

# Koji Uchida

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

352  
papers

21,623  
citations

76  
h-index

134  
g-index

361  
ext. papers

23,284  
ext. citations

5.1  
avg, IF

6.66  
L-index

#	Paper	IF	Citations
352	Unique B-1 cells specific for both N-pyrroled proteins and DNA evolve with apolipoprotein E deficiency.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101582	5.4	0
351	Redox-dependent internalization of the purinergic P2Y receptor limits colitis progression.. <i>Science Signaling</i> , <b>2022</b> , 15, eabj0644	8.8	2
350	Reprogrammed transsulfuration promotes basal-like breast tumor progression via realigning cellular cysteine persulfidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
349	The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
348	Distribution and quantitative analysis of homoanserine and its 2-oxo derivative in mouse tissues. <i>Free Radical Research</i> , <b>2021</b> , 55, 688-697	4	0
347	Extracellular vesicles derived from inflamed murine colorectal tissue induce fibroblast proliferation via epidermal growth factor receptor. <i>FEBS Journal</i> , <b>2021</b> , 288, 1906-1917	5.7	1
346	Low-molecular-weight whey proteins promote collagen production in dermal fibroblasts via the TGF- $\beta$ receptor/Smad pathway. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2021</b> , 85, 2232-2240	2.1	1
345	Oxidative deamination of lysine residues by polyphenols generates an equilibrium of aldehyde and 2-piperidinol products. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 101035	5.4	1
344	Low temperature plasma irradiation products of sodium lactate solution that induce cell death on U251SP glioblastoma cells were identified. <i>Scientific Reports</i> , <b>2021</b> , 11, 18488	4.9	7
343	Recognition of acrolein-specific epitopes by B cell receptors triggers an innate immune response. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100648	5.4	2
342	PPAR $\delta$ Ligand-Binding Domain Structures with Endogenous Fatty Acids and Fibrates. <i>IScience</i> , <b>2020</b> , 23, 101727	6.1	16
341	Glycolaldehyde is an endogenous source of lysine -pyrrolation. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 7697-7709	5.4	4
340	Redox cycling of 9,10-phenanthrenequinone activates epidermal growth factor receptor signaling through S-oxidation of protein tyrosine phosphatase 1B. <i>Journal of Toxicological Sciences</i> , <b>2020</b> , 45, 349-363	1.9	3
339	Transferrin Receptor Is a Specific Ferroptosis Marker. <i>Cell Reports</i> , <b>2020</b> , 30, 3411-3423.e7	10.6	126
338	S-Nitrosylation at the active site decreases the ubiquitin-conjugating activity of ubiquitin-conjugating enzyme E2 D1 (UBE2D1), an ERAD-associated protein. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 524, 910-915	3.4	5
337	In Vitro Aging of Human Skin Fibroblasts: Age-Dependent Changes in 4-Hydroxynonenal Metabolism. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	2
336	Quantitative analysis of oxidized vitamin B1 metabolites generated by hypochlorous acid. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 152, 197-206	7.8	1

