	493

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91	Escaping from, moving towards, following a path, squeezing through: lots of opportunities for moving cells. Cell Communication and Signaling, 2010, 8, 25.	6.5	2
92	Globular Adiponectin as a Complete Mesoangioblast Regulator: Role in Proliferation, Survival, Motility, and Skeletal Muscle Differentiation. Molecular Biology of the Cell, 2010, 21, 848-859.	2.1	28
93	Adiponectin in health and diseases: from metabolic syndrome to tissue regeneration. Expert Opinion on Therapeutic Targets, 2010, 14, 193-206.	3.4	45
94	Reciprocal Activation of Prostate Cancer Cells and Cancer-Associated Fibroblasts Stimulates Epithelial-Mesenchymal Transition and Cancer Stemness. Cancer Research, 2010, 70, 6945-6956.	0.9	493
95	EphA2 Reexpression Prompts Invasion of Melanoma Cells Shifting from Mesenchymal to Amoeboid-like Motility Style. Cancer Research, 2009, 69, 2072-2081.	0.9	120
96	Redox-Based Escape Mechanism from Death: The Cancer Lesson. Antioxidants and Redox Signaling, 2009, 11, 2791-2806.	5.4	81
97	Sphingosine 1-phosphate increases glucose uptake through trans-activation of insulin receptor. Cellular and Molecular Life Sciences, 2009, 66, 3207-3218.	5.4	76
98	Globular adiponectin induces differentiation and fusion of skeletal muscle cells. Cell Research, 2009, 19, 584-597.	12.0	53
99	Survival or Death: The Redox Paradox. Antioxidants and Redox Signaling, 2009, 11, 2651-2654.	5.4	9
100	Kinase-Dependent and -Independent Roles of EphA2 in the Regulation of Prostate Cancer Invasion and Metastasis. American Journal of Pathology, 2009, 174, 1492-1503.	3.8	96
101	From anchorage dependent proliferation to survival: Lessons from redox signalling. IUBMB Life, 2008, 60, 301-307.	3.4	58
102	Anoikis: A necessary death program for anchorage-dependent cells. Biochemical Pharmacology, 2008, 76, 1352-1364.	4.4	435
103	Src redox regulation: there is more than meets the eye. Molecules and Cells, 2008, 26, 329-37.	2.6	30
104	Redox Regulation of Ephrin/Integrin Cross-Talk. Cell Adhesion and Migration, 2007, 1, 33-42.	2.7	24
105	Dual Role of Mitochondrial Reactive Oxygen Species in Hypoxia Signaling: Activation of Nuclear Factor-Î°B via c-SRCâ€“ and Oxidant-Dependent Cell Death. Cancer Research, 2007, 67, 7368-7377.	0.9	204
106	EphrinA1 Activates a Src/Focal Adhesion Kinase-mediated Motility Response Leading to Rho-dependent Actino/Myosin Contractility. Journal of Biological Chemistry, 2007, 282, 19619-19628.	3.4	78
107	Integrin-Mediated Cell Adhesion and Spreading Engage Different Sources of Reactive Oxygen Species. Antioxidants and Redox Signaling, 2007, 9, 469-481.	5.4	93
108	Protein Tyrosine Phosphorylation and Reversible Oxidation: Two Cross-Talking Posttranslation Modifications. Antioxidants and Redox Signaling, 2007, 9, 1-24.	5.4	161

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109	Redox-dependent and ligand-independenttrans-activation of insulin receptor by globular adiponectin. Hepatology, 2007, 46, 130-139.	7.3	28
110	Redox signalling in anchorage-dependent cell growth. Cellular Signalling, 2007, 19, 672-682.	3.6	121
111	Redox Regulation of Ephrin/Integrin Cross-Talk. Cell Adhesion and Migration, 2007, 1, 33-42.	2.7	12
112	Redox regulation of ephrin/integrin cross-talk. Cell Adhesion and Migration, 2007, 1, 33-42.	2.7	11
113	A novel redox-based switch: LMW-PTP oxidation enhances Grb2 binding and leads to ERK activation. Biochemical and Biophysical Research Communications, 2006, 348, 367-373.	2.1	20
