

Simone Koenig

List of Publications by Year in descending order

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127
papers

3,362
citations

186209

28
h-index

168321

53
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135
all docs

135
docs citations

135
times ranked

5153
citing authors

#	ARTICLE	IF	CITATIONS
1	Substance P Serum Degradation in Complex Regional Pain Syndrome – Another Piece of the Puzzle?. <i>Journal of Pain</i> , 2022, 23, 501-507.	0.7	5
2	Isolated dextrogastrica with eventration of right hemidiaphragm and hiatal hernia in an adult male. <i>BMC Gastroenterology</i> , 2022, 22, 56.	0.8	1
3	High Angiotensin-Converting Enzyme and Low Carboxypeptidase N Serum Activity Correlate with Disease Severity in COVID-19 Patients. <i>Journal of Personalized Medicine</i> , 2022, 12, 406.	1.1	8
4	The Dysregulation of the Renin–Angiotensin System in COVID-19 Studied by Serum Proteomics: Angiotensinogen Increases with Disease Severity. <i>Molecules</i> , 2022, 27, 2495.	1.7	6
5	Gastric Cancer Pre-Stage Detection and Early Diagnosis of Gastritis Using Serum Protein Signatures. <i>Molecules</i> , 2022, 27, 2857.	1.7	7
6	Spectral quality overrides software score – A brief tutorial on the analysis of peptide fragmentation data for mass spectrometry laymen. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4616.	0.7	9
7	Long distance running – Can bioprofiling predict success in endurance athletes?. <i>Medical Hypotheses</i> , 2021, 146, 110474.	0.8	3
8	Convergent Evolution of a Promiscuous 3-Hydroxypropionyl-CoA Dehydratase/Crotonyl-CoA Hydratase in <i>Crenarchaeota</i> and <i>Thaumarchaeota</i> . <i>MSphere</i> , 2021, 6, .	1.3	5
9	High CO ₂ levels drive the TCA cycle backwards towards autotrophy. <i>Nature</i> , 2021, 592, 784-788.	13.7	75
10	Local and Systemic Expression Pattern of MMP-2 and MMP-9 in Complex Regional Pain Syndrome. <i>Journal of Pain</i> , 2021, 22, 1294-1302.	0.7	16
11	Protoporphyrin IX purification from blood and serum for mass analysis – Considerations with respect to neurosurgery. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9138.	0.7	0
12	Reduced serum protease activity in Complex Regional Pain Syndrome: The impact of angiotensin-converting enzyme and carboxypeptidases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114307.	1.4	3
13	Are formalin-fixed and paraffin-embedded tissues fit for proteomic analysis?. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4347.	0.7	13
14	Differential vs. comparative gel electrophoresis: New technology drives standardisation and quantification in protein two-dimensional gel electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115731.	5.8	4
15	Validation data for the use of bradykinin and substance P protease activity assays with capillary blood and blood cards. <i>Data in Brief</i> , 2020, 28, 104873.	0.5	3
16	Labeled substance P as a neuropeptide reporter substance for enzyme activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112953.	1.4	5
17	Fast oxidation of α -melanocyte-stimulating hormone and derived peptides under laboratory conditions causes irreproducible results – Insights from studies of prolylcarboxypeptidase in human cell types. <i>Pigment Cell and Melanoma Research</i> , 2020, 33, 378-382.	1.5	1
18	Derivatization of the amino acids glycine and valine causes peptide formation – relevance for the analysis of prebiotic oligomerization. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8912.	0.7	0