335	A unique mechanism for thiolation of serum albumins by disulphide molecules. <i>Journal of Biochemistry</i> , <b>2020</b> , 167, 165-171	3.1	5
334	Acrolein in cigarette smoke attenuates the innate immune responses mediated by surfactant protein D. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2020</b> , 1864, 129699	4	1
333	A Dual Perspective of the Action of Lysine on Soybean Oil Oxidation Process Obtained by Combining H NMR and LC-MS: Antioxidant Effect and Generation of Lysine-Aldehyde Adducts. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	2
332	Apolipoprotein E binds to and reduces serum levels of DNA-mimicking, pyrroled proteins. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 11035-11045	5.4	3
331	2-Alkenal modification of hemoglobin: Identification of a novel hemoglobin-specific alkanolic acid-histidine adduct. <i>Redox Biology</i> , <b>2019</b> , 23, 101115	11.3	7
330	Protein adductomics: A comprehensive analysis of protein modifications by electrophiles. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 144, 218-222	7.8	4
329	Imidazole Ketone Erastin Induces Ferroptosis and Slows Tumor Growth in a Mouse Lymphoma Model. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 623-633.e9	8.2	185
328	High glutathionylation of placental endothelial nitric oxide synthase in preeclampsia. <i>Redox Biology</i> , <b>2019</b> , 22, 101126	11.3	22
327	Molecular Mechanism of Cellular Oxidative Stress Sensing by Keap1. <i>Cell Reports</i> , <b>2019</b> , 28, 746-758.e4	10.6	92
326	Modification of endothelial nitric oxide synthase by 4-oxo-2(E)-nonenal(ONE) in preeclamptic placentas. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 141, 416-425	7.8	8
325	Ibudilast attenuates doxorubicin-induced cytotoxicity by suppressing formation of TRPC3 channel and NADPH oxidase 2 protein complexes. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 3723-3738	8.6	14
324	Diosgenin Supplementation Prevents Lipid Accumulation and Induces Skeletal Muscle-Fiber Hypertrophy in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2019</b> , 65, 421-429	1.1	2
323	2-Oxo-histidine-containing dipeptides are functional oxidation products. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 1279-1289	5.4	17
322	Structural and functional insights into S-thiolation of human serum albumins. <i>Scientific Reports</i> , <b>2018</b> , 8, 932	4.9	42
321	Evaluation of serum sphingolipids and the influence of genetic risk factors in age-related macular degeneration. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200739	3.7	9
320	Development of a novel monoclonal antibody against 4-hydroxy-2E,6Z-dodecadialenal (4-HDDE)-protein adducts: Immunochemical application in quantitative and qualitative analyses of lipid peroxidation in vitro and ex vivo. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 124, 12-20	7.8	4
319	An open sandwich immunoassay for detection of 13(R,S)-hydroxy-9(E),11(E)-octadecadienoic acid. <i>Analyst, The</i> , <b>2017</b> , 142, 787-793	5	14
318	Roles of 5-lipoxygenase and cyclooxygenase-2 in the biosynthesis of hemiketals E and D by activated human leukocytes. <i>FASEB Journal</i> , <b>2017</b> , 31, 1867-1878	0.9	14

317	A Comprehensive Analytical Strategy To Identify Malondialdehyde-Modified Proteins and Peptides. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3847-3852	7.8	4
316	HNE as an inducer of COX-2. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 111, 169-172	7.8	28
315	Protein Carbonylation by Reactive Lipids <b>2017</b> , 83-96		
314	Adductome-based identification of biomarkers for lipid peroxidation. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 8223-8235	5.4	17
313	Oxidative metabolism of curcumin-glucuronide by peroxidases and isolated human leukocytes. <i>Biochemical Pharmacology</i> , <b>2017</b> , 132, 143-149	6	20
312	Heat Shock Protein 90 Modulates Lipid Homeostasis by Regulating the Stability and Function of Sterol Regulatory Element-binding Protein (SREBP) and SREBP Cleavage-activating Protein. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 3016-3028	5.4	33
311	A purified MAA-based ELISA is a useful tool for determining anti-MAA antibody titer with high sensitivity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172172	3.7	7
310	TRPC3-Nox2 complex mediates doxorubicin-induced myocardial atrophy. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	33
309	Lipid radicals cause light-induced retinal degeneration. <i>Chemical Communications</i> , <b>2017</b> , 53, 10922-10925.	5.8	8
308	Hormetic potential of methylglyoxal, a side-product of glycolysis, in switching tumours from growth to death. <i>Scientific Reports</i> , <b>2017</b> , 7, 11722	4.9	38
307	Evidence that endogenous formaldehyde produces immunogenic and atherogenic adduct epitopes. <i>Scientific Reports</i> , <b>2017</b> , 7, 10787	4.9	13
306	Disruption of the structural and functional features of surfactant protein A by acrolein in cigarette smoke. <i>Scientific Reports</i> , <b>2017</b> , 7, 8304	4.9	9
305	Identification of Polyphenol-Specific Innate Epitopes That Originated from a Resveratrol Analogue. <i>Biochemistry</i> , <b>2017</b> , 56, 4701-4712	3.2	4
304	Pyrrroloquinoline Quinone, a Redox-Active o-Quinone, Stimulates Mitochondrial Biogenesis by Activating the SIRT1/PGC-1 $\beta$ Signaling Pathway. <i>Biochemistry</i> , <b>2017</b> , 56, 6615-6625	3.2	28
303	Methylglyoxal-Mediated Stress Correlates with High Metabolic Activity and Promotes Tumor Growth in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	33
302	Identification of lactate dehydrogenase as a mammalian pyrroloquinoline quinone (PQQ)-binding protein. <i>Scientific Reports</i> , <b>2016</b> , 6, 26723	4.9	36
301	Long-Term Administration of Nicotinamide Mononucleotide Mitigates Age-Associated Physiological Decline in Mice. <i>Cell Metabolism</i> , <b>2016</b> , 24, 795-806	24.6	335
300	Identification of C1q as a Binding Protein for Advanced Glycation End Products. <i>Biochemistry</i> , <b>2016</b> , 55, 435-46	3.2	22

