Hiroshi Sakaue

List of Publications by Year
in descending order

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142 papers	7,229 citations	50276 46 h-index	56724 83 g-index
146 all docs	146 docs citations	146 times ranked	8534 citing authors

#	Article	IF	Citations
1	TGFâ€²â€activated kinaseâ€1 inhibitor LLâ€Z1640â€2 reduces joint inflammation and bone destruction in mouse models of rheumatoid arthritis by inhibiting NLRP3 inflammasome, TACE, TNFâ€± and RANKL expression. Clinical and Translational Immunology, 2022, 11, e1371.	3.8	7
2	Saturated fatty acids intake is associated with muscle atrophy in rheumatoid arthritis. JCSM Rapid Communications, 2022, 5, 86-101.	1.6	2
3	Development of a screening system for agents that modulate taste receptor expression with the CRISPR-Cas9 system in medaka. Biochemical and Biophysical Research Communications, 2022, 601, 65-72.	2.1	1
4	Accuracy of an Artificial Intelligenceâ€"Based Model for Estimating Leftover Liquid Food in Hospitals: Validation Study. JMIR Formative Research, 2022, 6, e35991.	1.4	4
5	Taste receptor gene expression is associated with decreased eGFR in patients with diabetes. Journal of Medical Investigation, 2022, 69, 120-126.	0.5	1
6	Chemotherapy-Induced Taste Impairment in Patients with Head and Neck Cancer: Molecular Mechanisms and Dietary Prevention. Practica Otologica, Supplement, 2022, 158, 138-141.	0.0	0
7	Urinary Titin N-Fragment as a Biomarker of Muscle Atrophy, Intensive Care Unit-Acquired Weakness, and Possible Application for Post-Intensive Care Syndrome. Journal of Clinical Medicine, 2021, 10, 614.	2.4	9
8	Elevated Urinary Titin and its Associated Clinical Outcomes after Acute Stroke. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105561.	1.6	4
9	Rectus Femoris Mimicking Ultrasound Phantom for Muscle Mass Assessment: Design, Research, and Training Application. Journal of Clinical Medicine, 2021, 10, 2721.	2.4	5
10	Sudachi peel extract powder including the polymethoxylated flavone sudachitin improves visceral fat content in individuals at risk for developing diabetes. Food Science and Nutrition, 2021, 9, 4076-4084.	3.4	6
11	Assessment of catabolic state in infants with the use of urinary titin N-fragment. Pediatric Research, 2021, , .	2.3	1
12	Dietary Supplementation with Monosodium Glutamate Suppresses Chemotherapy-Induced Downregulation of the T1R3 Taste Receptor Subunit in Head and Neck Cancer Patients. Nutrients, 2021, 13, 2921.	4.1	7
13	Leucine induces cardioprotection inÂvitro by promoting mitochondrial function via mTOR and Opa-1 signaling. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2979-2986.	2.6	9
14	Long-chain monounsaturated fatty acids improve endothelial function with altering microbial flora. Translational Research, 2021, 237, 16-30.	5.0	27
15	Effects of daily 1,000-IU vitamin D-fortified milk intake on skeletal muscle mass, power, physical function and nutrition status in Japanese. Journal of Medical Investigation, 2021, 68, 249-255.	0.5	0
16	Leucine imparts cardioprotective effects by enhancing mTOR activity and mitochondrial fusion in a myocardial ischemia/reperfusion injury murine model. Diabetology and Metabolic Syndrome, 2021, 13, 139.	2.7	9
17	Integrated stress response regulates GDF15 secretion from adipocytes, preferentially suppresses appetite for a high-fat diet and improves obesity. IScience, 2021, 24, 103448.	4.1	19
18	Dietary supplementation with monosodium glutamate with dietary balance such as protein, salt and sugar intake with increasing T1R3 taste receptor gene expression in healthy females. Journal of Medical Investigation, 2021, 68, 315-320.	0.5	9

