

Pier Giorgio Righetti

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.

642 papers	24,047 citations	70 h-index	118 g-index
672 ext. papers	25,426 ext. citations	4.1 avg, IF	6.76 L-index

#	Paper	IF	Citations
642	Jack London and White Fang: a lost struggle. <i>Comptes Rendus Chimie</i> , 2022 , 25, 115-123	2.7	
641	Richard the Lionheart and the Ferocious Saladin Face to Face in Arsuf: A Proteomic Study. <i>Heritage</i> , 2021 , 4, 3382-3401	1.6	
640	Fiat Lux ... how Alessandro Volta illuminated his scripts. <i>Comptes Rendus Chimie</i> , 2021 , 24, 361-371	2.7	0
639	Radial distribution of figures in Leonardo's and Renaissance paintings. <i>Digital Applications in Archaeology and Cultural Heritage</i> , 2021 , 20, e00178	2.1	
638	New baits for fishing in cultural heritage's Mare Magnum. <i>Journal of Proteomics</i> , 2021 , 235, 104113	3.9	4
637	Software Binxit Hail Magister Leonardo!. <i>Heritage</i> , 2021 , 4, 917-936	1.6	
636	Meta-proteomic analysis of the Shandrin mammoth by EVA technology and high-resolution mass spectrometry: what is its gut microbiota telling us?. <i>Amino Acids</i> , 2021 , 53, 1507-1521	3.5	0
635	Combinatorial peptides: A library that continuously probes low-abundance proteins. <i>Electrophoresis</i> , 2021 ,	3.6	2
634	Proteomics and metabolomics composition of the ink of a letter in a fragment of a Dead Sea Scroll from Cave 11 (P1032-Fr0). <i>Journal of Proteomics</i> , 2021 , 249, 104370	3.9	1
633	"1984": What Orwell could not predict. Proteomic analysis of his scripts. <i>Electrophoresis</i> , 2020 , 41, 1931-1940	3.6	2
632	Never boring: Non-invasive palaeoproteomics of mummified human skin. <i>Journal of Archaeological Science</i> , 2020 , 119, 105145	2.9	5
631	Detection of Plant Low-Abundance Proteins by Means of Combinatorial Peptide Ligand Library Methods. <i>Methods in Molecular Biology</i> , 2020 , 2139, 381-404	1.4	
630	A novel tool for assessing microbiomes in cultural heritage documents. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 949, 012116	0.4	
629	EVA Technology and Proteomics: A Two-Pronged Attack on Cultural Heritage. <i>Journal of Proteome Research</i> , 2020 , 19, 2914-2925	5.6	6
628	Associating 2-DE and CPLs for low-abundance protein discovery: A winning strategy 2020 , 183-207		
627	Surface analysis of ancient parchments via the EVA film: The Aleppo Codex. <i>Analytical Biochemistry</i> , 2020 , 604, 113824	3.1	7
626	Stalin's "black dog": a postmortem diagnosis. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 7701-7708	4.4	1

