

# Kwon-Soo Ha

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

239  
papers

6,311  
citations

43  
h-index

68  
g-index

245  
ext. papers

6,947  
ext. citations

5.2  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
239	Midazolam Ameliorates Hyperglycemia-Induced Glomerular Endothelial Dysfunction by Inhibiting Transglutaminase 2 in Diabetes.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
238	REDD1 is a determinant of low-dose metronomic doxorubicin-elicited endothelial cell dysfunction through downregulation of VEGFR-2/3 expression. <i>Experimental and Molecular Medicine</i> , <b>2021</b> , 53, 1612-1622	12.8	1
237	Korean Red ginseng prevents endothelial senescence by downregulating the HO-1/NF- $\kappa$ B/miRNA-155-5p/eNOS pathway. <i>Journal of Ginseng Research</i> , <b>2021</b> , 45, 344-353	5.8	3
236	Human plasminogen-derived N-acetyl-Arg-Leu-Tyr-Glu antagonizes VEGFR-2 to prevent blood-retinal barrier breakdown in diabetic mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 134, 111110	7.5	2
235	Inhibition by the atypical antipsychotic risperidone of voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2020</b> , 874, 173027	5.3	5
234	Activity-expression profiling of glucose-6-phosphate dehydrogenase in tissues of normal and diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 524, 750-755	3.4	2
233	BMP4 and perivascular cells promote hematopoietic differentiation of human pluripotent stem cells in a differentiation stage-specific manner. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 56-65	12.8	5
232	Serodiagnostic antigens of <i>Clonorchis sinensis</i> identified and evaluated by high-throughput proteogenomics. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008998	4.8	2
231	Anti-metastatic effect of midazolam on melanoma B16F10 cells in the lungs of diabetic mice. <i>Biochemical Pharmacology</i> , <b>2020</b> , 178, 114052	6	3
230	Application of elastin-like biopolymer-conjugated C-peptide hydrogel for systemic long-term delivery against diabetic aortic dysfunction. <i>Acta Biomaterialia</i> , <b>2020</b> , 118, 32-43	10.8	9
229	The inhibitory effect of ziprasidone on voltage-dependent K channels in coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 529, 191-197	3.4	2
228	NF- $\kappa$ B-dependent miR-31/155 biogenesis is essential for TNF- $\alpha$ -induced impairment of endothelial progenitor cell function. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 1298-1309	12.8	2
227	Circulating miRNAs Associated with Dysregulated Vascular and Trophoblast Function as Target-Based Diagnostic Biomarkers for Preeclampsia. <i>Cells</i> , <b>2020</b> , 9,	7.9	11
226	The vicious cycle between transglutaminase 2 and reactive oxygen species in hyperglycemic memory-induced endothelial dysfunction. <i>FASEB Journal</i> , <b>2019</b> , 33, 12655-12667	0.9	16
225	Identification and characterization of Pv50, a novel <i>Plasmodium vivax</i> merozoite surface protein. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 176	4	0
224	Inhibition of parasite invasion by monoclonal antibody against epidermal growth factor-like domain of <i>Plasmodium vivax</i> merozoite surface protein 1 paralog. <i>Scientific Reports</i> , <b>2019</b> , 9, 3906	4.9	7
223	Bleomycin Inhibits Proliferation via Schlafen-Mediated Cell Cycle Arrest in Mouse Alveolar Epithelial Cells. <i>Tuberculosis and Respiratory Diseases</i> , <b>2019</b> , 82, 133-142	3.2	7

222	Inhibitory effect of immunosuppressive drug tacrolimus on voltage-gated K current in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2019</b> , 849, 59-66	5.3	2
221	NF-B-responsive miR-155 induces functional impairment of vascular smooth muscle cells by downregulating soluble guanylyl cyclase. <i>Experimental and Molecular Medicine</i> , <b>2019</b> , 51, 1-12	12.8	21
220	Proinsulin C-peptide prevents hyperglycemia-induced vascular leakage and metastasis of melanoma cells in the lungs of diabetic mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 750-762	0.9	13
219	Insulin prevents pulmonary vascular leakage by inhibiting transglutaminase 2 in diabetic mice. <i>Life Sciences</i> , <b>2019</b> , 233, 116711	6.8	5
218	Array-based Investigation of Amino Acids Responsible for Regulation of Transamidase and Kinase Activities of Transglutaminase 2. <i>Biochip Journal</i> , <b>2019</b> , 13, 251-259	4	3
217	Preventive Effects of Thermosensitive Biopolymer-Conjugated C-Peptide against High Glucose-Induced Endothelial Cell Dysfunction. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1900129	5.5	5
216	The anticholinergic drug oxybutynin inhibits voltage-dependent K channels in coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2019</b> , 46, 1030-1036	3	2
215	Dipeptidyl peptidase-4 inhibitor sitagliptin induces vasorelaxation via the activation of Kv channels and PKA. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 384, 114799	4.6	4
214	Perivascular Stem Cells Suppress Inflammasome Activation during Inflammatory Responses in Macrophages. <i>International Journal of Stem Cells</i> , <b>2019</b> , 12, 419-429	3	3
213	Arg-Leu-Tyr-Glu Suppresses Retinal Endothelial Permeability and Choroidal Neovascularization by Inhibiting the VEGF Receptor 2 Signaling Pathway. <i>Biomolecules and Therapeutics</i> , <b>2019</b> , 27, 474-483	4.2	4
212	N-Terminal Modification of the Tetrapeptide Arg-Leu-Tyr-Glu, a Vascular Endothelial Growth Factor Receptor-2 (VEGFR-2) Antagonist, Improves Antitumor Activity by Increasing its Stability against Serum Peptidases. <i>Molecular Pharmacology</i> , <b>2019</b> , 96, 692-701	4.3	5
211	Evaluation of antibody responses to the early transcribed membrane protein family in Plasmodium vivax. <i>Parasites and Vectors</i> , <b>2019</b> , 12, 594	4	1
210	Vildagliptin, an Anti-diabetic Drug of the DPP-4 Inhibitor, Induces Vasodilation via Kv Channel and SERCA Pump Activation in Aortic Smooth Muscle. <i>Cardiovascular Toxicology</i> , <b>2019</b> , 19, 244-254	3.4	4
209	Estimation on local transmission of malaria by serological approach under low transmission setting in Myanmar. <i>Malaria Journal</i> , <b>2018</b> , 17, 6	3.6	5
208	On-chip dual enzyme activity assay to investigate regulation of the transamidase and kinase activities of transglutaminase 2. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1027, 92-100	6.6	4
207	Inhibitory effect of the tricyclic antidepressant amitriptyline on voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2018</b> , 45, 205-212	3	8
206	The vasorelaxant effect of antidiabetic drug nateglinide via activation of voltage-dependent K channels in aortic smooth muscle. <i>Cardiovascular Therapeutics</i> , <b>2018</b> , 36, e12299	3.3	2
205	Plasmodium vivax Merozoite Surface Protein 1 Paralog as a Mediator of Parasite Adherence to Reticulocytes. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	10