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19	ClbR Is the Key Transcriptional Activator of Colibactin Gene Expression in Escherichia coli. <i>MSphere</i> , 2020, 5, .	1.3	19
20	Cryptotanshinone from <i>Salvia miltiorrhiza</i> Roots Reduces Cytokeratin CK1/10 Expression in Keratinocytes by Activation of Peptidyl-prolyl-cis-trans-isomerase FKBP1A. <i>Planta Medica</i> , 2019, 85, 552-562.	0.7	7
21	Topographic protein profiling of the age-related proteome in the retinal pigment epithelium of <i>Callithrix jacchus</i> with respect to macular degeneration. <i>Journal of Proteomics</i> , 2019, 191, 1-15.	1.2	13
22	The hypertrehalosaemic neuropeptide conformational twins of cicadas consist of only l-amino acids: are they cis/trans isomers?. <i>Amino Acids</i> , 2019, 51, 1023-1028.	1.2	6
23	Identification of Ocular Autoantigens Associated With Juvenile Idiopathic Arthritis-Associated Uveitis. <i>Frontiers in Immunology</i> , 2019, 10, 1793.	2.2	19
24	Analysis of lacrimal gland derived mesenchymal stem cell secretome and its impact on epithelial cell survival. <i>Stem Cell Research</i> , 2019, 38, 101477.	0.3	15
25	Transcriptomic and proteomic analysis of iris tissue and aqueous humor in juvenile idiopathic arthritis-associated uveitis. <i>Journal of Autoimmunity</i> , 2019, 100, 75-83.	3.0	43
26	The serum protease network—one key to understand complex regional pain syndrome pathophysiology. <i>Pain</i> , 2019, 160, 1402-1409.	2.0	14
27	Comparative Two-Dimensional Fluorescence Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2018, 1664, 69-78.	0.4	2
28	d-Proline: Comment to “An overview on d-amino acids”. <i>Amino Acids</i> , 2018, 50, 359-361.	1.2	6
29	Dietary salt promotes ischemic brain injury and is associated with parenchymal migrasome formation. <i>PLoS ONE</i> , 2018, 13, e0209871.	1.1	28
30	Î2-1,3/1,4-Glucan Lichenan from <i>Cetraria islandica</i> (L.) ACH. induces cellular differentiation of human keratinocytes. <i>FÃ-toterapÃ-Ã¢</i> , 2018, 129, 226-236.	1.1	16
31	Cerebrospinal Fluid Concentrations of Neuronal Proteins Are Reduced in Primary Angiitis of the Central Nervous System. <i>Frontiers in Neurology</i> , 2018, 9, 407.	1.1	13
32	Autoinhibitory regulation of S100A8/S100A9 alarmin activity locally restricts sterile inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1852-1866.	3.9	166
33	A vote for robustness: Monitoring serum enzyme activity by thin-layer chromatography of dabsylated bradykinin products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 143, 199-203.	1.4	9
34	Ser71 of Î±S1—Casein is Phosphorylated in Breast Milk—Evidence from Targeted Mass Analysis. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700496.	1.5	4
35	The hypertrehalosemic neuropeptides of cicadas are structural isomers—evidence by ion mobility mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6415-6420.	1.9	6
36	Molecular signature of complex regional pain syndrome (CRPS) and its analysis. <i>Expert Review of Proteomics</i> , 2017, 14, 857-867.	1.3	16