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19	UCP1-dependent and UCP1-independent metabolic changes induced by acute cold exposure in brown adipose tissue of mice. Metabolism: Clinical and Experimental, 2020, 113, 154396.	3.4	43
20	Effect of Electrical Muscle Stimulation on Upper and Lower Limb Muscles in Critically Ill Patients: A Two-Center Randomized Controlled Trial. Critical Care Medicine, 2020, 48, e997-e1003.	0.9	28
21	Urinary Titin Is a Novel Biomarker for Muscle Atrophy in Nonsurgical Critically Ill Patients: A Two-Center, Prospective Observational Study. Critical Care Medicine, 2020, 48, 1327-1333.	0.9	22
22	Phosphatemic Index Is a Novel Evaluation Tool for Dietary Phosphorus Load: A Whole-Foods Approach. , 2020, 30, 493-502.		10
23	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenaseâ€“leukotriene B ₄ axis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11674-11684.	7.1	23
24	Gene-expression profile reveals the genetic and acquired phenotypes of hyperactive mutant SPORTS rat. Journal of Medical Investigation, 2020, 67, 51-61.	0.5	3
25	Differential regulation of Actn2 and Actn3 expression during unfolded protein response in C2C12 myotubes. Journal of Muscle Research and Cell Motility, 2020, 41, 199-209.	2.0	8
26	Assessment of insulin resistance in the skeletal muscle of mice using positron emission tomography/computed tomography imaging. Biochemical and Biophysical Research Communications, 2020, 528, 499-505.	2.1	1
27	DNA methylation status influences insulin-induced glucose transport in 3T3-L1 adipocytes by mediating p53 expression. Biochemical and Biophysical Research Communications, 2020, 525, 39-45.	2.1	0
28	Branched-chain amino acids-induced cardiac protection against ischemia/reperfusion injury. Life Sciences, 2020, 245, 117368.	4.3	15
29	All-trans retinoic acid reduces the transcriptional regulation of intestinal sodium-dependent phosphate co-transporter gene (Npt2b). Biochemical Journal, 2020, 477, 817-831.	3.7	7
30	Interferon regulatory factor 7 mediates obesity-associated MCP-1 transcription. PLoS ONE, 2020, 15, e0233390.	2.5	13
31	Assessment of postoperative nutritional status and physical function between open surgical aortic valve replacement and transcatheter aortic valve implantation in elderly patients. Journal of Medical Investigation, 2020, 67, 139-144.	0.5	2
32	Establishment of screening for agents for improving dysgeusia using medaka. FASEB Journal, 2020, 34, 1-1.	0.5	0
33	Effect of olive oil consumption on aging in a senescence-accelerated mice-prone 8 (SAMP8) model. Journal of Medical Investigation, 2019, 66, 241-247.	0.5	4
34	Role of orexin in exercise-induced leptin sensitivity in the mediobasal hypothalamus of mice. Biochemical and Biophysical Research Communications, 2019, 514, 166-172.	2.1	6
35	Monitoring of muscle mass in critically ill patients: comparison of ultrasound and two bioelectrical impedance analysis devices. Journal of Intensive Care, 2019, 7, 61.	2.9	58
36	Effect of Janus kinase inhibition by tofacitinib on body composition and glucose metabolism. Journal of Medical Investigation, 2018, 65, 166-170.	0.5	12

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37	Readthrough of ACTN3 577X nonsense mutation produces full-length Î±-actinin-3 protein. Biochemical and Biophysical Research Communications, 2018, 502, 422-428.	2.1	7
