

Daniel C Liebler

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251
papers

21,841
citations

73
h-index

143
g-index

262
ext. papers

25,388
ext. citations

6.5
avg, IF

6.65
L-index

#	Paper	IF	Citations
251	Skyline: an open source document editor for creating and analyzing targeted proteomics experiments. <i>Bioinformatics</i> , 2010 , 26, 966-8	7.2	2910
250	Reassessment of Exosome Composition. <i>Cell</i> , 2019 , 177, 428-445.e18	56.2	949
249	Proteogenomic characterization of human colon and rectal cancer. <i>Nature</i> , 2014 , 513, 382-7	50.4	900
248	Multi-site assessment of the precision and reproducibility of multiple reaction monitoring-based measurements of proteins in plasma. <i>Nature Biotechnology</i> , 2009 , 27, 633-41	44.5	859
247	Glucose-independent glutamine metabolism via TCA cycling for proliferation and survival in B cells. <i>Cell Metabolism</i> , 2012 , 15, 110-21	24.6	735
246	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. <i>Cell</i> , 2016 , 166, 755-765	56.2	544
245	Repeatability and reproducibility in proteomic identifications by liquid chromatography-tandem mass spectrometry. <i>Journal of Proteome Research</i> , 2010 , 9, 761-76	5.6	377
244	Proteomic analysis of exosomes from mutant KRAS colon cancer cells identifies intercellular transfer of mutant KRAS. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 343-55	7.6	355
243	Identification of sensor cysteines in human Keap1 modified by the cancer chemopreventive agent sulforaphane. <i>Chemical Research in Toxicology</i> , 2005 , 18, 1917-26	4	328
242	Sample preparation and digestion for proteomic analyses using spin filters. <i>Proteomics</i> , 2005 , 5, 1742-5	4.8	322
241	Enzymatic activation of chemicals to toxic metabolites. <i>CRC Critical Reviews in Toxicology</i> , 1985 , 14, 259-307		268
240	The role of metabolism in the antioxidant function of vitamin E. <i>Critical Reviews in Toxicology</i> , 1993 , 23, 147-69	5.7	259
239	Targeted quantitation of proteins by mass spectrometry. <i>Biochemistry</i> , 2013 , 52, 3797-806	3.2	247
238	Depletion of abundant plasma proteins and limitations of plasma proteomics. <i>Journal of Proteome Research</i> , 2010 , 9, 4982-91	5.6	246
237	Specific patterns of electrophile adduction trigger Keap1 ubiquitination and Nrf2 activation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 31768-75	5.4	243
236	Ischemia in tumors induces early and sustained phosphorylation changes in stress kinase pathways but does not affect global protein levels. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 1690-704	7.6	239
235	Elucidating mechanisms of drug-induced toxicity. <i>Nature Reviews Drug Discovery</i> , 2005 , 4, 410-20	64.1	239