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37	5-Imidazolyl- and 5-Tetrazolylalkylcarbamates as Inhibitors of Fatty Acid Amide Hydrolase: Biological Activity and in-vitro Metabolic Stability. <i>ChemMedChem</i> , 2016, 11, 429-443.	1.6	6
38	Lack of protection from development of multiple melanomas by an injected melanocortin analogue in a combined high-risk <i>MC1R</i> / <i>CDKN2A</i> genotype patient. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, e65-e67.	1.3	4
39	Pyrylium-based dye and charge tagging in proteomics. <i>Electrophoresis</i> , 2016, 37, 2953-2958.	1.3	10
40	Abundant cysteine side reactions in traditional buffers interfere with the analysis of posttranslational modifications and protein quantification – How to compromise. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1823-1828.	0.7	8
41	pI-Control in comparative fluorescence gel electrophoresis (CoFGE) using amphoteric azo dyes. <i>EuPA Open Proteomics</i> , 2015, 8, 36-39.	2.5	5
42	Xyloglucan from <i>Tropaeolum majus</i> Seeds Induces Cellular Differentiation of Human Keratinocytes by Inhibition of EGFR Phosphorylation and Decreased Activity of Transcription Factor CREB. <i>Biomacromolecules</i> , 2015, 16, 2157-2167.	2.6	12
43	Antiapoptotic activity of 30 kDa lipoproteins family from fat body tissue of silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2015, 22, 629-638.	1.5	8
44	Tumor Growth Inhibition via Occlusion of Tumor Vasculature Induced by N-Terminally PEGylated Retargeted Tissue Factor tTF-NGR. <i>Molecular Pharmaceutics</i> , 2015, 12, 3749-3758.	2.3	13
45	pI-Control in Comparative Fluorescence Gel Electrophoresis (CoFGE) using amphoteric azo dyes. <i>Data in Brief</i> , 2015, 3, 221-228.	0.5	5
46	Quantification of β -S1-casein in breast milk using a targeted mass spectrometry-based approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 103, 52-58.	1.4	19
47	Early cleavage of ethylene glycol bis(succinimidylsuccinate) (EGS) linker moieties during enzymatic digestion of cross-linked proteins. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2385-2388.	0.7	2
48	Horizontal comparative fluorescence two-dimensional gel electrophoresis for improved spot coordinate detection. <i>Electrophoresis</i> , 2014, 35, 1118-1121.	1.3	13
49	Protein Phosphatase 2A Is Regulated by Protein Kinase C \pm (PKC \pm)-dependent Phosphorylation of Its Targeting Subunit B56 \pm at Ser41. <i>Journal of Biological Chemistry</i> , 2014, 289, 163-176.	1.6	42
50	The tumor suppressor annexin A10 is a novel component of nuclear paraspeckles. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 311-329.	2.4	16
51	Investigating infection processes with a workflow from organic chemistry to biophysics: the combination of metabolic glycoengineering, super-resolution fluorescence imaging and proteomics. <i>Expert Review of Proteomics</i> , 2013, 10, 25-31.	1.3	8
52	Anticancer Therapy by Tumor Vessel Infarction with Polyethylene Glycol Conjugated Retargeted Tissue Factor. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2337-2347.	2.9	26
53	Macula-less rat and macula-bearing monkey retinas exhibit common lifelong proteomic changes. <i>Neurobiology of Aging</i> , 2013, 34, 2659-2675.	1.5	21
54	Arabinogalactan protein cluster from <i>Jatropha curcas</i> seed embryo contains fasciclin, xylogen and LysM proteins. <i>Carbohydrate Polymers</i> , 2013, 98, 522-531.	5.1	15