204	REDD-1 aggravates endotoxin-induced inflammation via atypical NF- $\kappa$ B activation. <i>FASEB Journal</i> , <b>2018</b> , 32, 4585-4599	0.9	13
203	Inhibition of the voltage-dependent K current by the class Ic antiarrhythmic drug flecainide in rabbit coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2018</b> , 45, 1286-1292	3	2
202	TNF- $\alpha$ elicits phenotypic and functional alterations of vascular smooth muscle cells by miR-155-5p-dependent down-regulation of cGMP-dependent kinase 1. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 14812-14822	5.4	22
201	High-throughput investigation of transglutaminase 2 kinase regulation using a novel cysteine-modified peptide array. <i>Analytical Biochemistry</i> , <b>2018</b> , 559, 62-70	3.1	2
200	The benzodiazepine anesthetic midazolam prevents hyperglycemia-induced microvascular leakage in the retinas of diabetic mice. <i>FASEB Journal</i> , <b>2018</b> , 32, fj201800014RR	0.9	10
199	Inhibition of MicroRNA-221 and 222 Enhances Hematopoietic Differentiation from Human Pluripotent Stem Cells via c-KIT Upregulation. <i>Molecules and Cells</i> , <b>2018</b> , 41, 971-978	3.5	6
198	Perivascular Cells and NADPH Oxidase Inhibition Partially Restore Hyperglycemia-Induced Alterations in Hematopoietic Stem Cell and Myeloid-Derived Suppressor Cell Populations in the Bone Marrow. <i>International Journal of Stem Cells</i> , <b>2018</b> , 12, 63-72	3	8
197	Inhibition of the Voltage-Dependent K Current by the Tricyclic Antidepressant Desipramine in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Cardiovascular Toxicology</i> , <b>2018</b> , 18, 252-260	3.4	4
196	NF- $\kappa$ B-responsive miRNA-31-5p elicits endothelial dysfunction associated with preeclampsia via down-regulation of endothelial nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 18989-19000	5.4	43
195	Heme oxygenase metabolites improve astrocytic mitochondrial function via a Ca <sup>2+</sup> -dependent HIF-1 $\alpha$ /ERR $\alpha$ circuit. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202039	3.7	17
194	Alterations of ATP-sensitive K channels in human umbilical arterial smooth muscle during gestational diabetes mellitus. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2018</b> , 470, 1325-1333	4.6	5
193	Blockade of voltage-dependent K current in rabbit coronary arterial smooth muscle cells by the tricyclic antidepressant clomipramine. <i>Journal of Pharmacological Sciences</i> , <b>2018</b> , 137, 61-66	3.7	3
192	The selective serotonin reuptake inhibitor dapoxetine inhibits voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2017</b> , 44, 480-487	3	7
191	Aspirin prevents TNF- $\alpha$ -induced endothelial cell dysfunction by regulating the NF- $\kappa$ B-dependent miR-155/eNOS pathway: Role of a miR-155/eNOS axis in preeclampsia. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 104, 185-198	7.8	76
190	Variable number of tandem repeats of 9 Plasmodium vivax genes among Southeast Asian isolates. <i>Acta Tropica</i> , <b>2017</b> , 170, 161-168	3.2	1
189	Effects of clustered regularly interspaced short palindromic repeat (CRISPR)/CRISPR-associated (Cas) protein 9 system-Based Deletion of miR-451 in Mouse Embryonic Stem Cells on Their Self-Renewal and Hematopoietic Differentiation. <i>Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 14, 179-185	4.5	1
188	Systematic investigation of protein kinase A substrate proteins using on-chip protein kinase kinetic profiling. <i>Analyst, The</i> , <b>2017</b> , 142, 2239-2246	5	0
187	In situ PKA activity assay by selective detection of its catalytic subunit using antibody arrays. <i>Biochip Journal</i> , <b>2017</b> , 11, 57-66	4	1

