Kenneth C Parker

List of Publications by Year
in descending order

30 papers	5,267 citations	304743 22 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	7129 citing authors

#	Article	IF	Citations
1	Multiplexed Protein Quantitation in Saccharomyces cerevisiae Using Amine-reactive Isobaric Tagging Reagents. Molecular and Cellular Proteomics, 2004, 3, 1154-1169.	3.8	3,873
2	Robust Prediction of the MASCOT Score for an Improved Quality Assessment in Mass Spectrometric Proteomics. Journal of Proteome Research, 2008, 7, 3708-3717.	3.7	182
3	Interferonâ€stimulated gene 15 (ISG15) conjugates proteins in dermatomyositis muscle with perifascicular atrophy. Annals of Neurology, 2010, 67, 53-63.	5.3	153
4	Reconstitution by MHC-restricted peptides of HLA-A2 heavy chain with Î²2-microglobulin, in vitro. Nature, 1991, 350, 619-622.	27.8	98
5	Toward a high-throughput approach to quantitative proteomic analysis: Expression-dependent protein identification by mass spectrometry. Journal of the American Society for Mass Spectrometry, 2001, 12, 1238-1246.	2.8	93
6	Identification of yeast proteins from two-dimensional gels: Working out spot cross-contamination. Electrophoresis, 1998, 19, 1920-1932.	2.4	88
7	Peptide binding to MHC class I molecules: Implications for antigenic peptide prediction. Immunologic Research, 1995, 14, 34-57.	2.9	83
8	Different phosphorylation states of the anaphase promoting complex in response to antimitotic drugs: A quantitative proteomic analysis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6069-6074.	7.1	77
9	Characterization of Human Skeletal Muscle Biopsy Samples Using Shotgun Proteomics. Journal of Proteome Research, 2009, 8, 3265-3277.	3.7	68
10	Identification of an epitope derived from human proteolipid protein that can induce autoreactive CD8+ cytotoxic T lymphocytes restricted by HLA-A3: evidence for cross-reactivity with an environmental microorganism. Journal of Neuroimmunology, 1997, 73, 7-14.	2.3	50
11	Scoring methods in MALDI peptide mass fingerprinting: ChemScore, and the ChemApplex program. Journal of the American Society for Mass Spectrometry, 2002, 13, 22-39.	2.8	47
12	Memory T-Cell Responses to Vibrio cholerae O1 Infection. Infection and Immunity, 2009, 77, 5090-5096.	2.2	46
13	Pocket Mutations of HLA-B27 Show That Anchor Residues Act Cumulatively to Stabilize Peptide Binding. Biochemistry, 1994, 33, 7736-7743.	2.5	44
14	Fastâ€twitch sarcomeric and glycolytic enzyme protein loss in inclusion body myositis. Muscle and Nerve, 2009, 39, 739-753.	2.2	41
15	Depth of Proteome Issues. Molecular and Cellular Proteomics, 2004, 3, 625-659.	3.8	38
16	Localization of the sites of iodination of human .beta.2-microglobulin; quaternary structure implications for histocompatibility antigens. Biochemistry, 1983, 22, 1145-1153.	2.5	37
17	Overexpression of native human Î²-microglobulin in Escherichia coli and its purification. Gene, 1989, 83, 117-124.	2.2	29
18	Methodology Utilizing MS Signal Intensity and LC Retention Time for Quantitative Analysis and Precursor Ion Selection in Proteomic LC-MALDI Analyses. Analytical Chemistry, 2006, 78, 7986-7996.	6.5	29

#	Article	IF	Citations
19	Plasmodium falciparum Pfs40, renamed Pf39, is localized to an intracellular membrane-bound compartment and is not sexual stage-specific. Molecular and Biochemical Parasitology, 1997, 90, 359-365.	1.1	28
20	Nature of â€œTauâ€•immunoreactivity in normal myonuclei and inclusion body myositis. Muscle and Nerve, 2009, 40, 520-528.	2.2	26
21	MALDI-TOF based mutation detection using tagged in vitro synthesized peptides. Nature Biotechnology, 2000, 18, 95-97.	17.5	25
22	Proteomic Analysis of Vibrio cholerae in Human Stool. Infection and Immunity, 2008, 76, 4145-4151.	2.2	25
23	Result-driven strategies for protein identification and quantitationâ€“ a way to optimize experimental design and derive reliable results. Proteomics, 2004, 4, 474-489.	2.2	22
24	Analysis and Quantitation of Glycated Hemoglobin by Matrix Assisted Laser Desorption/Ionization Time of Flight Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2016, 27, 532-541.	2.8	21
25	Peptide fingerprints after partial acid hydrolysis: Analysis by matrixâ€assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 1994, 8, 1007-1010.	1.5	17
26	An HLA-A2/Î²2-microglobulin/peptide complex assembled from subunits expressed separately in Escherichia coli. Molecular Immunology, 1992, 29, 371-378.	2.2	12
27	Electronic Western blot of matrix-assisted laser desorption/ionization mass spectrometric-identified polypeptides from parallel processed gel-separated proteins. Analytical Biochemistry, 2004, 332, 337-348.	2.4	11
28	Using Matrix-Assisted Laser Desorption/Ionization Time of Flight Spectra To Elucidate Species Boundaries by Matching to Translated DNA Databases. Journal of the American Society for Mass Spectrometry, 2020, 31, 73-84.	2.8	4
29	Bifunctional Glass Membrane Designed to Interface SDS-PAGE Separations of Proteins with the Detection of Peptides by Mass Spectrometry. Analytical Chemistry, 2015, 87, 3685-3693.	6.5	0
30	Epitope Prediction Algorithms for Class I MHC Molecules. , 1996, , 163-180.		0