38	Endoplasmic Reticulum Stress in Mice Increases Hepatic Expression of Genes Carrying a Premature Termination Codon via a Nutritional Statusâ€Independent GRP78â€Dependent Mechanism. Journal of Cellular Biochemistry, 2017, 118, 3810-3824.	2.6	4
39	Cell-cycle arrest in mature adipocytes impairs BAT development but not WAT browning, and reduces adaptive thermogenesis in mice. Scientific Reports, 2017, 7, 6648.	3.3	21
40	Intracerebroventricular injection of ghrelin decreases wheel running activity in rats. Peptides, 2017, 87, 12-19.	2.4	3
41	Ligand-induced rapid skeletal muscle atrophy in HSA-Fv2E-PERK transgenic mice. PLoS ONE, 2017, 12, e0179955.	2.5	10
42	Adipocyte Death and Chronic Inflammation in Obesity. Journal of Medical Investigation, 2017, 64, 193-196.	0.5	74
43	The Role of Heparin Cofactor â…¡ in the Regulation of Insulin Sensitivity and Maintenance of Glucose Homeostasis in Humans and Mice. Journal of Atherosclerosis and Thrombosis, 2017, 24, 1215-1230.	2.0	9
44	A novel lipoprotein (a) lowering drug, D-47, decreases neointima thickening after vascular injury. Journal of Medical Investigation, 2017, 64, 64-67.	0.5	2
45	DNA Methylation Suppresses Leptin Gene in 3T3-L1 Adipocytes. PLoS ONE, 2016, 11, e0160532.	2.5	16
46	Longâ€chain monounsaturated fatty acidâ€rich fish oil attenuates the development of atherosclerosis in mouse models. Molecular Nutrition and Food Research, 2016, 60, 2208-2218.	3.3	21
47	Effects of dietary phosphate on glucose and lipid metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E526-E538.	3.5	27
48	Depotâ€and genderâ€specific expression of NLRP3 inflammasome and tollâ€like receptors in adipose tissue of cancer patients. BioFactors, 2016, 42, 397-406.	5.4	12
49	Obesity-induced DNA released from adipocytes stimulates chronic adipose tissue inflammation and insulin resistance. Science Advances, 2016, 2, e1501332.	10.3	209
50	C-terminal region of GADD34 regulates eIF2Î± dephosphorylation and cell proliferation in CHO-K1 cells. Cell Stress and Chaperones, 2016, 21, 29-40.	2.9	2
51	Long-term dietary supplementation with saury oil attenuates metabolic abnormalities in mice fed a high-fat diet: combined beneficial effect of omega-3 fatty acids and long-chain monounsaturated fatty acids. Lipids in Health and Disease, 2015, 14, 155.	3.0	16
52	Intracerebroventricular injection of adiponectin regulates locomotor activity in rats. Journal of Medical Investigation, 2015, 62, 199-203.	0.5	11
53	Excessive dietary phosphorus intake impairs endothelial function in young healthy men: a time- and dose-dependent study. Journal of Medical Investigation, 2015, 62, 167-172.	0.5	13
54	Deletion of Hypoxia-Inducible Factor-1Î± in Adipocytes Enhances Glucagon-Like Peptide-1 Secretion and Reduces Adipose Tissue Inflammation. PLoS ONE, 2014, 9, e93856.	2.5	54

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55	Sudachitin, a polymethoxylated flavone, improves glucose and lipid metabolism by increasing mitochondrial biogenesis in skeletal muscle. Nutrition and Metabolism, 2014, 11, 32.	3.0	66
56	Albumin-normalized serum zinc: a clinically useful parameter for detecting taste impairment in patients undergoing dialysis. Nutrition Research, 2014, 34, 11-16.	2.9	13
57	Enhancement of Endothelial Function Inhibits Left Atrial Thrombi Development in an Animal Model of Spontaneous Left Atrial Thrombosis. Circulation Journal, 2014, 78, 1980-1988.	1.6	12
58	Exendin-4, a glucagon-like peptide-1 receptor agonist, attenuates neointimal hyperplasia after vascular injury. European Journal of Pharmacology, 2013, 699, 106-111.	3.5	51