234	Proteogenomic Analysis of Human Colon Cancer Reveals New Therapeutic Opportunities. <i>Cell</i> , 2019 , 177, 1035-1049.e19	56.2	237
233	Identification of S-nitrosylation motifs by site-specific mapping of the S-nitrosocysteine proteome in human vascular smooth muscle cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7420-5	11.5	237
232	The reduction of alpha-tocopherolquinone by human NAD(P)H: quinone oxidoreductase: the role of alpha-tocopherolhydroquinone as a cellular antioxidant. <i>Molecular Pharmacology</i> , 1997 , 52, 300-5	4.3	211
231	Protein damage by reactive electrophiles: targets and consequences. <i>Chemical Research in Toxicology</i> , 2008 , 21, 117-28	4	197
230	Human monomethylarsonic acid (MMA(V)) reductase is a member of the glutathione-S-transferase superfamily. <i>Chemical Research in Toxicology</i> , 2001 , 14, 1051-7	4	189
229	Site-specific mapping and quantification of protein S-sulphenylation in cells. <i>Nature Communications</i> , 2014 , 5, 4776	17.4	173
228	Identification of protein targets of 4-hydroxynonenal using click chemistry for ex vivo biotinylation of azido and alkynyl derivatives. <i>Chemical Research in Toxicology</i> , 2008 , 21, 432-44	4	165
227	Connecting genomic alterations to cancer biology with proteomics: the NCI Clinical Proteomic Tumor Analysis Consortium. <i>Cancer Discovery</i> , 2013 , 3, 1108-12	24.4	162
226	Antioxidant chemistry of green tea catechins. Identification of products of the reaction of (-)-epigallocatechin gallate with peroxy radicals. <i>Chemical Research in Toxicology</i> , 1999 , 12, 382-6	4	159
225	Covalent modification at Cys151 dissociates the electrophile sensor Keap1 from the ubiquitin ligase CUL3. <i>Chemical Research in Toxicology</i> , 2008 , 21, 705-10	4	158
224	Equivalence of protein inventories obtained from formalin-fixed paraffin-embedded and frozen tissue in multidimensional liquid chromatography-tandem mass spectrometry shotgun proteomic analysis. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 1988-98	7.6	157
223	Performance metrics for liquid chromatography-tandem mass spectrometry systems in proteomics analyses. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 225-41	7.6	147
222	The Expanding Landscape of the Thiol Redox Proteome. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1-11	7.6	141
221	Large-Scale Interlaboratory Study to Develop, Analytically Validate and Apply Highly Multiplexed, Quantitative Peptide Assays to Measure Cancer-Relevant Proteins in Plasma. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2357-74	7.6	135
220	Recommendations for the Generation, Quantification, Storage, and Handling of Peptides Used for Mass Spectrometry-Based Assays. <i>Clinical Chemistry</i> , 2016 , 62, 48-69	5.5	135
219	Antioxidant chemistry of green tea catechins. New oxidation products of (-)-epigallocatechin gallate and (-)-epigallocatechin from their reactions with peroxy radicals. <i>Chemical Research in Toxicology</i> , 2000 , 13, 801-10	4	132
218	Interlaboratory study characterizing a yeast performance standard for benchmarking LC-MS platform performance. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 242-54	7.6	130
217	Cytosolic and nuclear protein targets of thiol-reactive electrophiles. <i>Chemical Research in Toxicology</i> , 2006 , 19, 20-9	4	130

216	Peroxyl radical oxidation of beta-carotene: formation of beta-carotene epoxides. <i>Chemical Research in Toxicology</i> , 1991 , 4, 290-5	4	130
215	Global shifts in protein sumoylation in response to electrophile and oxidative stress. <i>Chemical Research in Toxicology</i> , 2004 , 17, 1706-15	4	129
214	Protein identification using customized protein sequence databases derived from RNA-Seq data. <i>Journal of Proteome Research</i> , 2012 , 11, 1009-17	5.6	128
213	Antioxidant reactions of beta-carotene: identification of carotenoid-radical adducts. <i>Chemical Research in Toxicology</i> , 1996 , 9, 8-11	4	123
212	Global analysis of protein damage by the lipid electrophile 4-hydroxy-2-nonenal. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 670-80	7.6	120
211	Isolation and identification of singlet oxygen oxidation products of beta-carotene. <i>Chemical Research in Toxicology</i> , 1993 , 6, 542-7	4	116
210	Oxidation of vitamin E: evidence for competing autoxidation and peroxyl radical trapping reactions of the tocopheroxyl radical. <i>Journal of the American Chemical Society</i> , 1990 , 112, 6995-7000	16.4	116
209	Phosphoproteomic mass spectrometry profiling links Src family kinases to escape from HER2 tyrosine kinase inhibition. <i>Oncogene</i> , 2011 , 30, 4163-74	9.2	114
208	CPTAC Assay Portal: a repository of targeted proteomic assays. <i>Nature Methods</i> , 2014 , 11, 703-4	21.6	113
207	Determination of singlet oxygen-specific versus radical-mediated lipid peroxidation in photosensitized oxidation of lipid bilayers: effect of beta-carotene and alpha-tocopherol. <i>Biochemistry</i> , 1997 , 36, 12911-20	3.2	113
206	Gas chromatography-mass spectrometry analysis of vitamin E and its oxidation products. <i>Analytical Biochemistry</i> , 1996 , 236, 27-34	3.1	113
205	Olefin oxidation by cytochrome P-450: evidence for group migration in catalytic intermediates formed with vinylidene chloride and trans-1-phenyl-1-butene. <i>Biochemistry</i> , 1983 , 22, 5482-9	3.2	109
204	alpha,beta-unsaturated aldehydes accelerate oxymyoglobin oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 3140-4	5.7	107
203	Antioxidant reactions of carotenoids. <i>Annals of the New York Academy of Sciences</i> , 1993 , 691, 20-31	6.5	106
202	Global, in situ, site-specific analysis of protein S-sulfenylation. <i>Nature Protocols</i> , 2015 , 10, 1022-37	18.8	101
201	Diagnostic accuracy of MALDI mass spectrometric analysis of unfractionated serum in lung cancer. <i>Journal of Thoracic Oncology</i> , 2007 , 2, 893-901	8.9	101
200	Use of dimedone-based chemical probes for sulfenic acid detection methods to visualize and identify labeled proteins. <i>Methods in Enzymology</i> , 2010 , 473, 95-115	1.7	98
199	Reversibility of covalent electrophile-protein adducts and chemical toxicity. <i>Chemical Research in Toxicology</i> , 2008 , 21, 2361-9	4	98