186	A miRNA-101-3p/Bim axis as a determinant of serum deprivation-induced endothelial cell apoptosis. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2808	9.8	26
185	Escitalopram, a selective serotonin reuptake inhibitor, inhibits voltage-dependent K channels in coronary arterial smooth muscle cells. <i>Korean Journal of Physiology and Pharmacology</i> , <b>2017</b> , 21, 415-421	1.8	11
184	Immunogenicity of glycosylphosphatidylinositol-anchored micronemal antigen in natural <i>Plasmodium vivax</i> exposure. <i>Malaria Journal</i> , <b>2017</b> , 16, 348	3.6	10
183	Nortriptyline, a tricyclic antidepressant, inhibits voltage-dependent K channels in coronary arterial smooth muscle cells. <i>Korean Journal of Physiology and Pharmacology</i> , <b>2017</b> , 21, 225-232	1.8	12
182	Paracrine influence of human perivascular cells on the proliferation of adenocarcinoma alveolar epithelial cells. <i>Korean Journal of Physiology and Pharmacology</i> , <b>2017</b> , 21, 161-168	1.8	2
181	The vasorelaxant effect of mitiglinide via activation of voltage-dependent K channels and SERCA pump in aortic smooth muscle. <i>Life Sciences</i> , <b>2017</b> , 188, 1-9	6.8	5
180	The caspase-8/Bid/cytochrome c axis links signals from death receptors to mitochondrial reactive oxygen species production. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 112, 567-577	7.8	31
179	The PPAR $\alpha$ activator fenofibrate inhibits voltage-dependent K channels in rabbit coronary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2017</b> , 812, 155-162	5.3	3
178	Cysteamine prevents vascular leakage through inhibiting transglutaminase in diabetic retina. <i>Journal of Endocrinology</i> , <b>2017</b> , 235, 39-48	4.7	10
177	Identification of a novel merozoite surface antigen of <i>Plasmodium vivax</i> , PvMSA180. <i>Malaria Journal</i> , <b>2017</b> , 16, 133	3.6	10
176	Naturally acquired humoral and cellular immune responses to <i>Plasmodium vivax</i> merozoite surface protein 8 in patients with <i>P. vivax</i> infection. <i>Malaria Journal</i> , <b>2017</b> , 16, 211	3.6	15
175	Carbon Monoxide Potentiation of L-Type Ca Channel Activity Increases HIF-1 $\alpha$ -Independent VEGF Expression via an AMPK/SIRT1-Mediated PGC-1 $\alpha$ /ERR $\alpha$ Axis. <i>Antioxidants and Redox Signaling</i> , <b>2017</b> , 27, 21-36	8.4	31
174	Carbon monoxide prevents TNF- $\alpha$ -induced eNOS downregulation by inhibiting NF- $\kappa$ B-responsive miR-155-5p biogenesis. <i>Experimental and Molecular Medicine</i> , <b>2017</b> , 49, e403	12.8	34
173	Gestational Diabetes Affects the Growth and Functions of Perivascular Stem Cells. <i>Molecules and Cells</i> , <b>2017</b> , 40, 434-439	3.5	9
172	Arg-Leu-Tyr-Glu tetrapeptide inhibits tumor progression by suppressing angiogenesis and vascular permeability via VEGF receptor-2 antagonism. <i>Oncotarget</i> , <b>2017</b> , 8, 11763-11777	3.3	8
171	Heme oxygenase-1 (HO-1)/carbon monoxide (CO) axis suppresses RANKL-induced osteoclastic differentiation by inhibiting redox-sensitive NF- $\kappa$ B activation. <i>BMB Reports</i> , <b>2017</b> , 50, 103-108	5.5	20
170	Cisapride, a selective serotonin 5-HT $_4$ -receptor agonist, inhibits voltage-dependent K(+) channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 1423-8	3.4	3
169	C-peptide protects against hyperglycemic memory and vascular endothelial cell apoptosis. <i>Journal of Endocrinology</i> , <b>2016</b> , 231, 97-108	4.7	12

168	Y-27632, a Rho-Associated Protein Kinase Inhibitor, Inhibits Voltage-Dependent K <sup>+</sup> Channels in Rabbit Coronary Arterial Smooth Muscle Cells. <i>Pharmacology</i> , <b>2016</b> , 98, 220-227	2.3	7
167	The anti-diabetic drug repaglinide induces vasorelaxation via activation of PKA and PKG in aortic smooth muscle. <i>Vascular Pharmacology</i> , <b>2016</b> , 84, 38-46	5.9	8
166	Plasmodium vivax GPI-anchored micronemal antigen (PvGAMA) binds human erythrocytes independent of Duffy antigen status. <i>Scientific Reports</i> , <b>2016</b> , 6, 35581	4.9	18
165	Identification of a reticulocyte-specific binding domain of Plasmodium vivax reticulocyte-binding protein 1 that is homologous to the PfRh4 erythrocyte-binding domain. <i>Scientific Reports</i> , <b>2016</b> , 6, 26993	4.9	26
164	The class III anti-arrhythmic agent, amiodarone, inhibits voltage-dependent K(+) channels in rabbit coronary arterial smooth muscle cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2016</b> , 389, 713-714	3.4	9
163	Real-time monitoring of glucose-6-phosphate dehydrogenase activity using liquid droplet arrays and its application to human plasma samples. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 930-7	11.8	6
162	Sensitive array-based assay for determination of serological protein kinase A autoantibody levels based on its antigen protein activation. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 127-31	3.5	7
161	Enhancing the developmental competence of the early embryo using secretory leukocyte peptidase inhibitor. <i>Differentiation</i> , <b>2016</b> , 92, 24-34	3.5	1
160	Characterization of Pv92, a Novel Merozoite Surface Protein of Plasmodium vivax. <i>Korean Journal of Parasitology</i> , <b>2016</b> , 54, 385-91	1.7	3
159	Characterization of Caveola-Vesicle Complexes (CVCs) Protein, PHIST/CVC-81 in. <i>Korean Journal of Parasitology</i> , <b>2016</b> , 54, 725-732	1.7	3
158	Alterations of voltage-dependent K(+) channels in the mesenteric artery during the early and chronic phases of diabetes. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2016</b> , 43, 808-17	3	7
157	Improved hematopoietic differentiation of human pluripotent stem cells via estrogen receptor signaling pathway. <i>Cell and Bioscience</i> , <b>2016</b> , 6, 50	9.8	13
156	Essential Role of Transglutaminase 2 in Vascular Endothelial Growth Factor-Induced Vascular Leakage in the Retina of Diabetic Mice. <i>Diabetes</i> , <b>2016</b> , 65, 2414-28	0.9	30
155	Identification of transglutaminase 2 kinase substrates using a novel on-chip activity assay. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 82, 40-8	11.8	5
154	Functional characteristics of mesenchymal stem cells derived from the adipose tissue of a patient with achondroplasia. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2016</b> , 52, 545-54	2.6	3
153	Array-Based High-Throughput Analysis of Silk-Elastinlike Protein Polymer Degradation and C-Peptide Release by Proteases. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5398-405	7.8	6
152	Carbon monoxide stimulates astrocytic mitochondrial biogenesis via L-type Ca channel-mediated PGC-1 $\alpha$ /ERR $\alpha$ activation. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 479, 297-304	3.4	29
151	C-reactive protein as a parameter for defining normal blood samples in identification and evaluation of serological biomarkers. <i>Biochip Journal</i> , <b>2015</b> , 9, 35-43	4	5