299	Methylglyoxal, a glycolysis side-product, induces Hsp90 glycation and YAP-mediated tumor growth and metastasis. <i>ELife</i> , <b>2016</b> , 5,	8.9	75
298	Oxidative Deamination of Serum Albumins by (-)-Epigallocatechin-3-O-Gallate: A Potential Mechanism for the Formation of Innate Antigens by Antioxidants. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153002	3.7	18
297	Identification of a prostaglandin D2 metabolite as a neuritogenesis enhancer targeting the TRPV1 ion channel. <i>Scientific Reports</i> , <b>2016</b> , 6, 21261	4.9	14
296	Abnormal myofiber morphology and limb dysfunction in claudication. <i>Journal of Surgical Research</i> , <b>2015</b> , 196, 172-9	2.5	36
295	Generation of Adducts of 4-Hydroxy-2-nonenal with Heat Shock 60 kDa Protein 1 in Human Promyelocytic HL-60 and Monocytic THP-1 Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 296146	6.7	8
294	Elastin Modification by 4-Hydroxynonenal in Hairless Mice Exposed to UV-A. Role in Photoaging and Actinic Elastosis. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 1873-1881	4.3	25
293	Ferritin-stimulated lipid peroxidation, lysosomal leak, and macroautophagy promote lysosomal "metastability" in primary hepatocytes determining in vitro cell survival. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 80, 48-58	7.8	16
292	Functional interaction between cyclooxygenase-2 and p53 in response to an endogenous electrophile. <i>Redox Biology</i> , <b>2015</b> , 4, 74-86	11.3	7
291	Malondialdehyde-derived epitopes in human skin result from acute exposure to solar UV and occur in nonmelanoma skin cancer tissue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2014</b> , 132, 56-65	6.7	26
290	Natural antibodies as a sensor of electronegative damage-associated molecular patterns (DAMPs). <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 72, 156-61	7.8	14
289	Recognition of malondialdehyde-modified proteins by the C terminus of complement factor H is mediated via the polyanion binding site and impaired by mutations found in atypical hemolytic uremic syndrome. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 4295-306	5.4	22
288	Toll-like receptors as a target of food-derived anti-inflammatory compounds. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 32757-72	5.4	35
287	Acrolein modification impairs key functional features of rat apolipoprotein E: identification of modified sites by mass spectrometry. <i>Biochemistry</i> , <b>2014</b> , 53, 361-75	3.2	22
286	Lysine pyrrolation is a naturally-occurring covalent modification involved in the production of DNA mimic proteins. <i>Scientific Reports</i> , <b>2014</b> , 4, 5343	4.9	14
285	Direct exposure of non-equilibrium atmospheric pressure plasma confers simultaneous oxidative and ultraviolet modifications in biomolecules. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2014</b> , 55, 207-15	3.1	46
284	15-deoxy-(12,14)-prostaglandin J2 as a potential TRPV1-dependent atopic dermatitis enhancer. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 75 Suppl 1, S49	7.8	2
283	Triple negative tumors accumulate significantly less methylglyoxal specific adducts than other human breast cancer subtypes. <i>Oncotarget</i> , <b>2014</b> , 5, 5472-82	3.3	38
282	Redox-derived damage-associated molecular patterns: Ligand function of lipid peroxidation adducts. <i>Redox Biology</i> , <b>2013</b> , 1, 94-6	11.3	37