198	Proteomics of lipid oxidation-induced oxidation of porcine and bovine oxymyoglobins. <i>Proteomics</i> , 2007 , 7, 628-640	4.8	98
197	Photoprotective actions of natural and synthetic melanins. <i>Chemical Research in Toxicology</i> , 1998 , 11, 1434-40	4	90
196	P-Mod: an algorithm and software to map modifications to peptide sequences using tandem MS data. <i>Journal of Proteome Research</i> , 2005 , 4, 358-68	5.6	89
195	Methods for peptide and protein quantitation by liquid chromatography-multiple reaction monitoring mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.006593	7.6	88
194	Design, implementation and multisite evaluation of a system suitability protocol for the quantitative assessment of instrument performance in liquid chromatography-multiple reaction monitoring-MS (LC-MRM-MS). <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 2623-39	7.6	87
193	Statistical design for biospecimen cohort size in proteomics-based biomarker discovery and verification studies. <i>Journal of Proteome Research</i> , 2013 , 12, 5383-94	5.6	86
192	Final report of the safety assessment of Kojic acid as used in cosmetics. <i>International Journal of Toxicology</i> , 2010 , 29, 244S-73	2.4	86
191	Comparative shotgun proteomics using spectral count data and quasi-likelihood modeling. <i>Journal of Proteome Research</i> , 2010 , 9, 4295-305	5.6	84
190	Protein targets of reactive electrophiles in human liver microsomes. <i>Chemical Research in Toxicology</i> , 2007 , 20, 859-67	4	84
189	The development of selected reaction monitoring methods for targeted proteomics via empirical refinement. <i>Proteomics</i> , 2012 , 12, 1134-41	4.8	82
188	Evaluation of strong cation exchange versus isoelectric focusing of peptides for multidimensional liquid chromatography-tandem mass spectrometry. <i>Journal of Proteome Research</i> , 2008 , 7, 5286-94	5.6	82
187	SALSA: a pattern recognition algorithm to detect electrophile-adducted peptides by automated evaluation of CID spectra in LC-MS-MS analyses. <i>Analytical Chemistry</i> , 2001 , 73, 1676-83	7.8	82
186	Inhibition of UVB induced DNA photodamage in mouse epidermis by topically applied alpha-tocopherol. <i>Carcinogenesis</i> , 1997 , 18, 1617-22	4.6	81
185	An Analysis of the Sensitivity of Proteogenomic Mapping of Somatic Mutations and Novel Splicing Events in Cancer. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1060-71	7.6	80
184	An azido-biotin reagent for use in the isolation of protein adducts of lipid-derived electrophiles by streptavidin catch and photorelease. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2080-9	7.6	80
183	Proteomic identification of ubiquitinated proteins from human cells expressing His-tagged ubiquitin. <i>Proteomics</i> , 2005 , 5, 2104-11	4.8	80
182	Vitamin E oxidation in human atherosclerotic lesions. <i>Circulation Research</i> , 2002 , 90, 333-9	15.7	79
181	Prevention of DNA photodamage by vitamin E compounds and sunscreens: roles of ultraviolet absorbance and cellular uptake. <i>Molecular Carcinogenesis</i> , 1999 , 24, 169-76	5	79