150	Specific activation of insulin-like growth factor-1 receptor by ginsenoside Rg5 promotes angiogenesis and vasorelaxation. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 467-77	5.4	34
149	Immunoprofiling of the tryptophan-rich antigen family in Plasmodium vivax. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3083-95	3.7	16
148	The tetrapeptide Arg-Leu-Tyr-Glu inhibits VEGF-induced angiogenesis. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 463, 532-7	3.4	7
147	p-Hydroxybenzyl alcohol-containing biodegradable nanoparticle improves functional blood flow through angiogenesis in a mouse model of hindlimb ischemia. <i>Biomaterials</i> , <b>2015</b> , 53, 679-87	15.6	31
146	A peptide array-based serological protein kinase A activity assay and its application in cancer diagnosis. <i>Analyst, The</i> , <b>2015</b> , 140, 6588-94	5	9
145	The Effects of Heme Oxygenase By-Products on the Proliferation and Invasion of HUVECs, HTR-8/SVneo Cells, 3A(tPA 30-1) Cells, and HESCs Under Varying Oxygen Concentrations. <i>Reproductive Sciences</i> , <b>2015</b> , 22, 1530-8	3	4
144	Proinsulin C-peptide prevents impaired wound healing by activating angiogenesis in diabetes. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 269-278	4.3	42
143	Lipopolysaccharide induction of REDD1 is mediated by two distinct CREB-dependent mechanisms in macrophages. <i>FEBS Letters</i> , <b>2015</b> , 589, 2859-65	3.8	11
142	Dammarenediol-II Prevents VEGF-Mediated Microvascular Permeability in Diabetic Mice. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 1910-6	6.7	4
141	Antigenicity and immunogenicity of PvRALP1, a novel Plasmodium vivax rhoptry neck protein. <i>Malaria Journal</i> , <b>2015</b> , 14, 186	3.6	7
140	Protein arrays for quantitative enzymatic profiling and serodiagnosis. <i>Biochip Journal</i> , <b>2015</b> , 9, 269-277	4	7
139	Characterization of Plasmodium vivax Early Transcribed Membrane Protein 11.2 and Exported Protein 1. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127500	3.7	3
138	Functional role of NF- $\kappa$ B in expression of human endothelial nitric oxide synthase. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 448, 101-7	3.4	58
137	Hypoxia-responsive microRNA-101 promotes angiogenesis via heme oxygenase-1/vascular endothelial growth factor axis by targeting cullin 3. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 21, 2469-82	8.4	69
136	Multiple paracrine factors secreted by mesenchymal stem cells contribute to angiogenesis. <i>Vascular Pharmacology</i> , <b>2014</b> , 63, 19-28	5.9	105
135	Profiling the humoral immune responses to Plasmodium vivax infection and identification of candidate immunogenic rhoptry-associated membrane antigen (RAMA). <i>Journal of Proteomics</i> , <b>2014</b> , 102, 66-82	3.9	48
134	C-peptide replacement therapy as an emerging strategy for preventing diabetic vasculopathy. <i>Cardiovascular Research</i> , <b>2014</b> , 104, 234-44	9.9	48
133	Prevention of VEGF-mediated microvascular permeability by C-peptide in diabetic mice. <i>Cardiovascular Research</i> , <b>2014</b> , 101, 155-64	9.9	47

132	TRAIL negatively regulates VEGF-induced angiogenesis via caspase-8-mediated enzymatic and non-enzymatic functions. <i>Angiogenesis</i> , <b>2014</b> , 17, 179-94	10.6	30
131	Comparative characterization of direct and indirect substrate probes for on-chip transamidating activity assay of transglutaminases. <i>Journal of Biotechnology</i> , <b>2013</b> , 168, 324-30	3.7	4
130	Aqueous extract of unripe <i>Rubus coreanus</i> fruit attenuates atherosclerosis by improving blood lipid profile and inhibiting NF- $\kappa$ B activation via phase II gene expression. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 146, 515-24	5	21
129	Serological responses to a soluble recombinant chimeric <i>Plasmodium vivax</i> circumsporozoite protein in VK210 and VK247 population. <i>Malaria Journal</i> , <b>2013</b> , 12, 323	3.6	9
128	Microfluidic sorting of fluorescently activated cells depending on gene expression level. <i>Electrophoresis</i> , <b>2013</b> , 34, 3103-10	3.6	4
127	C-peptide prevents hyperglycemia-induced endothelial apoptosis through inhibition of reactive oxygen species-mediated transglutaminase 2 activation. <i>Diabetes</i> , <b>2013</b> , 62, 243-53	0.9	84
126	The <i>Plasmodium vivax</i> merozoite surface protein 1 paralog is a novel erythrocyte-binding ligand of <i>P. vivax</i> . <i>Infection and Immunity</i> , <b>2013</b> , 81, 1585-95	3.7	33
125	C-peptide activates AMPK and prevents ROS-mediated mitochondrial fission and endothelial apoptosis in diabetes. <i>Diabetes</i> , <b>2013</b> , 62, 3851-62	0.9	115
124	Extracellular taurine induces angiogenesis by activating ERK-, Akt-, and FAK-dependent signal pathways. <i>European Journal of Pharmacology</i> , <b>2012</b> , 674, 188-99	5.3	28
123	Quantitative kinetics of proteolytic enzymes determined by a surface concentration-based assay using peptide arrays. <i>Analyst, The</i> , <b>2012</b> , 137, 3814-20	5	13
122	Normalization using a tagged-internal standard assay for analysis of antibody arrays and the evaluation of serological biomarkers for liver disease. <i>Analytica Chimica Acta</i> , <b>2012</b> , 718, 92-8	6.6	8
121	Differential effects of substrate-analogue inhibitors on nitric oxide synthase dimerization. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 418, 49-55	3.4	10
120	Monitoring of proteolytic enzyme activity using phase transition-based peptide arrays. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 36, 147-53	11.8	9
119	Functional dissection of Nrf2-dependent phase II genes in vascular inflammation and endotoxic injury using Keap1 siRNA. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 629-40	7.8	43
118	New insights into the mechanisms for photodynamic therapy-induced cancer cell death. <i>International Review of Cell and Molecular Biology</i> , <b>2012</b> , 295, 139-74	6	90
117	Pv12, a 6-Cys antigen of <i>Plasmodium vivax</i> , is localized to the merozoite rhoptry. <i>Parasitology International</i> , <b>2012</b> , 61, 443-9	2.1	31
116	Characterization of TAMRA- and biotin-conjugated peptide arrays for on-chip matrix metalloproteinase activity assay. <i>Biochip Journal</i> , <b>2012</b> , 6, 307-313	4	3
115	Ginseng Berry Extract Prevents Atherogenesis via Anti-Inflammatory Action by Upregulating Phase II Gene Expression. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 490301	2.3	34