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55	Side reactions in protein cross-linking experiments using azide linkers. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1887-1890.	0.7	2
56	Clinical Transplantation of Individualized Recipient Serum-Adapted Cornea Reduces the Risk of Graft Rejection after Keratoplasty. <i>Cell Transplantation</i> , 2013, 22, 477-491.	1.2	3
57	Vitellogenin from the Silkworm, <i>Bombyx mori</i> : An Effective Anti-Bacterial Agent. <i>PLoS ONE</i> , 2013, 8, e73005.	1.1	38
58	Chemical Phosphorylation of Histidine Residues in Proteins Using Potassium Phosphoramidate – a Tool for the Analysis of Acid-Labile Phosphorylation. <i>Current Drug Delivery</i> , 2013, 10, 58-63.	0.8	14
59	Progress in Bioanalysis of Protein Histidine Phosphorylation. <i>Journal of Analytical & Bioanalytical Techniques</i> , 2012, 03, .	0.6	0
60	Gene construction, expression and functional testing of an inotropic peptide from the venom of the black scorpion <i>Hottentotta judaicus</i> . <i>Toxicon</i> , 2012, 60, 1415-1427.	0.8	3
61	Proteoglycans from <i>Boswellia serrata</i> Roxb. and <i>B. carteri</i> Birdw. and identification of a proteolytic plant basic secretory protein. <i>Glycobiology</i> , 2012, 22, 1424-1439.	1.3	27
62	The ephrin receptor tyrosine kinase A2 is a cellular receptor for Kaposi's sarcoma-associated herpesvirus. <i>Nature Medicine</i> , 2012, 18, 961-966.	15.2	172
63	Comparative fluorescence two-dimensional gel electrophoresis using a gel strip sandwich assembly for the simultaneous on-gel generation of a reference protein spot grid. <i>Electrophoresis</i> , 2012, 33, 1406-1410.	1.3	16
64	Hydrolase-Like Properties of a Cofactor-Independent Dioxygenase. <i>ChemBioChem</i> , 2012, 13, 1125-1127.	1.3	6
65	A proteomic view on the developmental transfer of homologous 30 kDa lipoproteins from peripheral fat body to perivisceral fat body via hemolymph in silkworm, <i>Bombyx mori</i> . <i>BMC Biochemistry</i> , 2012, 13, 5.	4.4	14
66	ATP-NGF-complex, but not NGF, is the neuroprotective ligand. <i>Neurochemistry International</i> , 2011, 59, 989-995.	1.9	4
67	Nitration of Tyrosine 10 Critically Enhances Amyloid β^2 Aggregation and Plaque Formation. <i>Neuron</i> , 2011, 71, 833-844.	3.8	259
68	Impact of Quenching Failure of Cy Dyes in Differential Gel Electrophoresis. <i>PLoS ONE</i> , 2011, 6, e18098.	1.1	4
69	MALDI-TOF High Mass Calibration up to 200 kDa Using Human Recombinant 16 kDa Protein Histidine Phosphatase Aggregates. <i>PLoS ONE</i> , 2011, 6, e23612.	1.1	9
70	Henry M. Fales, February 12, 1927 – October 28, 2010. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 789-790.	1.2	0
71	Binding of ATP to vascular endothelial growth factor isoform VEGF-A165 is essential for inducing proliferation of human umbilical vein endothelial cells. <i>BMC Biochemistry</i> , 2011, 12, 28.	4.4	18
72	Small colony variants of <i>Staphylococcus aureus</i> reveal distinct protein profiles. <i>Proteomics</i> , 2011, 11, 2476-2490.	1.3	85

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73	Urine molecular profiling distinguishes health and disease: new methods in diagnostics? Focus on UPLC-MS. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 383-391.	1.5	14
74	Field-based ion generation from microscale emitters on natural and artificial objects for atmospheric pressure mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3311-3316.	1.9	10
75	Stepchild phosphohistidine: acid-labile phosphorylation becomes accessible by functional proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3209-3212.	1.9	15
76	Analytical tools for cell research. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3161-3162.	1.9	0
77	False labelling due to quenching failure of <i>N</i> -hydroxy-succinimide-ester-coupled dyes. <i>Proteomics</i> , 2010, 10, 1525-1529.	1.3	12
78	Binding of ATP to nerve growth factor: Characterization and relevance for bioactivity. <i>Neurochemistry International</i> , 2010, 56, 276-284.	1.9	11
79	Critical Role of Transcription Factor Cyclic AMP Response Element Modulator in β 1-Adrenoceptor-Mediated Cardiac Dysfunction. <i>Circulation</i> , 2009, 119, 79-88.	1.6	38
80	Target coatings and desorption surfaces in biomolecular MALDI-MS. <i>Proteomics</i> , 2008, 8, 706-714.	1.3	21
81	Detection of ATP-binding to growth factors. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 91-95.	1.2	20
82	<i>Ralstonia eutropha</i> H16 Flagellation Changes According to Nutrient Supply and State of Poly(3-Hydroxybutyrate) Accumulation. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4477-4490.	1.4	34
83	Up-regulation of nestin in the infarcted myocardium potentially indicates differentiation of resident cardiac stem cells into various lineages including cardiomyocytes. <i>FASEB Journal</i> , 2008, 22, 1021-1031.	0.2	45
84	Biological activity and identification of neuropeptides in the neurosecretory complexes of the cabbage pest insect, <i>Mamestra brassicae</i> (Noctuidae; Lepidoptera). <i>Acta Biologica Hungarica</i> , 2008, 59, 385-402.	0.7	11
85	Homologous housekeeping proteins in <i>Nocardia</i> - the NoDaMS proteomic database. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 842.	3.0	4
86	Nef protein of human immunodeficiency virus type 1 binds its own myristoylated N-terminus. <i>Biological Chemistry</i> , 2007, 388, 181-183.	1.2	6
87	Terminating the Stress: Peripheral Peptidolysis of Proopiomelanocortin-Derived Regulatory Hormones by the Dermal Microvascular Endothelial Cell Extracellular Peptidases Neprilysin and Angiotensin-Converting Enzyme. <i>Endocrinology</i> , 2007, 148, 2793-2805.	1.4	16
88	Both Estrogen Receptor Subtypes, α and β , Attenuate Cardiovascular Remodeling in Aldosterone Salt-Treated Rats. <i>Hypertension</i> , 2007, 50, 432-438.	1.3	64
89	Regeneration of retinal ganglion cell axons in organ culture is increased in rats with hereditary buphthalmos. <i>Experimental Eye Research</i> , 2007, 85, 90-104.	1.2	14
90	Generation of Highly Charged Peptide and Protein Ions by Atmospheric Pressure Matrix-Assisted Infrared Laser Desorption/Ionization Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 5484-5488.	3.2	40