180	Quantitative analysis of modified proteins by LC-MS/MS of peptides labeled with phenyl isocyanate. <i>Journal of Proteome Research</i> , 2003 , 2, 265-72	5.6	74
179	A bioinformatics workflow for variant peptide detection in shotgun proteomics. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.006536	7.6	73
178	Quantitative chemoproteomics for site-specific analysis of protein alkylation by 4-hydroxy-2-nonenal in cells. <i>Analytical Chemistry</i> , 2015 , 87, 2535-41	7.8	72
177	Reactions of beta-carotene with cigarette smoke oxidants. Identification of carotenoid oxidation products and evaluation of the prooxidant/antioxidant effect. <i>Chemical Research in Toxicology</i> , 1999 , 12, 535-43	4	72
176	Reactions of peroxyxynitrite with gamma-tocopherol. <i>Chemical Research in Toxicology</i> , 1997 , 10, 401-7	4	71
175	Mitochondrial protein targets of thiol-reactive electrophiles. <i>Chemical Research in Toxicology</i> , 2008 , 21, 796-804	4	71
174	Oxidation of vitamin E during iron-catalyzed lipid peroxidation: evidence for electron-transfer reactions of the tocopheroxyl radical. <i>Biochemistry</i> , 1992 , 31, 8278-84	3.2	71
173	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , 2020 , 183, 1436-1456.e31	4.56	71
172	Antioxidant actions of beta-carotene in liposomal and microsomal membranes: role of carotenoid-membrane incorporation and alpha-tocopherol. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 338, 244-50	4.1	70
171	Covalent adduction of human serum albumin by 4-hydroxy-2-nonenal: kinetic analysis of competing alkylation reactions. <i>Biochemistry</i> , 2006 , 45, 10521-8	3.2	69
170	Quantitative analysis by liquid chromatography-tandem mass spectrometry of deuterium-labeled and unlabeled vitamin E in biological samples. <i>Analytical Biochemistry</i> , 2001 , 289, 89-95	3.1	68
169	Proteome Profiling Outperforms Transcriptome Profiling for Coexpression Based Gene Function Prediction. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 121-134	7.6	67
168	Alkylation damage by lipid electrophiles targets functional protein systems. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 849-59	7.6	67
167	Fibrinogen beta-chain tyrosine nitration is a prothrombotic risk factor. <i>Journal of Biological Chemistry</i> , 2008 , 283, 33846-53	5.4	67
166	Diverse Redoxome Reactivity Profiles of Carbon Nucleophiles. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5588-5595	16.4	66
165	Spin filter-based sample preparation for shotgun proteomics. <i>Nature Methods</i> , 2009 , 6, 785; author reply 785-6	21.6	65
164	Redox instability induced by 4-hydroxy-2-nonenal in porcine and bovine myoglobins at pH 5.6 and 4 degrees C. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3402-8	5.7	64
163	Attenuation of the beta-catenin/TCF4 complex in colorectal cancer cells induces several growth-suppressive microRNAs that target cancer promoting genes. <i>Oncogene</i> , 2012 , 31, 2750-60	9.2	63

