

# Hiroshi Sakaue

## List of Publications by Year in descending order

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142  
papers

7,229  
citations

50276

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all docs

146  
docs citations

146  
times ranked

8534  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Requirement of Atypical Protein Kinase C $\delta$ 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
4	A Role for Phosphoinositide 3-Kinase in Bacterial Invasion. Science, 1996, 274, 780-782.	12.6	335
5	Role of STAT-3 in regulation of hepatic gluconeogenic genes and carbohydrate metabolism in vivo. Nature Medicine, 2004, 10, 168-174.	30.7	328
6	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
7	Role of Kr $\mu$ ppel-like Factor 15 (KLF15) in Transcriptional Regulation of Adipogenesis. Journal of Biological Chemistry, 2005, 280, 12867-12875.	3.4	293
8	Obesity-induced DNA released from adipocytes stimulates chronic adipose tissue inflammation and insulin resistance. Science Advances, 2016, 2, e1501332.	10.3	209
9	Deletion of Cdkn1b ameliorates hyperglycemia by maintaining compensatory hyperinsulinemia in diabetic mice. Nature Medicine, 2005, 11, 175-182.	30.7	197
10	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
11	Identification of a Human Akt3 (Protein Kinase B $\beta$ ) Which Contains the Regulatory Serine Phosphorylation Site. Biochemical and Biophysical Research Communications, 1999, 257, 906-910.	2.1	165
12	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
13	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
14	Posttranscriptional Control of Adipocyte Differentiation through Activation of Phosphoinositide 3-Kinase. Journal of Biological Chemistry, 1998, 273, 28945-28952.	3.4	136
15	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
16	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
17	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
18	Requirement of fibroblast growth factor 10 in development of white adipose tissue. Genes and Development, 2002, 16, 908-912.	5.9	118

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19	Hyperinsulinemia, glucose intolerance, and dyslipidemia induced by acute inhibition of phosphoinositide 3-kinase signaling in the liver. <i>Journal of Clinical Investigation</i> , 2002, 110, 1483-1491.	8.2	112
20	Dok1 mediates high-fat diet-induced adipocyte hypertrophy and obesity through modulation of PPAR- $\beta$ phosphorylation. <i>Nature Medicine</i> , 2008, 14, 188-193.	30.7	100
21	Role of KLF15 in Regulation of Hepatic Gluconeogenesis and Metformin Action. <i>Diabetes</i> , 2010, 59, 1608-1615.	0.6	100
22	RBP4, an unexpected adipokine. <i>Nature Medicine</i> , 2006, 12, 30-31.	30.7	97
23	Adipose Tissue-Specific Regulation of Angiotensinogen in Obese Humans and Mice: Impact of Nutritional Status and Adipocyte Hypertrophy. <i>American Journal of Hypertension</i> , 2010, 23, 425-431.	2.0	94
24	Activation of translation initiation factor eIF2B by insulin requires phosphatidylinositol 3-kinase. <i>FEBS Letters</i> , 1997, 410, 418-422.	2.8	93
25	Self-Organization of a Porous Alumina Nanohole Array Using a Sulfuric/Oxalic Acid Mixture as Electrolyte. <i>Electrochemical and Solid-State Letters</i> , 2004, 7, E15.	2.2	90
26	A Kr $\beta$ 1-like factor KLF15 Contributes Fasting-induced Transcriptional Activation of Mitochondrial Acetyl-CoA Synthetase Gene AceCS2. <i>Journal of Biological Chemistry</i> , 2004, 279, 16954-16962.	3.4	78
27	The Molecular Scaffold Kinase Suppressor of Ras 1 (KSR1) Regulates Adipogenesis. <i>Molecular and Cellular Biology</i> , 2005, 25, 7592-7604.	2.3	74
28	Adipocyte Death and Chronic Inflammation in Obesity. <i>Journal of Medical Investigation</i> , 2017, 64, 193-196.	0.5	74
29	Skp2 Controls Adipocyte Proliferation during the Development of Obesity. <i>Journal of Biological Chemistry</i> , 2007, 282, 2038-2046.	3.4	73
30	Ras-independent and Wortmannin-sensitive Activation of Glycogen Synthase by Insulin in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 11304-11309.	3.4	71
31	Role of MAPK Phosphatase-1 (MKP-1) in Adipocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 39951-39957.	3.4	70
32	Effects of the Surface Pressure on the Formation of Langmuir-Blodgett Monolayer of Nanoparticles. <i>Langmuir</i> , 2004, 20, 2274-2276.	3.5	68
33	Hyperinsulinemia, glucose intolerance, and dyslipidemia induced by acute inhibition of phosphoinositide 3-kinase signaling in the liver. <i>Journal of Clinical Investigation</i> , 2002, 110, 1483-1491.	8.2	67
34	Two-dimensional nanowire array formation on Si substrate using self-organized nanoholes of anodically oxidized aluminum. <i>Solid-State Electronics</i> , 1999, 43, 1143-1146.	1.4	66
35	Sudachitin, a polymethoxylated flavone, improves glucose and lipid metabolism by increasing mitochondrial biogenesis in skeletal muscle. <i>Nutrition and Metabolism</i> , 2014, 11, 32.	3.0	66
36	Role of Kr $\beta$ 1-like factor 15 in PEPCK gene expression in the liver. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 920-926.	2.1	64