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91	Heat-shock protein HspA mimics the function of phasins sensu stricto in recombinant strains of Escherichia coli accumulating polythioesters or polyhydroxyalkanoates. Microbiology (United Kingdom) 147, 1075-1083. doi:10.1093/aeg/hyq011	0.7	25
92	Selective activation of estrogen receptor- α or β attenuates cardiac hypertrophy and fibrosis in aldosterone-salt treated rats; a proteomic approach to identify specific target genes for ER- α and ER- β by 2D-DIGE and MALDI-TOF. Journal of Molecular and Cellular Cardiology, 2006, 40, 947.	0.9	0
93	Identification of poly(ADP-ribose)polymerase-1 and Ku70/Ku80 as transcriptional regulators of S100A9 gene expression. BMC Molecular Biology, 2006, 7, 48.	3.0	26
94	Monitoring neuropeptide-specific proteases: processing of the proopiomelanocortin peptides adrenocorticotropin and α -melanocyte-stimulating hormone in the skin. Experimental Dermatology, 2006, 15, 751-761.	1.4	16
95	Mass Analysis Peptide Sequence Prediction (MAPSP). Bioinformatics, 2006, 22, 1002-1003.	1.8	4
96	Follicular Fluid High Density Lipoprotein-associated Sphingosine 1-Phosphate Is a Novel Mediator of Ovarian Angiogenesis. Journal of Biological Chemistry, 2006, 281, 5398-5405.	1.6	66
97	Allosteric hormones in Lumbricus terrestris? Mass spectrometry of the setal gland product indicates possible role of ubiquitin. Invertebrate Reproduction and Development, 2006, 49, 103-111.	0.3	6
98	Prediction of insect adipokinetic hormone sequences assists in de novo structure elucidation. Rapid Communications in Mass Spectrometry, 2005, 19, 2103-2104.	0.7	4
99	Mass spectral signature for insect adipokinetic hormones. Rapid Communications in Mass Spectrometry, 2005, 19, 3021-3024.	0.7	20
100	Functional Protein Analysis Using Mass Spectrometry. Current Organic Chemistry, 2005, 9, 875-887.	0.9	1
101	Surface Plasmon Resonance/Mass Spectrometry Interface. Analytical Chemistry, 2005, 77, 1157-1162.	3.2	49
102	Sequence analysis of earthworm hemolysins. Spectroscopy, 2004, 18, 347-353.	0.8	1
103	The impact of chromatography and mass spectrometry on the analysis of protein phosphorylation sites. Analytical and Bioanalytical Chemistry, 2004, 378, 898-909.	1.9	32
104	Acid-labile surfactant assists in-solution digestion of proteins resistant to enzymatic attack. Rapid Communications in Mass Spectrometry, 2004, 18, 822-824.	0.7	25
105	A rapid nonradioactive peptide phosphorylation assay. Journal of Experimental Therapeutics and Oncology, 2003, 3, 59-61.	0.5	3
106	Sodium dodecyl sulfate versus acid-labile surfactant gel electrophoresis: Comparative proteomic studies on rat retina and mouse brain. Electrophoresis, 2003, 24, 751-756.	1.3	31
107	Mass spectrometric analyses of CL39, CL41 and H1, H2, H3 confirm identity with fetidin and lysenin produced by earthworm leukocytes. Developmental and Comparative Immunology, 2003, 27, 513-520.	1.0	21
108	Ca ²⁺ -dependent Binding and Activation of Dormant Ezrin by Dimeric S100P. Molecular Biology of the Cell, 2003, 14, 2372-2384.	0.9	99