162	Proteomic analysis of DNA-protein cross-linking by antitumor nitrogen mustards. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1151-62	4	63
161	Vitamin E oxidation in rat liver mitochondria. <i>Biochemistry</i> , 1995 , 34, 5754-61	3.2	61
160	Peptide sequence motif analysis of tandem MS data with the SALSA algorithm. <i>Analytical Chemistry</i> , 2002 , 74, 203-10	7.8	60
159	Protein-based multiplex assays: mock submissions to the US Food and Drug Administration. <i>Clinical Chemistry</i> , 2010 , 56, 165-71	5.5	59
158	In-depth proteomic analysis of nonsmall cell lung cancer to discover molecular targets and candidate biomarkers. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 916-32	7.6	59
157	Oncogenic KRAS and BRAF Drive Metabolic Reprogramming in Colorectal Cancer. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 2924-38	7.6	58
156	Proteomic approaches to characterize protein modifications: new tools to study the effects of environmental exposures. <i>Environmental Health Perspectives</i> , 2002 , 110 Suppl 1, 3-9	8.4	58
155	Co-expression network analysis identifies Spleen Tyrosine Kinase (SYK) as a candidate oncogenic driver in a subset of small-cell lung cancer. <i>BMC Systems Biology</i> , 2013 , 7 Suppl 5, S1	3.5	56
154	Label-free quantitation of protein modifications by pseudo selected reaction monitoring with internal reference peptides. <i>Journal of Proteome Research</i> , 2012 , 11, 3467-79	5.6	56
153	beta-carotene: friend or foe?. <i>Fundamental and Applied Toxicology</i> , 1997 , 40, 163-74		56
152	Photoprotective actions of topically applied vitamin E. <i>Drug Metabolism Reviews</i> , 2000 , 32, 413-20	7	56
151	Redox cycles of vitamin E: hydrolysis and ascorbic acid dependent reduction of 8a-(alkyldioxy)tocopherones. <i>Biochemistry</i> , 1989 , 28, 9772-7	3.2	56
150	DNA-protein cross-linking by 1,2,3,4-diepoxybutane. <i>Journal of Proteome Research</i> , 2010 , 9, 4356-67	5.6	55
149	Porcine oxymyoglobin and lipid oxidation in vitro. <i>Meat Science</i> , 2003 , 63, 241-7	6.4	55
148	Identification of proteins adducted by lipid peroxidation products in plasma and modifications of apolipoprotein A1 with a novel biotinylated phospholipid probe. <i>Journal of Proteome Research</i> , 2008 , 7, 4237-46	5.6	53
147	Comparison of protein immunoprecipitation-multiple reaction monitoring with ELISA for assay of biomarker candidates in plasma. <i>Journal of Proteome Research</i> , 2013 , 12, 5996-6003	5.6	52
146	Global stability of plasma proteomes for mass spectrometry-based analyses. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, M1111.014340	7.6	50
145	Analytical validation of protein-based multiplex assays: a workshop report by the NCI-FDA interagency oncology task force on molecular diagnostics. <i>Clinical Chemistry</i> , 2010 , 56, 237-43	5.5	49