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37	Well-size-controlled Colloidal Gold Nanoparticles Dispersed in Organic Solvents. Japanese Journal of Applied Physics, 2001, 40, 346-349.	1.5	61
38	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
39	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
40	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
41	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
42	Deletion of Hypoxia-Inducible Factor-1 $\alpha$ in Adipocytes Enhances Glucagon-Like Peptide-1 Secretion and Reduces Adipose Tissue Inflammation. PLoS ONE, 2014, 9, e93856.	2.5	54
43	Interaction of Nck-associated protein 1 with activated GTP-binding protein Rac. Biochemical Journal, 1997, 322, 873-878.	3.7	51
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	Optical spectroscopic studies of the dispersibility of gold nanoparticle solutions. Journal of Applied Physics, 2002, 92, 7486-7490.	2.5	35
52	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
53	Digital etching study and fabrication of fine Si lines and dots. Thin Solid Films, 1993, 225, 124-129.	1.8	31
54	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

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55	Adipose tissue-specific dysregulation of angiotensinogen by oxidative stress in obesity. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1241-1251.	3.4	30
56	Dexamethasone Treatment Induces the Reprogramming of Pancreatic Acinar Cells to Hepatocytes and Ductal Cells. <i>PLoS ONE</i> , 2010, 5, e13650.	2.5	30
57	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. <i>Journal of Biological Chemistry</i> , 2011, 286, 37458-37469.	3.4	29
58	Proliferative and Antiapoptotic Signaling Stimulated by Nuclear-Localized PDK1 Results in Oncogenesis. <i>Science Signaling</i> , 2012, 5, ra80.	3.6	29
59	Effect of Electrical Muscle Stimulation on Upper and Lower Limb Muscles in Critically Ill Patients: A Two-Center Randomized Controlled Trial. <i>Critical Care Medicine</i> , 2020, 48, e997-e1003.	0.9	28
60	Effects of dietary phosphate on glucose and lipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E526-E538.	3.5	27
61	Long-chain monounsaturated fatty acids improve endothelial function with altering microbial flora. <i>Translational Research</i> , 2021, 237, 16-30.	5.0	27
62	Epitaxial Growth of Cu Nanodot Arrays Using an AAO Template on a Si Substrate. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, J13.	2.2	23
63	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenase-leukotriene B <sub>4</sub> axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11674-11684.	7.1	23
64	Study of a Dielectric Constant Due to Electronic Polarization Using a Semiempirical Molecular Orbital Method I. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 4829-4836.	1.5	22
65	Urinary Titin Is a Novel Biomarker for Muscle Atrophy in Nonsurgical Critically Ill Patients: A Two-Center, Prospective Observational Study. <i>Critical Care Medicine</i> , 2020, 48, 1327-1333.	0.9	22
66	Activation of AMPK-Sirt1 pathway by telmisartan in white adipose tissue: A possible link to anti-metabolic effects. <i>European Journal of Pharmacology</i> , 2012, 692, 84-90.	3.5	21
67	Long-chain monounsaturated fatty acid-rich fish oil attenuates the development of atherosclerosis in mouse models. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2208-2218.	3.3	21
68	Cell-cycle arrest in mature adipocytes impairs BAT development but not WAT browning, and reduces adaptive thermogenesis in mice. <i>Scientific Reports</i> , 2017, 7, 6648.	3.3	21
69	Vimentin binds IRAP and is involved in GLUT4 vesicle trafficking. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 96-101.	2.1	20
70	Integrated stress response regulates GDF15 secretion from adipocytes, preferentially suppresses appetite for a high-fat diet and improves obesity. <i>IScience</i> , 2021, 24, 103448.	4.1	19
71	Requirement for 3-Phosphoinositide-dependent Kinase-1 (PDK-1) in Insulin-induced Glucose Uptake in Immortalized Brown Adipocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 38870-38874.	3.4	18
72	Formation of Al Dot Hexagonal Array on Si Using Anodic Oxidation and Selective Etching. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L340-L343.	1.5	16