59	Cysteine string protein 1 (CSP1) modulates insulin sensitivity by attenuating glucose transporter 4 (GLUT4) vesicle docking with the plasma membrane. Journal of Medical Investigation, 2013, 60, 197-204.	0.5	5
60	Ablation of 3-Phosphoinositide-Dependent Protein Kinase 1 (PDK1) in Vascular Endothelial Cells Enhances Insulin Sensitivity by Reducing Visceral Fat and Suppressing Angiogenesis. Molecular Endocrinology, 2012, 26, 95-109.	3.7	11
61	Proliferative and Antiapoptotic Signaling Stimulated by Nuclear-Localized PDK1 Results in Oncogenesis. Science Signaling, 2012, 5, ra80.	3.6	29
62	Membrane topology of murine glycerol-3-phosphate acyltransferase 2. Biochemical and Biophysical Research Communications, 2012, 418, 506-511.	2.1	10
63	Identification and functional characterization of human glycerol-3-phosphate acyltransferase 1 gene promoters. Biochemical and Biophysical Research Communications, 2012, 423, 128-133.	2.1	9
64	Telmisartan ameliorates insulin sensitivity by activating the AMPK/SIRT1 pathway in skeletal muscle of obese db/db mice. Cardiovascular Diabetology, 2012, 11, 139.	6.8	56
65	Activation of AMPKâ€“Sirt1 pathway by telmisartan in white adipose tissue: A possible link to anti-metabolic effects. European Journal of Pharmacology, 2012, 692, 84-90.	3.5	21
66	Vimentin binds IRAP and is involved in GLUT4 vesicle trafficking. Biochemical and Biophysical Research Communications, 2011, 405, 96-101.	2.1	20
67	Severe catabolic state after an overnight fast in patients with chronic renal failure. Nutrition, 2011, 27, 329-332.	2.4	6
68	Overexpression of KLF15 Transcription Factor in Adipocytes of Mice Results in Down-regulation of SCD1 Protein Expression in Adipocytes and Consequent Enhancement of Glucose-induced Insulin Secretion. Journal of Biological Chemistry, 2011, 286, 37458-37469.	3.4	29
69	Mask enhancer technology for sub-100nm pitch random logic layout contact hole fabrication. , 2010, , .		0
70	Adipose tissueâ€“specific dysregulation of angiotensinogen by oxidative stress in obesity. Metabolism: Clinical and Experimental, 2010, 59, 1241-1251.	3.4	30
71	High density lipoprotein inhibits the activation of sterol regulatory elementâ€binding proteinâ€1 in cultured cells. FEBS Letters, 2010, 584, 1217-1222.	2.8	4
72	Dexamethasone Treatment Induces the Reprogramming of Pancreatic Acinar Cells to Hepatocytes and Ductal Cells. PLoS ONE, 2010, 5, e13650.	2.5	30

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73	Role of KLF15 in Regulation of Hepatic Gluconeogenesis and Metformin Action. Diabetes, 2010, 59, 1608-1615.	0.6	100
74	Adipose Tissueâ€“Specific Regulation of Angiotensinogen in Obese Humans and Mice: Impact of Nutritional Status and Adipocyte Hypertrophy. American Journal of Hypertension, 2010, 23, 425-431.	2.0	94
75	The KrÃ¼ppel-like factor KLF15 inhibits transcription of the adrenomedullin gene in adipocytes. Biochemical and Biophysical Research Communications, 2009, 379, 98-103.	2.1	13
76	Skp2 promotes adipocyte differentiation via a p27Kip1-independent mechanism in primary mouse embryonic fibroblasts. Biochemical and Biophysical Research Communications, 2009, 379, 249-254.	2.1	4
77	Exendin-4, a GLP-1 receptor agonist, directly induces adiponectin expression through protein kinase A pathway and prevents inflammatory adipokine expression. Biochemical and Biophysical Research Communications, 2009, 390, 613-618.	2.1	121
78	Resist planarization for trench first dual damascene. , 2009, , .		1