144	Increased protein nitration burden in the atherosclerotic lesions and plasma of apolipoprotein A-I deficient mice. <i>Circulation Research</i> , 2007 , 101, 368-76	15.7	49
143	Mechanisms of dimer and trimer formation from ultraviolet-irradiated alpha-tocopherol. <i>Lipids</i> , 2001 , 36, 49-55	1.6	48
142	Systematic and Quantitative Assessment of Hydrogen Peroxide Reactivity With Cysteines Across Human Proteomes. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 1815-1828	7.6	47
141	Precision of multiple reaction monitoring mass spectrometry analysis of formalin-fixed, paraffin-embedded tissue. <i>Journal of Proteome Research</i> , 2012 , 11, 3498-505	5.6	47
140	Mechlorethamine-induced DNA-protein cross-linking in human fibrosarcoma (HT1080) cells. <i>Journal of Proteome Research</i> , 2011 , 10, 2785-96	5.6	47
139	Peroxyl radical trapping and autoxidation reactions of alpha-tocopherol in lipid bilayers. <i>Chemical Research in Toxicology</i> , 1991 , 4, 89-93	4	47
138	Network-assisted protein identification and data interpretation in shotgun proteomics. <i>Molecular Systems Biology</i> , 2009 , 5, 303	12.2	45
137	Detection of Proteome Diversity Resulted from Alternative Splicing is Limited by Trypsin Cleavage Specificity. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 422-430	7.6	44
136	QuaMeter: multivendor performance metrics for LC-MS/MS proteomics instrumentation. <i>Analytical Chemistry</i> , 2012 , 84, 5845-50	7.8	44
135	Efficacy of cetuximab in the treatment of Menetrier's disease. <i>Science Translational Medicine</i> , 2009 , 1, 8ra18	17.5	43
134	Proteogenomic analysis reveals unanticipated adaptations of colorectal tumor cells to deficiencies in DNA mismatch repair. <i>Cancer Research</i> , 2014 , 74, 387-97	10.1	42
133	Colorectal Cancer Cell Line Proteomes Are Representative of Primary Tumors and Predict Drug Sensitivity. <i>Gastroenterology</i> , 2017 , 153, 1082-1095	13.3	40
132	Final amended safety assessment of hydroquinone as used in cosmetics. <i>International Journal of Toxicology</i> , 2010 , 29, 274S-87	2.4	40
131	Proteomic analysis of oropharyngeal carcinomas reveals novel HPV-associated biological pathways. <i>International Journal of Cancer</i> , 2013 , 132, 568-79	7.5	39
130	Proteomic profiling of paraffin-embedded samples identifies metaplasia-specific and early-stage gastric cancer biomarkers. <i>American Journal of Pathology</i> , 2012 , 181, 1560-72	5.8	38
129	Sequence mapping of epoxide adducts in human hemoglobin with LC-tandem MS and the SALSA algorithm. <i>Chemical Research in Toxicology</i> , 2002 , 15, 799-805	4	37
128	Quantitative Mass Spectrometry Analysis of PD-L1 Protein Expression, -glycosylation and Expression Stoichiometry with PD-1 and PD-L2 in Human Melanoma. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 1705-1717	7.6	36
127	Clustering a Chemical Inventory for Safety Assessment of Fragrance Ingredients: Identifying Read-Across Analogs to Address Data Gaps. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1709-1718	4	36

126	Phosphotyrosine signaling analysis in human tumors is confounded by systemic ischemia-driven artifacts and intra-specimen heterogeneity. <i>Cancer Research</i> , 2015 , 75, 1495-503	10.1	35
125	Reproducibility of Differential Proteomic Technologies in CPTAC Fractionated Xenografts. <i>Journal of Proteome Research</i> , 2016 , 15, 691-706	5.6	35
124	UVB induced photooxidation of vitamin E. <i>Chemical Research in Toxicology</i> , 1997 , 10, 219-24	4	35
123	Antioxidant reactions of vitamin E in the perfused rat liver: product distribution and effect of dietary vitamin E supplementation. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 339, 157-64	4.1	34
122	Quantitative Profiling of Protein Tyrosine Kinases in Human Cancer Cell Lines by Multiplexed Parallel Reaction Monitoring Assays. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 682-91	7.6	33
121	Protein-selective capture to analyze electrophile adduction of hsp90 by 4-hydroxynonenal. <i>Chemical Research in Toxicology</i> , 2011 , 24, 1275-82	4	33
120	Characterization of benzoquinone-peptide adducts by electrospray mass spectrometry. <i>Chemical Research in Toxicology</i> , 2000 , 13, 976-82	4	33
119	Integrated Proteomic and Glycoproteomic Characterization of Human High-Grade Serous Ovarian Carcinoma. <i>Cell Reports</i> , 2020 , 33, 108276	10.6	33
118	GeLC-MRM quantitation of mutant KRAS oncoprotein in complex biological samples. <i>Journal of Proteome Research</i> , 2012 , 11, 3908-13	5.6	32
117	Activating PIK3CA Mutations Induce an Epidermal Growth Factor Receptor (EGFR)/Extracellular Signal-regulated Kinase (ERK) Paracrine Signaling Axis in Basal-like Breast Cancer. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1959-76	7.6	31
116	Proteomic characterization of metabolites, protein adducts, and biliary proteins in rats exposed to 1,1-dichloroethylene or diclofenac. <i>Chemical Research in Toxicology</i> , 2003 , 16, 1306-17	4	31
115	Reactions of Genistein with alkylperoxyl radicals. <i>Chemical Research in Toxicology</i> , 2000 , 13, 638-45	4	31
114	Antioxidant stoichiometry and the oxidative fate of vitamin E in peroxyl radical scavenging reactions. <i>Lipids</i> , 1995 , 30, 789-93	1.6	31
113	Safety Assessment of Microbial Polysaccharide Gums as Used in Cosmetics. <i>International Journal of Toxicology</i> , 2016 , 35, 55-49S	2.4	31
112	Final report of the Cosmetic Ingredient Review Expert Panel amended safety assessment of Calendula officinalis-derived cosmetic ingredients. <i>International Journal of Toxicology</i> , 2010 , 29, 221S-43 ^{2.4}	2.4	30
111	The poisons within: application of toxicity mechanisms to fundamental disease processes. <i>Chemical Research in Toxicology</i> , 2006 , 19, 610-3	4	30
110	Proteomic consequences of a single gene mutation in a colorectal cancer model. <i>Journal of Proteome Research</i> , 2012 , 11, 1184-95	5.6	29
109	Phospholipid-protein adducts of lipid peroxidation: synthesis and study of new biotinylated phosphatidylcholines. <i>Chemical Research in Toxicology</i> , 2007 , 20, 227-34	4	29