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73	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. <i>Lipids in Health and Disease</i> , 2015, 14, 155.	3.0	16
74	DNA Methylation Suppresses Leptin Gene in 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2016, 11, e0160532.	2.5	16
75	Branched-chain amino acids-induced cardiac protection against ischemia/reperfusion injury. <i>Life Sciences</i> , 2020, 245, 117368.	4.3	15
76	Computer-Aided Chemistry Estimation Method of Electronic-Polarization Dielectric Constants for the Molecular Design of Low-k Materials. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 157-161.	1.5	13
77	The KrÄ½ppel-like factor KLF15 inhibits transcription of the adrenomedullin gene in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 98-103.	2.1	13
78	Albumin-normalized serum zinc: a clinically useful parameter for detecting taste impairment in patients undergoing dialysis. <i>Nutrition Research</i> , 2014, 34, 11-16.	2.9	13
79	Excessive dietary phosphorus intake impairs endothelial function in young healthy men: a time- and dose-dependent study. <i>Journal of Medical Investigation</i> , 2015, 62, 167-172.	0.5	13
80	Interferon regulatory factor 7 mediates obesity-associated MCP-1 transcription. <i>PLoS ONE</i> , 2020, 15, e0233390.	2.5	13
81	Enhancement of Endothelial Function Inhibits Left Atrial Thrombi Development in an Animal Model of Spontaneous Left Atrial Thrombosis. <i>Circulation Journal</i> , 2014, 78, 1980-1988.	1.6	12
82	Depot- and gender-specific expression of NLRP3 inflammasome and toll-like receptors in adipose tissue of cancer patients. <i>BioFactors</i> , 2016, 42, 397-406.	5.4	12
83	Effect of Janus kinase inhibition by tofacitinib on body composition and glucose metabolism. <i>Journal of Medical Investigation</i> , 2018, 65, 166-170.	0.5	12
84	Ablation of 3-Phosphoinositide-Dependent Protein Kinase 1 (PDK1) in Vascular Endothelial Cells Enhances Insulin Sensitivity by Reducing Visceral Fat and Suppressing Angiogenesis. <i>Molecular Endocrinology</i> , 2012, 26, 95-109.	3.7	11
85	Intracerebroventricular injection of adiponectin regulates locomotor activity in rats. <i>Journal of Medical Investigation</i> , 2015, 62, 199-203.	0.5	11
86	Membrane topology of murine glycerol-3-phosphate acyltransferase 2. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 506-511.	2.1	10
87	Ligand-induced rapid skeletal muscle atrophy in HSA-Fv2E-PERK transgenic mice. <i>PLoS ONE</i> , 2017, 12, e0179955.	2.5	10
88	Phosphatemic Index Is a Novel Evaluation Tool for Dietary Phosphorus Load: A Whole-Foods Approach. <i>Journal of Medical Investigation</i> , 2020, 30, 493-502.		10
89	Control of Interdot Space and Dot Size in a Two-Dimensional Gold Nanodot Array. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L473-L476.	1.5	9
90	Identification and functional characterization of human glycerol-3-phosphate acyltransferase 1 gene promoters. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 128-133.	2.1	9