114	Integrative proteomic profiling of protein activity and interactions using protein arrays. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 1167-76	7.6	12
113	Syringaresinol causes vasorelaxation by elevating nitric oxide production through the phosphorylation and dimerization of endothelial nitric oxide synthase. <i>Experimental and Molecular Medicine</i> , <b>2012</b> , 44, 191-201	12.8	39
112	Kurarinone promotes TRAIL-induced apoptosis by inhibiting NF- $\kappa$ B-dependent cFLIP expression in HeLa cells. <i>Experimental and Molecular Medicine</i> , <b>2012</b> , 44, 653-64	12.8	27
111	Transglutaminase 2 promotes both caspase-dependent and caspase-independent apoptotic cell death via the calpain/Bax protein signaling pathway. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 14377-88 <sup>5.4</sup>	5.4	30
110	Tetraspanin CD151 stimulates adhesion-dependent activation of Ras, Rac, and Cdc42 by facilitating molecular association between $\beta$ integrins and small GTPases. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 32027-39	5.4	45
109	Fucosylated glycoproteomic approach to identify a complement component 9 associated with squamous cell lung cancer (SQLC). <i>Journal of Proteomics</i> , <b>2011</b> , 74, 2948-58	3.9	29
108	Cellular responses to chlorin-based photosensitizer DH-II-24 under darkness in human gastric adenocarcinoma AGS cells. <i>Cancer Science</i> , <b>2011</b> , 102, 549-56	6.9	3
107	Extracellular ultrathin fibers sensitive to intracellular reactive oxygen species: formation of intercellular membrane bridges. <i>Experimental Cell Research</i> , <b>2011</b> , 317, 1763-73	4.2	7
106	Measurement of naturally acquired humoral immune responses against the C-terminal region of the Plasmodium vivax MSP1 protein using protein arrays. <i>Parasitology Research</i> , <b>2011</b> , 109, 1259-66	2.4	22
105	Differential cytotoxic responses to low- and high-dose photodynamic therapy in human gastric and bladder cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2011</b> , 112, 3061-71	4.7	24
104	Rapid determination of blood coagulation factor XIII activity using protein arrays for serodiagnosis of human plasma. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 2317-23	7.8	21
103	Simultaneous activity assay of two transglutaminase isozymes, blood coagulation factor XIII and transglutaminase 2, by use of fibrinogen arrays. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 8718-24	7.8	10
102	Propofol and aminophylline antagonize each other during the mobilization of intracellular calcium in human umbilical vein endothelial cells. <i>Journal of Korean Medical Science</i> , <b>2010</b> , 25, 1222-7	4.7	1
101	Cyclic AMP prolongs graft survival by suppressing apoptosis and inflammatory gene expression in acute cardiac allograft rejection. <i>Experimental and Molecular Medicine</i> , <b>2010</b> , 42, 69-79	12.8	12
100	Molecular imaging of membrane proteins and microfilaments using atomic force microscopy. <i>Experimental and Molecular Medicine</i> , <b>2010</b> , 42, 597-605	12.8	15
99	The farnesyltransferase inhibitor LB42708 suppresses vascular endothelial growth factor-induced angiogenesis by inhibiting ras-dependent mitogen-activated protein kinase and phosphatidylinositol 3-kinase/Akt signal pathways. <i>Molecular Pharmacology</i> , <b>2010</b> , 78, 142-50	4.3	24
98	Carbon monoxide promotes VEGF expression by increasing HIF-1 $\alpha$ protein level via two distinct mechanisms, translational activation and stabilization of HIF-1 $\alpha$ protein. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 32116-25	5.4	108
97	Angiogenic activity of sesamin through the activation of multiple signal pathways. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 391, 254-60	3.4	37