79	Role of KrÃ¼ppel-like Factor 15 in Adipocytes. , 2009, , 151-157.		0
80	Dok1 mediates high-fat dietâ€“induced adipocyte hypertrophy and obesity through modulation of PPAR-Î³ phosphorylation. Nature Medicine, 2008, 14, 188-193.	30.7	100
81	PDK1 Regulates Cell Proliferation and Cell Cycle Progression through Control of Cyclin D1 and p27Kip1 Expression. Journal of Biological Chemistry, 2008, 283, 17702-17711.	3.4	32
82	Restoration of Glucokinase Expression in the Liver Normalizes Postprandial Glucose Disposal in Mice With Hepatic Deficiency of PDK1. Diabetes, 2007, 56, 1000-1009.	0.6	36
83	Skp2 Controls Adipocyte Proliferation during the Development of Obesity. Journal of Biological Chemistry, 2007, 282, 2038-2046.	3.4	73
84	Assessment of electron projection lithography mask membrane image placement accuracy due to fabrication processes. , 2006, , .		0
85	Advanced image placement performance for the current EPL masks. , 2006, , .		0
86	Fused protein of Î´PKC activation loop and PDK1-interacting fragment (Î´AL-PIF) functions as a pseudosubstrate and an inhibitory molecule for PDK1 when expressed in cells. Genes To Cells, 2006, 11, 1051-1070.	1.2	5
87	RBP4, an unexpected adipokine. Nature Medicine, 2006, 12, 30-31.	30.7	97
88	Application of Electron Projection Lithography to Via Formation in Two-Layer Metallization. Japanese Journal of Applied Physics, 2006, 45, 5418-5422.	1.5	0
89	Epitaxial Growth of Cu Nanodot Arrays Using an AAO Template on a Si Substrate. Electrochemical and Solid-State Letters, 2006, 9, J13.	2.2	23
90	The improvement of the overlay accuracy using the reticle distortion correction for EPL technologies. , 2005, 5751, 483.		0

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91	Local IP evaluations of EPL reticle with 4 mm-sq Si membranes. , 2005, , .		0
92	Deletion of Cdkn1b ameliorates hyperglycemia by maintaining compensatory hyperinsulinemia in diabetic mice. Nature Medicine, 2005, 11, 175-182.	30.7	197
93	The Molecular Scaffold Kinase Suppressor of Ras 1 (KSR1) Regulates Adipogenesis. Molecular and Cellular Biology, 2005, 25, 7592-7604.	2.3	74
94	Role of KrÃ¼ppel-like Factor 15 (KLF15) in Transcriptional Regulation of Adipogenesis. Journal of Biological Chemistry, 2005, 280, 12867-12875.	3.4	293
95	Role of KrÃ¼ppel-like factor 15 in PEPCK gene expression in the liver. Biochemical and Biophysical Research Communications, 2005, 327, 920-926.	2.1	64
96	Role of MAPK Phosphatase-1 (MKP-1) in Adipocyte Differentiation. Journal of Biological Chemistry, 2004, 279, 39951-39957.	3.4	70
97	Role of STAT-3 in regulation of hepatic gluconeogenic genes and carbohydrate metabolism in vivo. Nature Medicine, 2004, 10, 168-174.	30.7	328
98	A KrÃ¼ppel-like factor KLF15 Contributes Fasting-induced Transcriptional Activation of Mitochondrial Acetyl-CoA Synthetase Gene AceCS2. Journal of Biological Chemistry, 2004, 279, 16954-16962.	3.4	78
99	Effects of the Surface Pressure on the Formation of Langmuirâ^'Blodgett Monolayer of Nanoparticles. Langmuir, 2004, 20, 2274-2276.	3.5	68
100	Self-Organization of a Porous Alumina Nanohole Array Using a Sulfuric/Oxalic Acid Mixture as Electrolyte. Electrochemical and Solid-State Letters, 2004, 7, E15.	2.2	90
101	Preliminary results of EB stepper in the application of 65-nm process. , 2004, 5374, 478.		4
102	Requirement for 3-Phosphoinositide-dependent Kinase-1 (PDK-1) in Insulin-induced Glucose Uptake in Immortalized Brown Adipocytes. Journal of Biological Chemistry, 2003, 278, 38870-38874.	3.4	18