281	Early increase in alveolar macrophage prostaglandin 15d-PGJ2 precedes neutrophil recruitment into lungs of cytokine-insufflated rats. <i>Inflammation</i> , <b>2013</b> , 36, 1030-40	5.1	7
280	Multispecificity of immunoglobulin M antibodies raised against advanced glycation end products: involvement of electronegative potential of antigens. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 13204-14	5.4	25
279	An apoptosis-associated mammary protein deficiency leads to enhanced production of IgM antibodies against multiple damage-associated molecules. <i>PLoS ONE</i> , <b>2013</b> , 8, e68468	3.7	7
278	Effects of 6- (Methylsulfinyl) hexyl Isothiocyanate on Induction of Heme Oxygenase-1 Gene Expression in Human Intestinal Epithelial Caco-2 Cells. <i>Nihon Eiyu Shokuryu Gakkai Shi = Nippon Eiyu Shokuryu Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , <b>2013</b> , 66, 293-300	0.2	
277	Nonclonal growth of preneoplastic cells positive for glutathione S-transferase P-form in the rat liver. <i>Cancer Science</i> , <b>2012</b> , 103, 1445-50	6.9	4
276	Quantitative analysis of acrolein-specific adducts generated during lipid peroxidation-modification of proteins in vitro: identification of N(ε)-(3-propanal)histidine as the major adduct. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 1384-92	4	32
275	Hydrogen sulfide anion regulates redox signaling via electrophile sulphydration. <i>Nature Chemical Biology</i> , <b>2012</b> , 8, 714-24	11.7	220
274	Monoclonal antibody against protein-bound glutathione: use of glutathione conjugate of acrolein-modified proteins as an immunogen. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 1393-401	4	4
273	Discharge of solubilized and Dectin-1-reactive βglucan from macrophage cells phagocytizing insoluble βglucan particles: involvement of reactive oxygen species (ROS)-driven degradation. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 421, 329-34	3.4	15
272	The ferroimmunomodulatory role of ectopic endometriotic stromal cells in ovarian endometriosis. <i>Fertility and Sterility</i> , <b>2012</b> , 98, 415-22.e1-12	4.8	23
271	Effects of bioreactive acrolein from automotive exhaust gases on human cells in vitro. <i>Environmental Toxicology</i> , <b>2012</b> , 27, 644-52	4.2	17
270	Constitutive expression of an antioxidant enzyme, glutathione S-transferase P1, during differentiation of human intestinal Caco-2 cells. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 347-56	7.8	7
269	Identification of 4-hydroxy-2-nonenal-histidine adducts that serve as ligands for human lectin-like oxidized LDL receptor-1. <i>Biochemical Journal</i> , <b>2012</b> , 442, 171-80	3.8	30
268	Antiatherogenic effect of bisvanillyl-hydralazone, a new hydralazine derivative with antioxidant, carbonyl scavenger, and antiapoptotic properties. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 14, 2093-106	8.4	22
267	The anti-tumor effects of calorie restriction are correlated with reduced oxidative stress in ENU-induced gliomas. <i>Pathobiology of Aging &amp; Age Related Diseases</i> , <b>2011</b> , 1,	1.3	14
266	A method for detection of 4-hydroxy-2-nonenal adducts in proteins. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 1-4	7.8	25
265	Nuclear factor erythroid 2-related factor-2 activity controls 4-hydroxynonenal metabolism and activity in prostate cancer cells. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 1610-8	7.8	21
264	4-Hydroperoxy-2-nonenal is not just an intermediate but a reactive molecule that covalently modifies proteins to generate unique intramolecular oxidation products. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 29313-29324	5.4	27