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109	Concanamycin A, the Specific Inhibitor of V-ATPases, Binds to the Vo Subunit c. <i>Journal of Biological Chemistry</i> , 2002, 277, 40544-40548.	1.6	241
110	S100A8, S100A9 and the S100A8/A9 heterodimer complex specifically bind to human endothelial cells: identification and characterization of ligands for the myeloid-related proteins S100A9 and S100A8/A9 on human dermal microvascular endothelial cell line-1 cells. <i>International Immunology</i> , 2002, 14, 287-297.	1.8	31
111	Activation Mechanism of Pro-astacin: Role of the Pro-peptide, Tryptic and Autoproteolytic Cleavage and Importance of Precise Amino-terminal Processing. <i>Journal of Molecular Biology</i> , 2002, 324, 237-246.	2.0	47
112	Post-translational N- and C-terminal processing in the development of wheat leaf β -amylase polymorphism from an hitherto undetected primary gene product. <i>Plant Physiology and Biochemistry</i> , 2002, 40, 101-109.	2.8	2
113	Hydrophobic targets for MALDI mass spectrometry. <i>BioTechniques</i> , 2002, 32, 912, 914-5.	0.8	0
114	Use of nonspecific cleavage products for protein sequence analysis as shown on calyculin isolated from human granulocytes. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 1180-1185.	1.2	18
115	Evidence for perforin-like activity associated with earthworm leukocytes. <i>Zoology</i> , 2001, 104, 13-24.	0.6	32
116	Capillary electrophoresis and off-line capillary electrophoresis-electrospray ionization quadrupole time-of-flight tandem mass spectrometry of carbohydrates. <i>Journal of Chromatography A</i> , 2000, 895, 291-299.	1.8	33
117	Measurement of dipolar couplings in a transducin peptide fragment weakly bound to oriented photo-activated rhodopsin. <i>Journal of Biomolecular NMR</i> , 2000, 16, 121-125.	1.6	52
118	Peptidylglycine- β -Hydroxylating Monooxygenase Generates Two Hydroxylated Products from Its Mechanism-Based Suicide Substrate, 4-Phenyl-3-butenic Acid. <i>Biochemistry</i> , 2000, 39, 8007-8016.	1.2	16
119	Calibration of mass ranges up to m/z 10,000 in electrospray mass spectrometers. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 273-276.	1.2	29
120	Regulation of PTP1B via Glutathionylation of the Active Site Cysteine 215. <i>Biochemistry</i> , 1999, 38, 6699-6705.	1.2	455
121	Identification of the oxidation states of the active site cysteine in a recombinant protein tyrosine phosphatase by electrospray mass spectrometry using on-line desalting. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1457-1462.	0.7	15
122	Formation and decomposition of water clusters as observed in a triple quadrupole mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 1998, 9, 814-822.	1.2	38
123	Comment on the Cylindrical Capacitor Electrospray Interface. <i>Analytical Chemistry</i> , 1998, 70, 4453-4455.	3.2	29
124	Phosphorylation Destabilizes the Amino-Terminal Domain of Enzyme I of the Escherichia coli Phosphoenolpyruvate: Sugar Phosphotransferase System. <i>Biochemistry</i> , 1998, 37, 6718-6726.	1.2	40
125	On-Line Microdialysis for Mass Spectrometry. <i>BioTechniques</i> , 1998, 24, 712-716.	0.8	3
126	Gradient-Based Automated Protein Folding. <i>BioTechniques</i> , 1997, 23, 1010-1014.	0.8	0

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127	Protein Expression Analysis. , 0, , 623-702.		0