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91	The Role of Heparin Cofactor $\beta_2$ in the Regulation of Insulin Sensitivity and Maintenance of Glucose Homeostasis in Humans and Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 1215-1230.	2.0	9
92	Urinary Titin N-Fragment as a Biomarker of Muscle Atrophy, Intensive Care Unit-Acquired Weakness, and Possible Application for Post-Intensive Care Syndrome. <i>Journal of Clinical Medicine</i> , 2021, 10, 614.	2.4	9
93	Leucine induces cardioprotection in vitro by promoting mitochondrial function via mTOR and Opa-1 signaling. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2979-2986.	2.6	9
94	Leucine imparts cardioprotective effects by enhancing mTOR activity and mitochondrial fusion in a myocardial ischemia/reperfusion injury murine model. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 139.	2.7	9
95	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. <i>Journal of Medical Investigation</i> , 2021, 68, 315-320.	0.5	9
96	Self-Organized Gold Nanodots Array on a Silicon Substrate and Its Mechanical Stability. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L1488-L1490.	1.5	8
97	Differential regulation of Actn2 and Actn3 expression during unfolded protein response in C2C12 myotubes. <i>Journal of Muscle Research and Cell Motility</i> , 2020, 41, 199-209.	2.0	8
98	Highly Selective SiO <sub>2</sub> Etching Using CF <sub>4</sub> /C <sub>2</sub> H <sub>4</sub> . <i>Japanese Journal of Applied Physics</i> , 1997, 36, 2477-2481.	1.5	7
99	Readthrough of ACTN3 577X nonsense mutation produces full-length $\beta$ -actinin-3 protein. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 422-428.	2.1	7
100	Dietary Supplementation with Monosodium Glutamate Suppresses Chemotherapy-Induced Downregulation of the T1R3 Taste Receptor Subunit in Head and Neck Cancer Patients. <i>Nutrients</i> , 2021, 13, 2921.	4.1	7
101	All-trans retinoic acid reduces the transcriptional regulation of intestinal sodium-dependent phosphate co-transporter gene ( <i>Sln</i> ). <i>Biochemical Journal</i> , 2020, 477, 817-831.	3.7	7
102	TGF $\beta$ 1-activated kinase-1 inhibitor LL-640 reduces joint inflammation and bone destruction in mouse models of rheumatoid arthritis by inhibiting NLRP3 inflammasome, TACE, TNF $\alpha$ and RANKL expression. <i>Clinical and Translational Immunology</i> , 2022, 11, e1371.	3.8	7
103	Scanning Electron Microscope Observation of Heterogeneous Three-Dimensional Nanoparticle Arrays Using DNA. <i>Japanese Journal of Applied Physics</i> , 2001, 40, L521-L523.	1.5	6
104	Severe catabolic state after an overnight fast in patients with chronic renal failure. <i>Nutrition</i> , 2011, 27, 329-332.	2.4	6
105	Role of orexin in exercise-induced leptin sensitivity in the mediobasal hypothalamus of mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 166-172.	2.1	6
106	Sudachi peel extract powder including the polymethoxylated flavone sudachitin improves visceral fat content in individuals at risk for developing diabetes. <i>Food Science and Nutrition</i> , 2021, 9, 4076-4084.	3.4	6
107	Scanning Tunneling Microscopy Observation on the Atomic Structures of Step Edges and Etch Pits on a NH <sub>4</sub> F-Treated Si(111) Surface. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 1420-1423.	1.5	5
108	Fused protein of $\beta$ PKC activation loop and PDK1-interacting fragment ( $\beta$ AL-PIF) functions as a pseudosubstrate and an inhibitory molecule for PDK1 when expressed in cells. <i>Genes To Cells</i> , 2006, 11, 1051-1070.	1.2	5