263	Transthiocarbamoylation of proteins by thiolated isothiocyanates. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 42150-42161	5.4	40
262	Lipid peroxidation modification of protein generates Nepsilon-(4-oxononanoyl)lysine as a pro-inflammatory ligand. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 19943-57	5.4	27
261	Isothiocyanates reduce mercury accumulation via an Nrf2-dependent mechanism during exposure of mice to methylmercury. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 1117-22	8.4	81
260	Pertussis toxin up-regulates angiotensin type 1 receptors through Toll-like receptor 4-mediated Rac activation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 15268-15277	5.4	30
259	Lipid peroxidation generates body odor component trans-2-nonenal covalently bound to protein in vivo. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 15302-15313	5.4	50
258	Identification of a lipid peroxidation product as the source of oxidation-specific epitopes recognized by anti-DNA autoantibodies. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 33834-42	5.4	26
257	Lipid peroxidation product acrolein as a predictive biomarker of prostate carcinoma relapse after radical surgery. <i>Free Radical Research</i> , <b>2010</b> , 44, 497-504	4	15
256	Delta12-prostaglandin J2 as a product and ligand of human serum albumin: formation of an unusual covalent adduct at His146. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 824-32	16.4	55
255	Metabolism of 4-hydroxy-2-nonenal in human polymorphonuclear leukocytes. <i>Archives of Biochemistry and Biophysics</i> , <b>2010</b> , 503, 248-52	4.1	16
254	Alteration of biochemical and pathological properties of TDP-43 protein by a lipid mediator, 15-deoxy-Delta(12,14)-prostaglandin J(2). <i>Experimental Neurology</i> , <b>2010</b> , 222, 296-303	5.7	15
253	GLO1 overexpression in human malignant melanoma. <i>Melanoma Research</i> , <b>2010</b> , 20, 85-96	3.3	68
252	Implication of oxidative stress as a cause of autoimmune hemolytic anemia in NZB mice. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 935-44	7.8	35
251	Iron-mediated oxidative stress plays an essential role in ferritin-induced cell death. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 1347-57	7.8	41
250	The malondialdehyde-derived fluorophore DHP-lysine is a potent sensitizer of UVA-induced photooxidative stress in human skin cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2010</b> , 101, 251-64	6.7	28
249	Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy. <i>Molecular Vision</i> , <b>2010</b> , 16, 2524-38	2.3	39
248	Stereochemical configuration of 4-hydroxy-2-nonenal-cysteine adducts and their stereoselective formation in a redox-regulated protein. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 28810-22	5.4	40
247	Fluorescent detection of alpha-amino adipic and gamma-glutamic semialdehydes in oxidized proteins. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 701-6	7.8	14
246	Identification of advanced reaction products originating from the initial 4-oxo-2-nonenal-cysteine Michael adducts. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 957-64	4	27