96	Immunoproteomics profiling of blood stage Plasmodium vivax infection by high-throughput screening assays. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 6479-89	5.6	89
95	Rapid analysis of matrix metalloproteinase-3 activity by gelatin arrays using a spectral surface plasmon resonance biosensor. <i>Analyst, The</i> , <b>2010</b> , 135, 1050-7	5	21
94	Transglutaminase 2: a multi-functional protein in multiple subcellular compartments. <i>Amino Acids</i> , <b>2010</b> , 39, 619-31	3.5	115
93	On-chip assay of matrix metalloproteinase-3 activity using fluorescence-conjugated gelatin arrays. <i>Biochip Journal</i> , <b>2010</b> , 4, 210-216	4	6
92	Nestin is required for the proper self-renewal of neural stem cells. <i>Stem Cells</i> , <b>2010</b> , 28, 2162-71	5.8	223
91	Promotion of direct angiogenesis in vitro and in vivo by Puerariae flos extract via activation of MEK/ERK-, PI3K/Akt/eNOS-, and Src/FAK-dependent pathways. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 934-40	6.7	18
90	Forskolin increases angiogenesis through the coordinated cross-talk of PKA-dependent VEGF expression and Epac-mediated PI3K/Akt/eNOS signaling. <i>Cellular Signalling</i> , <b>2009</b> , 21, 906-15	4.9	93
89	Desmethylanhidroicaritin inhibits NF-kappaB-regulated inflammatory gene expression by modulating the redox-sensitive PI3K/PTEN/Akt pathway. <i>European Journal of Pharmacology</i> , <b>2009</b> , 602, 422-31	5.3	30
88	Quantitative and rapid analysis of transglutaminase activity using protein arrays in mammalian cells. <i>Molecules and Cells</i> , <b>2009</b> , 27, 337-43	3.5	14
87	Identification and ultrastructural imaging of photodynamic therapy-induced microfilaments by atomic force microscopy. <i>Ultramicroscopy</i> , <b>2009</b> , 109, 1428-34	3.1	19
86	Co-localization of inducible nitric oxide synthase and phosphorylated Akt in the lesional skins of patients with melasma. <i>Journal of Dermatology</i> , <b>2009</b> , 36, 10-6	1.6	33
85	Antitumor effect of photodynamic therapy with chlorin-based photosensitizer DH-II-24 in colorectal carcinoma. <i>Cancer Science</i> , <b>2009</b> , 100, 2431-6	6.9	19
84	Label-free and quantitative analysis of C-reactive protein in human sera by tagged-internal standard assay on antibody arrays. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 24, 1469-73	11.8	30
83	A novel array-based assay of in situ tissue transglutaminase activity in human umbilical vein endothelial cells. <i>Analytical Biochemistry</i> , <b>2009</b> , 394, 217-22	3.1	10
82	Regulation of intracellular Ca <sup>2+</sup> in the cytotoxic response to photodynamic therapy with a chlorin-based photosensitizer. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2009</b> , 13, 811-817	1.8	6
81	Array-based spectral SPR biosensor: analysis of mumps virus infection. <i>Methods in Molecular Biology</i> , <b>2009</b> , 503, 37-47	1.4	4
80	The non-provitamin A carotenoid, lutein, inhibits NF-kappaB-dependent gene expression through redox-based regulation of the phosphatidylinositol 3-kinase/PTEN/Akt and NF-kappaB-inducing kinase pathways: role of H <sub>2</sub> O <sub>2</sub> in NF-kappaB activation. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 885-96	7.8	198
79	CT20126, a novel immunosuppressant, prevents collagen-induced arthritis through the down-regulation of inflammatory gene expression by inhibiting NF-kappaB activation. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 79-90	6	12

78	Icariin stimulates angiogenesis by activating the MEK/ERK- and PI3K/Akt/eNOS-dependent signal pathways in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 376, 404-8	3.4	134
77	Microscopic technique for the detection of nitric oxide-dependent angiogenesis in an animal model. <i>Methods in Enzymology</i> , <b>2008</b> , 441, 393-402	1.7	15
76	Detection and measurement for the modification and inactivation of caspase by nitrosative stress in vitro and in vivo. <i>Methods in Enzymology</i> , <b>2008</b> , 441, 317-27	1.7	11
75	Quantum-dot-assisted fluorescence resonance energy transfer approach for intracellular trafficking of chitosan/DNA complex. <i>Acta Biomaterialia</i> , <b>2008</b> , 4, 791-8	10.8	28
74	Analysis of protein arrays with a dual-function SPR biosensor composed of surface plasmon microscopy and SPR spectroscopy based on white light. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 129, 113-119	8.5	11
73	Development of a scanning surface plasmon microscope based on white light for analysis of a wide range of protein arrays. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 131, 241-246	8.5	5
72	Polymeric optical microscreen for high-resolution surface plasmon resonance microarray imaging. <i>Langmuir</i> , <b>2007</b> , 23, 10403-6	4	2
71	Gene Expression Profile of Lung Cancer Cells Following Photodynamic Therapy. <i>Tuberculosis and Respiratory Diseases</i> , <b>2007</b> , 63, 52	3.2	
70	Analysis of blood proteins on protein arrays with a spectral surface plasmon resonance biosensor. <i>Current Applied Physics</i> , <b>2007</b> , 7, 102-107	2.6	7
69	Colchicine-derived compound CT20126 promotes skin allograft survival by regulating the balance of Th1 and Th2 cytokine production. <i>Experimental and Molecular Medicine</i> , <b>2007</b> , 39, 230-8	12.8	9
68	Mechanisms underlying TGF-beta1-induced expression of VEGF and Flk-1 in mouse macrophages and their implications for angiogenesis. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 557-66	6.5	105
67	Water extract of Korean red ginseng stimulates angiogenesis by activating the PI3K/Akt-dependent ERK1/2 and eNOS pathways in human umbilical vein endothelial cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2007</b> , 30, 1674-9	2.3	70
66	Analysis of C-reactive protein on amide-linked N-hydroxysuccinimide-dextran arrays with a spectral surface plasmon resonance biosensor for serodiagnosis. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 5703-10	7.8	28
65	Sensitivity enhancement of spectral surface plasmon resonance biosensors for the analysis of protein arrays. <i>European Biophysics Journal</i> , <b>2006</b> , 35, 469-76	1.9	21
64	4-O-methylgallic acid down-regulates endothelial adhesion molecule expression by inhibiting NF-kappaB-DNA-binding activity. <i>European Journal of Pharmacology</i> , <b>2006</b> , 551, 143-51	5.3	22
63	Fractalkine stimulates angiogenesis by activating the Raf-1/MEK/ERK- and PI3K/Akt/eNOS-dependent signal pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2006</b> , 291, H2836-46	5.2	144
62	4-O-Methylgallic acid suppresses inflammation-associated gene expression by inhibition of redox-based NF-kappaB activation. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 1597-608	5.8	45
61	Development of Protein Chip for Diagnosis of Chlamydia Pneumoniae. <i>Tuberculosis and Respiratory Diseases</i> , <b>2006</b> , 60, 412	3.2	