103	Modulation of Insulin-stimulated Degradation of Human Insulin Receptor Substrate-1 by Serine 312 Phosphorylation. Journal of Biological Chemistry, 2003, 278, 8199-8211.	3.4	172
104	Computer-Aided Chemistry Estimation Method of Electronic-Polarization Dielectric Constants for the Molecular Design of Low-kMaterials. Japanese Journal of Applied Physics, 2003, 42, 157-161.	1.5	13
105	Protein kinase B/Akt is essential for the insulin- but not progesterone-stimulated resumption of meiosis in Xenopus oocytes. Biochemical Journal, 2003, 369, 227-238.	3.7	41
106	Optical spectroscopic studies of the dispersibility of gold nanoparticle solutions. Journal of Applied Physics, 2002, 92, 7486-7490.	2.5	35
107	Formation of Al Dot Hexagonal Array on Si Using Anodic Oxidation and Selective Etching. Japanese Journal of Applied Physics, 2002, 41, L340-L343.	1.5	16
108	Role of the Insulin Receptor Substrate 1 and Phosphatidylinositol 3-Kinase Signaling Pathway in Insulin-Induced Expression of Sterol Regulatory Element Binding Protein 1c and Glucokinase Genes in Rat Hepatocytes. Diabetes, 2002, 51, 1672-1680.	0.6	120

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109	Requirement of fibroblast growth factor 10 in development of white adipose tissue. Genes and Development, 2002, 16, 908-912.	5.9	118
110	Hyperinsulinemia, glucose intolerance, and dyslipidemia induced by acute inhibition of phosphoinositide 3-kinase signaling in the liver. Journal of Clinical Investigation, 2002, 110, 1483-1491.	8.2	112
111	Hyperinsulinemia, glucose intolerance, and dyslipidemia induced by acute inhibition of phosphoinositide 3-kinase signaling in the liver. Journal of Clinical Investigation, 2002, 110, 1483-1491.	8.2	67
112	Study of a Dielectric Constant Due to Electronic Polarization Using a Semiempirical Molecular Orbital Method I. Japanese Journal of Applied Physics, 2001, 40, 4829-4836.	1.5	22
113	Well-size-controlled Colloidal Gold Nanoparticles Dispersed in Organic Solvents. Japanese Journal of Applied Physics, 2001, 40, 346-349.	1.5	61
114	Scanning Electron Microscope Observation of Heterogeneous Three-Dimensional Nanoparticle Arrays Using DNA. Japanese Journal of Applied Physics, 2001, 40, L521-L523.	1.5	6
115	Self-Organized Gold Nanodots Array on a Silicon Substrate and Its Mechanical Stability. Japanese Journal of Applied Physics, 1999, 38, L1488-L1490.	1.5	8
116	Control of Interdot Space and Dot Size in a Two-Dimensional Gold Nanodot Array. Japanese Journal of Applied Physics, 1999, 38, L473-L476.	1.5	9
117	Up-regulation of Akt3 in Estrogen Receptor-deficient Breast Cancers and Androgen-independent Prostate Cancer Lines. Journal of Biological Chemistry, 1999, 274, 21528-21532.	3.4	407
118	Two-dimensional nanowire array formation on Si substrate using self-organized nanoholes of anodically oxidized aluminum. Solid-State Electronics, 1999, 43, 1143-1146.	1.4	66
119	Identification of a Human Akt3 (Protein Kinase B Î³) Which Contains the Regulatory Serine Phosphorylation Site. Biochemical and Biophysical Research Communications, 1999, 257, 906-910.	2.1	165
120	Self-Organization of a Two-Dimensional Array of Gold Nanodots Encapsulated by Alkanethiol. Japanese Journal of Applied Physics, 1998, 37, 7198-7201.	1.5	31
121	Posttranscriptional Control of Adipocyte Differentiation through Activation of Phosphoinositide 3-Kinase. Journal of Biological Chemistry, 1998, 273, 28945-28952.	3.4	136
122	Requirement of Atypical Protein Kinase CÎ» for Insulin Stimulation of Glucose Uptake but Not for Akt Activation in 3T3-L1 Adipocytes. Molecular and Cellular Biology, 1998, 18, 6971-6982.	2.3	354