245	The formation of argpyrimidine, a methylglyoxal-arginine adduct, in the nucleus of neural cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 378, 209-12	3.4	21
244	Catechol type polyphenol is a potential modifier of protein sulfhydryls: development and application of a new probe for understanding the dietary polyphenol actions. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 1689-98	4	46
243	Immunohistochemical detection of 13(R)-hydroxyoctadecadienoic acid in atherosclerotic plaques of human carotid arteries using a novel specific antibody. <i>Acta Histochemica Et Cytochemica</i> , <b>2009</b> , 42, 197-203	1.0	11
242	Rescue of anaemia and autoimmune responses in SOD1-deficient mice by transgenic expression of human SOD1 in erythrocytes. <i>Biochemical Journal</i> , <b>2009</b> , 422, 313-20	3.8	33
241	Exposure of HL-60 human leukaemic cells to 4-hydroxynonenal promotes the formation of adduct(s) with alpha-enolase devoid of plasminogen binding activity. <i>Biochemical Journal</i> , <b>2009</b> , 422, 285-94	3.8	21
240	Critical role of acrolein in secondary injury following ex vivo spinal cord trauma. <i>Journal of Neurochemistry</i> , <b>2008</b> , 107, 712-21	6	83
239	A food-derived synergist of NGF signaling: identification of protein tyrosine phosphatase 1B as a key regulator of NGF receptor-initiated signal transduction. <i>Journal of Neurochemistry</i> , <b>2008</b> , 107, 1248-60	6	24
238	Carbonyl scavenger and antiatherogenic effects of hydrazine derivatives. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 1457-67	7.8	76
237	Immunochemical detection of flavonoid glycosides: development, specificity, and application of novel monoclonal antibodies. <i>Archives of Biochemistry and Biophysics</i> , <b>2008</b> , 476, 124-32	4.1	9
236	A 90-day oral toxicity study of purple corn color, a natural food colorant, in F344 rats. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 774-80	4.7	19
235	Site-specific modification of positively-charged surfaces on human serum albumin by malondialdehyde. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 371, 28-32	3.4	34
234	Black tea polyphenols modulate xenobiotic-metabolizing enzymes, oxidative stress and adduct formation in a rat hepatocarcinogenesis model. <i>Free Radical Research</i> , <b>2008</b> , 42, 873-84	4	18
233	Galloylated catechins as potent inhibitors of hypochlorous acid-induced DNA damage. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 1407-14	4	37
232	Keap1 regulates the constitutive expression of GST A1 during differentiation of Caco-2 cells. <i>Biochemistry</i> , <b>2008</b> , 47, 6169-77	3.2	15
231	15-Deoxy-Delta(12,14)-prostaglandin J2: an electrophilic trigger of cellular responses. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 138-44	4	126
230	Protein N-acylation: H2O2-mediated covalent modification of protein by lipid peroxidation-derived saturated aldehydes. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 1261-70	4	23
229	Albumin is the main nucleophilic target of human plasma: a protective role against pro-atherogenic electrophilic reactive carbonyl species?. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 824-35	4	88
228	Macrophage as a target of quercetin glucuronides in human atherosclerotic arteries: implication in the anti-atherosclerotic mechanism of dietary flavonoids. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 9424-34	5.4	231



227	Molecular characterization of TRPA1 channel activation by cysteine-reactive inflammatory mediators. <i>Channels</i> , <b>2008</b> , 2, 287-98	3	184
226	Modification by acrolein, a component of tobacco smoke and age-related oxidative stress, mediates functional impairment of human apolipoprotein E. <i>Biochemistry</i> , <b>2007</b> , 46, 8392-400	3.2	33
225	Identification of actin as a 15-deoxy-Delta12,14-prostaglandin J2 target in neuroblastoma cells: mass spectrometric, computational, and functional approaches to investigate the effect on cytoskeletal derangement. <i>Biochemistry</i> , <b>2007</b> , 46, 2707-18	3.2	70
224	Selective cytotoxicity of benzyl isothiocyanate in the proliferating fibroblastoid cells. <i>International Journal of Cancer</i> , <b>2007</b> , 120, 484-92	7.5	28
223	Protein-bound crotonaldehyde accumulates in the spinal cord of superoxide dismutase-1 mutation-associated familial amyotrophic lateral sclerosis and its transgenic mouse model. <i>Neuropathology</i> , <b>2007</b> , 27, 49-61	2	19
222	Protection of cerebellar granule cells by tocopherols and tocotrienols against methylmercury toxicity. <i>Brain Research</i> , <b>2007</b> , 1182, 106-15	3.7	25
221	Future of toxicology--lipid peroxidation in the future: from biomarker to etiology. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 3-5	4	23
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