114	Oxidation and inactivation of low molecular weight protein tyrosine phosphatase by the anticancer drug Aplidin. International Journal of Cancer, 2006, 118, 2082-2088.	5.1	26
115	Redox Regulation of Î²-Actin during Integrin-mediated Cell Adhesion. Journal of Biological Chemistry, 2006, 281, 22983-22991.	3.4	151
116	Intracellular Reactive Oxygen Species Activate Src Tyrosine Kinase during Cell Adhesion and Anchorage-Dependent Cell Growth. Molecular and Cellular Biology, 2005, 25, 6391-6403.	2.3	405
117	EphrinA1 Repulsive Response Is Regulated by an EphA2 Tyrosine Phosphatase. Journal of Biological Chemistry, 2005, 280, 34008-34018.	3.4	65
118	Anchorage-Dependent Cell Growth: Tyrosine Kinases and Phosphatases Meet Redox Regulation. Antioxidants and Redox Signaling, 2005, 7, 578-592.	5.4	19
119	ReviewPTPs versus PTKs: The redox side of the coin. Free Radical Research, 2005, 39, 353-364.	3.3	142
120	LMW-PTP is a positive regulator of tumor onset and growth. Oncogene, 2004, 23, 3905-3914.	5.9	98
121	Redox regulation of protein tyrosine phosphatases during receptor tyrosine kinase signal transduction. Trends in Biochemical Sciences, 2003, 28, 509-514.	7.5	311
122	Reactive oxygen species as essential mediators of cell adhesion. Journal of Cell Biology, 2003, 161, 933-944.	5.2	406
123	Lymphocyte Function-associated Antigen-1-mediated T Cell Adhesion Is Impaired by Low Molecular Weight Phosphotyrosine Phosphatase-dependent Inhibition of FAK Activity. Journal of Biological Chemistry, 2003, 278, 36763-36776.	3.4	30
124	Reactive oxygen species as mediators of cell adhesion. Italian Journal of Biochemistry, 2003, 52, 28-32.	0.3	34
125	Insight into the Role of Low Molecular Weight Phosphotyrosine Phosphatase (LMW-PTP) on Platelet-derived Growth Factor Receptor (PDGF-r) Signaling. Journal of Biological Chemistry, 2002, 277, 37331-37338.	3.4	39
126	New perspectives in PDGF receptor downregulation: the main role of phosphotyrosine phosphatases. Journal of Cell Science, 2002, 115, 2219-2232.	2.0	39

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127	New perspectives in PDGF receptor downregulation: the main role of phosphotyrosine phosphatases. Journal of Cell Science, 2002, 115, 2219-32.	2.0	33
128	Beta-catenin interacts with low-molecular-weight protein tyrosine phosphatase leading to cadherin-mediated cell-cell adhesion increase. Cancer Research, 2002, 62, 6489-99.	0.9	65
129	The Redox Regulation of LMW-PTP During Cell Proliferation or Growth Inhibition. IUBMB Life, 2001, 52, 55-59.	3.4	38
130	Low Molecular Weight Protein-tyrosine Phosphatase Is Involved in Growth Inhibition during Cell Differentiation. Journal of Biological Chemistry, 2001, 276, 49156-49163.	3.4	36
131	Two Vicinal Cysteines Confer a Peculiar Redox Regulation to Low Molecular Weight Protein Tyrosine Phosphatase in Response to Platelet-derived Growth Factor Receptor Stimulation. Journal of Biological Chemistry, 2001, 276, 33478-33487.	3.4	166
132	Low Molecular Weight Protein-tyrosine Phosphatase Controls the Rate and the Strength of NIH-3T3 Cells Adhesion through Its Phosphorylation on Tyrosine 131 or 132. Journal of Biological Chemistry, 2000, 275, 37619-37627.	3.4	22
133	The Low M r Protein-tyrosine Phosphatase Is Involved in Rho-mediated Cytoskeleton Rearrangement after Integrin and Platelet-derived Growth Factor Stimulation. Journal of Biological Chemistry, 2000, 275, 4640-4646.	3.4	80
134	LMW-PTP Exerts a Differential Regulation on PDGF- and Insulin-Mediated Signaling. Biochemical and Biophysical Research Communications, 2000, 270, 564-569.	2.1	32