108	Safety Assessment of Talc as Used in Cosmetics. <i>International Journal of Toxicology</i> , 2015 , 34, 66S-129S	2.4	28
107	Safety assessment of <i>Vitis vinifera</i> (grape)-derived ingredients as used in cosmetics. <i>International Journal of Toxicology</i> , 2014 , 33, 48S-83S	2.4	28
106	Supporting tool suite for production proteomics. <i>Bioinformatics</i> , 2011 , 27, 3214-5	7.2	28
105	Alkylation of cytochrome c by (glutathion-S-yl)-1,4-benzoquinone and iodoacetamide demonstrates compound-dependent site specificity. <i>Chemical Research in Toxicology</i> , 2005 , 18, 41-50	4	28
104	Safety assessment of cyclomethicone, cyclotetrasiloxane, cyclopentasiloxane, cyclohexasiloxane, and cycloheptasiloxane. <i>International Journal of Toxicology</i> , 2011 , 30, 149S-227S	2.4	27
103	Inhibition of protein phosphatase 2A activity by selective electrophile alkylation damage. <i>Biochemistry</i> , 2006 , 45, 10020-9	3.2	26
102	N-Terminal amino acid side-chain cleavage of chemically modified peptides in the gas phase: a mass spectrometry technique for N-terminus identification. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 6213-22	3.4	26
101	Mass spectral characterization of dichloroacetic acid-modified human glutathione transferase zeta. <i>Chemical Research in Toxicology</i> , 2002 , 15, 1387-97	4	26
100	Relating protein adduction to gene expression changes: a systems approach. <i>Molecular BioSystems</i> , 2011 , 7, 2118-27		25
99	Selectively increased oxidative modifications mapped to detergent-insoluble forms of A β and beta-III tubulin in Alzheimer's disease. <i>FASEB Journal</i> , 2006 , 20, 1473-83	0.9	25
98	Using the CPTAC Assay Portal to Identify and Implement Highly Characterized Targeted Proteomics Assays. <i>Methods in Molecular Biology</i> , 2016 , 1410, 223-36	1.4	25
97	Sequence tagging reveals unexpected modifications in toxicoproteomics. <i>Chemical Research in Toxicology</i> , 2011 , 24, 204-16	4	24
96	Alkylation and inactivation of human glutathione transferase zeta (hGSTZ1-1) by maleylacetone and fumarylacetone. <i>Chemical Research in Toxicology</i> , 2002 , 15, 707-16	4	24
95	Assembly Dynamics and Stoichiometry of the Apoptosis Signal-regulating Kinase (ASK) Signalosome in Response to Electrophile Stress. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1947-61	7.6	23
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