60	High-throughput analysis of GST-fusion protein expression and activity-dependent protein interactions on GST-fusion protein arrays with a spectral surface plasmon resonance biosensor. <i>Proteomics</i> , <b>2006</b> , 6, 1110-20	4.8	36
59	High-throughput analysis of mumps virus and the virus-specific monoclonal antibody on the arrays of a cationic polyelectrolyte with a spectral SPR biosensor. <i>Proteomics</i> , <b>2006</b> , 6, 6426-32	4.8	23
58	Dexamethasone protects primary cultured hepatocytes from death receptor-mediated apoptosis by upregulation of cFLIP. <i>Cell Death and Differentiation</i> , <b>2006</b> , 13, 512-23	12.7	48
57	Analysis of protein interactions on protein arrays by a novel spectral surface plasmon resonance imaging. <i>Biosensors and Bioelectronics</i> , <b>2006</b> , 21, 1521-8	11.8	56
56	Oriented immobilization of antibodies by a self-assembled monolayer of 2-(biotinamido)ethanethiol for immunoarray preparation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2006</b> , 47, 107-11	6	17
55	Application of spectral SPR imaging for the surface analysis of C-reactive protein binding. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 119, 673-675	8.5	17
54	[Ca(2+)]-dependent generation of intracellular reactive oxygen species mediates maitotoxin-induced cellular responses in human umbilical vein endothelial cells. <i>Molecules and Cells</i> , <b>2006</b> , 21, 121-8	3.5	13
53	Amiloride potentiates TRAIL-induced tumor cell apoptosis by intracellular acidification-dependent Akt inactivation. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 326, 752-8	3.4	22
52	COX-2 regulates p53 activity and inhibits DNA damage-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 328, 1107-12	3.4	47
51	Regulation of tissue transglutaminase by prolonged increase of intracellular Ca <sup>2+</sup> , but not by initial peak of transient Ca <sup>2+</sup> increase. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 337, 655-62	3.4	14
50	Sensitivity of ex situ and in situ spectral surface plasmon resonance sensors in the analysis of protein arrays. <i>Biosensors and Bioelectronics</i> , <b>2005</b> , 20, 2189-96	11.8	24
49	DNA looping-mediated repression by histone-like protein H-NS: specific requirement of Esigma70 as a cofactor for looping. <i>Genes and Development</i> , <b>2005</b> , 19, 2388-98	12.6	112
48	Proteomic applications of surface plasmon resonance biosensors: analysis of protein arrays. <i>Experimental and Molecular Medicine</i> , <b>2005</b> , 37, 1-10	12.8	56
47	Prostaglandin E2 stimulates angiogenesis by activating the nitric oxide/cGMP pathway in human umbilical vein endothelial cells. <i>Experimental and Molecular Medicine</i> , <b>2005</b> , 37, 588-600	12.8	92
46	Downstream components of RhoA required for signal pathway of superoxide formation during phagocytosis of serum opsonized zymosans in macrophages. <i>Experimental and Molecular Medicine</i> , <b>2005</b> , 37, 575-87	12.8	27
45	beta-Carotene inhibits inflammatory gene expression in lipopolysaccharide-stimulated macrophages by suppressing redox-based NF-kappaB activation. <i>Experimental and Molecular Medicine</i> , <b>2005</b> , 37, 323-34	12.8	171
44	COX-2 inhibits anoikis by activation of the PI-3K/Akt pathway in human bladder cancer cells. <i>Experimental and Molecular Medicine</i> , <b>2005</b> , 37, 199-203	12.8	23
43	Nitric oxide inhibition of homocysteine-induced human endothelial cell apoptosis by down-regulation of p53-dependent Noxa expression through the formation of S-nitrosomethionine. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 5781-8	5.4	60

42	Surface Plasmon Resonance Intensity in Ex Situ Analysis of Protein Arrays Using a Wavelength Interrogation-Based Surface Plasmon Resonance Sensor. <i>Japanese Journal of Applied Physics</i> , <b>2004</b> , 43, 2756-2760	1.4	5
41	Inhibition of farnesyltransferase prevents collagen-induced arthritis by down-regulation of inflammatory gene expression through suppression of p21(ras)-dependent NF-kappaB activation. <i>Journal of Immunology</i> , <b>2004</b> , 173, 1276-83	5.3	34
40	Nitric oxide suppresses inducible nitric oxide synthase expression by inhibiting post-translational modification of I kappa B. <i>Experimental and Molecular Medicine</i> , <b>2004</b> , 36, 311-24	12.8	53
39	Serum bioactive lysophospholipids prevent TRAIL-induced apoptosis via PI3K/Akt-dependent cFLIP expression and Bad phosphorylation. <i>Cell Death and Differentiation</i> , <b>2004</b> , 11, 1287-98	12.7	67
38	Small interfering RNA (siRNA) targeted to Smad3 inhibits transforming growth factor-beta signaling. <i>Biotechnology Letters</i> , <b>2004</b> , 26, 699-703	3	7
37	Analysis of protein interactions on protein arrays by a wavelength interrogation-based surface plasmon resonance biosensor. <i>Proteomics</i> , <b>2004</b> , 4, 3468-76	4.8	41
36	Arachidonic acid activates tissue transglutaminase and stress fiber formation via intracellular reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 325, 819-26	3.4	24
35	COX-2 Regulates the insulin-like growth factor I-induced potentiation of Zn(2+)-toxicity in primary cortical culture. <i>Molecular Pharmacology</i> , <b>2004</b> , 66, 368-76	4.3	15
34	Protective role of tissue transglutaminase in the cell death induced by TNF-alpha in SH-SY5Y neuroblastoma cells. <i>BMB Reports</i> , <b>2004</b> , 37, 185-91	5.5	13
33	Methanol extract of Cordyceps pruinosa inhibits in vitro and in vivo inflammatory mediators by suppressing NF-kappaB activation. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 190, 1-8	4.6	79
32	Characterization of surface plasmon resonance wavelength by changes of protein concentration on protein chips. <i>Sensors and Actuators B: Chemical</i> , <b>2003</b> , 94, 161-164	8.5	29
31	Activation of in situ tissue transglutaminase by intracellular reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 305, 633-40	3.4	57
30	Nitric oxide prevents 6-hydroxydopamine-induced apoptosis in PC12 cells through cGMP-dependent PI3 kinase/Akt activation. <i>FASEB Journal</i> , <b>2003</b> , 17, 1036-47	0.9	139
29	Investigation of selective protein immobilization on charged protein array by wavelength interrogation-based SPR sensor. <i>Molecules and Cells</i> , <b>2003</b> , 15, 333-40	3.5	8
28	Astaxanthin inhibits nitric oxide production and inflammatory gene expression by suppressing I(kappa)B kinase-dependent NF-kappaB activation. <i>Molecules and Cells</i> , <b>2003</b> , 16, 97-105	3.5	161
27	Agonist-specific differential changes of cellular signal transduction pathways in senescent human diploid fibroblasts. <i>Experimental Gerontology</i> , <b>2002</b> , 37, 871-83	4.5	44
26	Regulation of reactive oxygen species and stress fiber formation by calpeptin in Swiss 3T3 fibroblasts. <i>Cellular Signalling</i> , <b>2002</b> , 14, 205-10	4.9	4
25	Proteome analysis of aniline-induced proteins in Acinetobacter lwoffii K24. <i>Current Microbiology</i> , <b>2002</b> , 44, 61-6	2.4	33