135	The inhibitory effect of the 5â€² untranslated region of muscle acylphosphatase mRNA on protein expression is relieved during cell differentiation. FEBS Letters, 2000, 473, 42-46.	2.8	12
136	The lowMrphosphotyrosine protein phosphatase behaves differently when phosphorylated at Tyr131or Tyr132by Src kinase. FEBS Letters, 1999, 456, 73-78.	2.8	63
137	Inhibitory Effect of Full-Length Human Endostatin on in Vitro Angiogenesis. Biochemical and Biophysical Research Communications, 1999, 263, 340-345.	2.1	75
138	The Src and Signal Transducers and Activators of Transcription Pathways As Specific Targets for Low Molecular Weight Phosphotyrosine-protein Phosphatase in Platelet-derived Growth Factor Signaling. Journal of Biological Chemistry, 1998, 273, 6776-6785.	3.4	72
139	Low Molecular Weight Protein-tyrosine Phosphatase Tyrosine Phosphorylation by c-Src during Platelet-derived Growth Factor-induced Mitogenesis Correlates with Its Subcellular Targeting. Journal of Biological Chemistry, 1998, 273, 32522-32527.	3.4	45
140	Differential Migration of Acylphosphatase Isoenzymes from Cytoplasm to Nucleus during Apoptotic Cell Death. Biochemical and Biophysical Research Communications, 1997, 231, 717-721.	2.1	15
141	LMW-PTP Is a Negative Regulator of Insulin-Mediated Mitotic and Metabolic Signalling. Biochemical and Biophysical Research Communications, 1997, 238, 676-682.	2.1	106
142	c-Src Activates both STAT1 and STAT3 in PDGF-Stimulated NIH3T3 Cells. Biochemical and Biophysical Research Communications, 1997, 239, 493-497.	2.1	58
143	The 5â€²-untranslated region of the human muscle acylphosphatase mRNA has an inhibitory effect on protein expression. FEBS Letters, 1997, 417, 130-134.	2.8	10
144	Acylphosphatase is involved in differentiation of K562 cells. Cell Death and Differentiation, 1997, 4, 334-340.	11.2	20

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145	LowMrPhosphotyrosine Protein Phosphatase Interacts with the PDGF Receptor Directly via Its Catalytic Site. Biochemical and Biophysical Research Communications, 1996, 219, 21-25.	2.1	43
146	Characterization of a novel nucleolytic activity of acylphosphatases. IUBMB Life, 1996, 40, 73-81.	3.4	7
147	The Molecular Basis of the Differing Kinetic Behavior of the Two Low Molecular Mass Phosphotyrosine Protein Phosphatase Isoforms. Journal of Biological Chemistry, 1996, 271, 2604-2607.	3.4	48
148	Cloning and expression of the cDNA coding for the erythrocyte isoenzyme of human acylphosphatase. FEBS Letters, 1995, 367, 145-148.	2.8	16
149	In vivo inactivation of phosphotyrosine protein phosphatases by nitric oxide. FEBS Letters, 1995, 374, 249-252.	2.8	40
150	PDGF receptor as a specific in vivo target for lowMrphosphotyrosine protein phosphatase. FEBS Letters, 1995, 372, 49-53.	2.8	94
151	Aspartic-129 is an essential residue in the catalytic mechanism of the lowMrphosphotyrosine protein phosphatase. FEBS Letters, 1994, 350, 328-332.	2.8	47
152	The role of Cys12, Cys17 and Arg18 in the catalytic mechanism of low-Mr cytosolic phosphotyrosine protein phosphatase. FEBS Journal, 1993, 214, 647-657.	0.2	94
153	The role of Cys-17 in the pyridoxal 5â€²-phosphate inhibition of the bovine liver low phosphotyrosine protein phosphatase. BBA - Proteins and Proteomics, 1993, 1161, 216-222.	2.1	19
154	Cytokine Receptor Signal Transduction Mechanisms in Immuno-Hematopoietic Cells. Tumori, 1993, 79, 92-99.	1.1	2
155	Differential role of four cysteines on the activity of a lowMrphosphotyrosine protein phosphatase. FEBS Letters, 1992, 310, 9-12.	2.8	29
156	Nutritional and metabolic signalling through <scp>GPCRs</scp>. FEBS Letters, 0, , .	2.8	1