123	Requirement for Activation of the Serine-Threonine Kinase Akt (Protein Kinase B) in Insulin Stimulation of Protein Synthesis but Not of Glucose Transport. Molecular and Cellular Biology, 1998, 18, 3708-3717.	2.3	305
124	Scanning Tunneling Microscopy Observation on the Atomic Structures of Step Edges and Etch Pits on a NH4F-Treated Si(111) Surface. Japanese Journal of Applied Physics, 1997, 36, 1420-1423.	1.5	5
125	Highly Selective SiO2Etching Using CF4/C2H4. Japanese Journal of Applied Physics, 1997, 36, 2477-2481.	1.5	7
126	Phosphoinositide 3-Kinase Is Required for Insulin-Induced but Not for Growth Hormone- or Hyperosmolarity-Induced Glucose Uptake in 3T3-L1 Adipocytes. Molecular Endocrinology, 1997, 11, 1552-1562.	3.7	118

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127	Interaction of Nck-associated protein 1 with activated GTP-binding protein Rac. Biochemical Journal, 1997, 322, 873-878.	3.7	51
128	Simulation of Trabecular Surface Remodeling based on Local Stress Nonuniformity.. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 1997, 40, 782-792.	0.3	55
129	Simulation of Trabecular Surface Remodeling Based on Local Stress Nonuniformity.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1997, 63, 777-784.	0.2	3
130	Activation of translation initiation factor eIF2B by insulin requires phosphatidyl inositol 3-kinase. FEBS Letters, 1997, 410, 418-422.	2.8	93
131	Ordered Two-Dimensional Nanowire Array Formation Using Self-Organized Nanoholes of Anodically Oxidized Aluminum. Japanese Journal of Applied Physics, 1997, 36, 7791-7795.	1.5	138
132	Phosphoinositide 3-Kinase Is Required for Insulin-Induced but Not for Growth Hormone- or Hyperosmolarity-Induced Glucose Uptake in 3T3-L1 Adipocytes. Molecular Endocrinology, 1997, 11, 1552-1562.	3.7	51
133	Study on Adsorption Behavior of Organic Contaminations on Silicon Surface by Gas Chromatography/Mass Spectrometry. Japanese Journal of Applied Physics, 1996, 35, L818-L821.	1.5	37
134	A Role for Phosphoinositide 3-Kinase in Bacterial Invasion. Science, 1996, 274, 780-782.	12.6	335
135	Phosphatidylinositol 3-Kinase-independent Signal Transduction Pathway for Platelet-derived Growth Factor-induced Chemotaxis. Journal of Biological Chemistry, 1996, 271, 29342-29346.	3.4	60
136	P-66: Introduction of dominant negative molecules into 3T3L1 adipocytes using adenovirus vector. Experimental and Clinical Endocrinology and Diabetes, 1996, 104, 132-132.	1.2	1
137	Ras-independent and Wortmannin-sensitive Activation of Glycogen Synthase by Insulin in Chinese Hamster Ovary Cells. Journal of Biological Chemistry, 1995, 270, 11304-11309.	3.4	71
138	Normal Activation of P70 S6 Kinase by Insulin in Cells Overexpressing Dominant Negative 85-kDa Subunit of Phosphoinositide 3-Kinase. Biochemical and Biophysical Research Communications, 1995, 208, 735-741.	2.1	49
139	Requirement for Phosphoinositide 3-Kinase in Insulin-Stimulated GLUT4 Translocation in 3T3-L1 Adipocytes. Biochemical and Biophysical Research Communications, 1995, 209, 343-348.	2.1	149
140	1-Phosphatidylinositol 3-kinase activity is required for insulin-stimulated glucose transport but not for RAS activation in CHO cells.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 7415-7419.	7.1	437
141	Digital etching study and fabrication of fine Si lines and dots. Thin Solid Films, 1993, 225, 124-129.	1.8	31
142	Low energy silicon etching technologies. Microelectronic Engineering, 1991, 13, 417-424.	2.4	3