24	Nitric oxide (NO) pretreatment increases cytokine-induced NO production in cultured rat hepatocytes by suppressing GTP cyclohydrolase I feedback inhibitory protein level and promoting inducible NO synthase dimerization. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 47073-9	5.4	15
23	The Ring-H2 finger motif of CKBBP1/SAG is necessary for interaction with protein kinase CKII and optimal cell proliferation. <i>BMB Reports</i> , <b>2002</b> , 35, 629-36	5.5	3
22	One micrometer resolution NMR microscopy. <i>Journal of Magnetic Resonance</i> , <b>2001</b> , 150, 207-13	3	112
21	Real-time measurement of intracellular reactive oxygen species using Mito tracker orange (CMH2TMRos). <i>Bioscience Reports</i> , <b>2001</b> , 21, 341-52	4.1	25
20	The role of tissue transglutaminase in the germinal vesicle breakdown of mouse oocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 286, 229-34	3.4	13
19	Involvement of phospholipase D in oxidative stress-induced necrosis of vascular smooth muscle cells. <i>FEBS Letters</i> , <b>2001</b> , 508, 277-81	3.8	7
18	Involvement of cytosolic phospholipase A2, and the subsequent release of arachidonic acid, in signalling by Rac for the generation of intracellular reactive oxygen species in Rat-2 fibroblasts. <i>Biochemical Journal</i> , <b>2000</b> , 348, 525	3.8	19
17	Involvement of cytosolic phospholipase A2, and the subsequent release of arachidonic acid, in signalling by Rac for the generation of intracellular reactive oxygen species in Rat-2 fibroblasts. <i>Biochemical Journal</i> , <b>2000</b> , 348, 525-530	3.8	45
16	Heat shock-induced actin polymerization, SAPK/JNK activation, and heat-shock protein expression are mediated by genistein-sensitive tyrosine kinase(s) in K562 cells. <i>Cell Biology International</i> , <b>2000</b> , 24, 447-57	4.5	15
15	The essential role of H2O2 in the regulation of intracellular Ca <sup>2+</sup> by epidermal growth factor in rat-2 fibroblasts. <i>Cellular Signalling</i> , <b>2000</b> , 12, 91-8	4.9	23
14	An improved method for quantitative sugar analysis of glycoproteins. <i>Experimental and Molecular Medicine</i> , <b>2000</b> , 32, 141-5	12.8	8
13	The role of RhoA in the germinal vesicle breakdown of mouse oocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 273, 997-1002	3.4	20
12	Improved cycle sequencing of GC-rich DNA template. <i>Experimental and Molecular Medicine</i> , <b>1999</b> , 31, 20-4	12.8	14
11	Hydrogen peroxide activates p70(S6k) signaling pathway. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 32596-602	11.13	113
10	Roles of RhoA and phospholipase A2 in the elevation of intracellular H2O2 by transforming growth factor-beta in Swiss 3T3 fibroblasts. <i>Cellular Signalling</i> , <b>1999</b> , 11, 677-83	4.9	24
9	Differential organization and transcription of the cat2 gene cluster in aniline-assimilating <i>Acinetobacter lwoffii</i> K24. <i>Journal of Bioscience and Bioengineering</i> , <b>1999</b> , 88, 250-7	3.3	8
8	Silica-induced generation of reactive oxygen species in Rat2 fibroblast: role in activation of mitogen-activated protein kinase. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 262, 708-12	3.4	35
7	Organization and transcriptional characterization of the cat1 gene cluster in <i>Acinetobacter lwoffii</i> K24. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 243, 289-94	3.4	9

6	Evidence for role of phospholipase A2 in phosphatidic acid-induced signaling to c-fos serum response element activation. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 247, 630-5	3-4	4
5	Phosphatidic acid-induced elevation of intracellular Ca <sup>2+</sup> is mediated by RhoA and H <sub>2</sub> O <sub>2</sub> in Rat-2 fibroblasts. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 12710-5	5-4	5 <sup>1</sup>
4	A cysteine-rich serine protease inhibitor (Guamerin II) from the non-blood sucking leech <i>Whitmania edentula</i> : biochemical characterization and amino acid sequence analysis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>1996</b> , 10, 81-91		7
3	Inhibition of the phosphorylation of a myristoylated alanine-rich C kinase substrate by methyl methanesulfonate in cultured NIH 3T3 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1996</b> , 351, 163-71	3-3	4
2	Isolation and characterization of guamerin, a new human leukocyte elastase inhibitor from <i>Hirudo nipponia</i> . <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 13879-84	5-4	4 <sup>0</sup>
1	Polymer-Based Delivery of Peptide Drugs to Treat Diabetes: Normalizing Hyperglycemia and Preventing Diabetic Complications. <i>Biochip Journal</i> , 1	4	3