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109	Rectus Femoris Mimicking Ultrasound Phantom for Muscle Mass Assessment: Design, Research, and Training Application. <i>Journal of Clinical Medicine</i> , 2021, 10, 2721.	2.4	5
110	Cysteine string protein 1 (CSP1) modulates insulin sensitivity by attenuating glucose transporter 4 (GLUT4) vesicle docking with the plasma membrane. <i>Journal of Medical Investigation</i> , 2013, 60, 197-204.	0.5	5
111	Preliminary results of EB stepper in the application of 65-nm process. , 2004, 5374, 478.		4
112	Skp2 promotes adipocyte differentiation via a p27Kip1-independent mechanism in primary mouse embryonic fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 249-254.	2.1	4
113	High density lipoprotein inhibits the activation of sterol regulatory element-binding protein in cultured cells. <i>FEBS Letters</i> , 2010, 584, 1217-1222.	2.8	4
114	Endoplasmic Reticulum Stress in Mice Increases Hepatic Expression of Genes Carrying a Premature Termination Codon via a Nutritional Status-independent GRP78-dependent Mechanism. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3810-3824.	2.6	4
115	Effect of olive oil consumption on aging in a senescence-accelerated mice-prone 8 (SAMP8) model. <i>Journal of Medical Investigation</i> , 2019, 66, 241-247.	0.5	4
116	Elevated Urinary Titin and its Associated Clinical Outcomes after Acute Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105561.	1.6	4
117	Accuracy of an Artificial Intelligence-Based Model for Estimating Leftover Liquid Food in Hospitals: Validation Study. <i>JMIR Formative Research</i> , 2022, 6, e35991.	1.4	4
118	Low energy silicon etching technologies. <i>Microelectronic Engineering</i> , 1991, 13, 417-424.	2.4	3
119	Simulation of Trabecular Surface Remodeling Based on Local Stress Nonuniformity.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1997, 63, 777-784.	0.2	3
120	Intracerebroventricular injection of ghrelin decreases wheel running activity in rats. <i>Peptides</i> , 2017, 87, 12-19.	2.4	3
121	Gene-expression profile reveals the genetic and acquired phenotypes of hyperactive mutant SPORTS rat. <i>Journal of Medical Investigation</i> , 2020, 67, 51-61.	0.5	3
122	C-terminal region of GADD34 regulates eIF2 $\pm$ dephosphorylation and cell proliferation in CHO-K1 cells. <i>Cell Stress and Chaperones</i> , 2016, 21, 29-40.	2.9	2
123	A novel lipoprotein (a) lowering drug, D-47, decreases neointima thickening after vascular injury. <i>Journal of Medical Investigation</i> , 2017, 64, 64-67.	0.5	2
124	Assessment of postoperative nutritional status and physical function between open surgical aortic valve replacement and transcatheter aortic valve implantation in elderly patients. <i>Journal of Medical Investigation</i> , 2020, 67, 139-144.	0.5	2
125	Saturated fatty acids intake is associated with muscle atrophy in rheumatoid arthritis. <i>JCSM Rapid Communications</i> , 2022, 5, 86-101.	1.6	2
126	P-66: Introduction of dominant negative molecules into 3T3L1 adipocytes using adenovirus vector. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 132-132.	1.2	1

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127	Resist planarization for trench first dual damascene. , 2009, , .		1
128	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
129	Assessment of catabolic state in infants with the use of urinary titin N-fragment. Pediatric Research, 2021, , .	2.3	1
130	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
131	Taste receptor gene expression is associated with decreased eGFR in patients with diabetes. Journal of Medical Investigation, 2022, 69, 120-126.	0.5	1
132	The improvement of the overlay accuracy using the reticle distortion correction for EPL technologies. , 2005, 5751, 483.		0
133	Local IP evaluations of EPL reticle with 4 mm-sq Si membranes. , 2005, , .		0
134	Assessment of electron projection lithography mask membrane image placement accuracy due to fabrication processes. , 2006, , .		0
135	Advanced image placement performance for the current EPL masks. , 2006, , .		0
136	Application of Electron Projection Lithography to Via Formation in Two-Layer Metallization. Japanese Journal of Applied Physics, 2006, 45, 5418-5422.	1.5	0
137	Mask enhancer technology for sub-100nm pitch random logic layout contact hole fabrication. , 2010, , .		0
138	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
139	Role of KrÄppel-like Factor 15 in Adipocytes. , 2009, , 151-157.		0
140	Establishment of screening for agents for improving dysgeusia using medaka. FASEB Journal, 2020, 34, 1-1.	0.5	0
141	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
142	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