625	Low-abundance plant protein enrichment with peptide libraries to enlarge proteome coverage and related applications. <i>Plant Science</i> , 2020 , 290, 110302	5.3	4
624	What Sherlock sorely missed: the EVA technology for cultural heritage exploration. <i>Expert Review of Proteomics</i> , 2019 , 16, 533-542	4.2	6
623	De re metallica. Johannes Kepler and alchemy. <i>Talanta</i> , 2019 , 204, 82-88	6.2	5
622	Il n'y a pas d'amour heureux pour Casanova: Chemical- and bio-analysis of his Memoirs. <i>Electrophoresis</i> , 2019 , 40, 3050-3056	3.6	8
621	Leonardo's Donna Nuda unveiled. <i>Journal of Proteomics</i> , 2019 , 207, 103450	3.9	12
620	Progress in farm animal proteomics: The contribution of combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2019 , 197, 1-13	3.9	11
619	Proteomic fingerprinting of apple fruit, juice, and cider via combinatorial peptide ligand libraries and MS analysis. <i>Electrophoresis</i> , 2019 , 40, 266-271	3.6	6
618	Noninvasive wearable sensor for indirect glucometry. <i>Electrophoresis</i> , 2018 , 39, 2344-2350	3.6	3
617	Of mice and men: Traces of life in the death registries of the 1630 plague in Milano. <i>Journal of Proteomics</i> , 2018 , 180, 128-137	3.9	22
616	Towards the non-invasive proteomic analysis of cultural heritage objects. <i>Microchemical Journal</i> , 2018 , 139, 450-457	4.8	25
615	Anton Chekhov and Robert Koch Cheek to Cheek: A Proteomic Study. <i>Proteomics</i> , 2018 , 18, e1700447	4.8	15
614	Protein biomarkers for early detection of diseases: The decisive contribution of combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2018 , 188, 1-14	3.9	26
613	Novel low-abundance allergens from mango via combinatorial peptide libraries treatment: A proteomics study. <i>Food Chemistry</i> , 2018 , 269, 652-660	8.5	15
612	Method for Noninvasive Analysis of Proteins and Small Molecules from Ancient Objects. <i>Analytical Chemistry</i> , 2017 , 89, 3310-3317	7.8	33
611	A miniaturized sensor for detection of formaldehyde fumes. <i>Electrophoresis</i> , 2017 , 38, 2168-2174	3.6	12
610	Proteomic fingerprinting of mistletoe (<i>Viscum album</i> L.) via combinatorial peptide ligand libraries and mass spectrometry analysis. <i>Journal of Proteomics</i> , 2017 , 164, 52-58	3.9	8
609	Proteomics of Grapevines and Wines 2017 , 405-414		
608	Unearthing Bulgakov's trace proteome from the Master i Margarita manuscript. <i>Journal of Proteomics</i> , 2017 , 152, 102-108	3.9	27

607	Polyphemus, Odysseus and the ovine milk proteome. <i>Journal of Proteomics</i> , 2017 , 152, 58-74	3.9	10
606	Orange proteomic fingerprinting: From fruit to commercial juices. <i>Food Chemistry</i> , 2016 , 196, 739-49	8.5	26
605	Identification of plum and peach seed proteins by nLC-MS/MS via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2016 , 148, 105-12	3.9	12
604	An in depth proteomic analysis based on ProteoMiner, affinity chromatography and nano-HPLC-MS/MS to explain the potential health benefits of bovine colostrum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 121, 297-306	3.5	15
603	Global proteome analysis in plants by means of peptide libraries and applications. <i>Journal of Proteomics</i> , 2016 , 143, 3-14	3.9	24
602	Maestro, Marguerite, morphine: The last years in the life of Mikhail Bulgakov. <i>Journal of Proteomics</i> , 2016 , 131, 199-204	3.9	21
601	The secrets of Oriental panacea: Panax ginseng. <i>Journal of Proteomics</i> , 2016 , 130, 150-9	3.9	15
600	Zeus, Aesculapius, Amalthea and the proteome of goat milk. <i>Journal of Proteomics</i> , 2015 , 128, 69-82	3.9	21
599	Widening and diversifying the proteome capture by combinatorial peptide ligand libraries via Alcian Blue dye binding. <i>Analytical Chemistry</i> , 2015 , 87, 4814-20	7.8	15
598	From hundreds to thousands: Widening the normal human Urinome (1). <i>Journal of Proteomics</i> , 2015 , 112, 53-62	3.9	35
597	Combinatorial peptide ligand libraries as a "Trojan Horse" in deep discovery proteomics. <i>Analytical Chemistry</i> , 2015 , 87, 293-305	7.8	27
596	A sarabande of tropical fruit proteomics: Avocado, banana, and mango. <i>Proteomics</i> , 2015 , 15, 1639-45	4.8	15
595	Proteomics of fruits and beverages. <i>Current Opinion in Food Science</i> , 2015 , 4, 76-85	9.8	13
594	Extensive heterogeneity of human urokinase, as detected by two-dimensional mapping. <i>Analytical Chemistry</i> , 2015 , 87, 1509-13	7.8	3
593	Sample treatment methods involving combinatorial peptide ligand libraries for improved proteomes analyses. <i>Methods in Molecular Biology</i> , 2015 , 1243, 55-82	1.4	8
592	Mixed-bed affinity chromatography: principles and methods. <i>Methods in Molecular Biology</i> , 2015 , 1286, 131-58	1.4	
591	It's time to pop a cork on champagne's proteome!. <i>Journal of Proteomics</i> , 2014 , 105, 351-62	3.9	19
590	Plant proteomics methods to reach low-abundance proteins. <i>Methods in Molecular Biology</i> , 2014 , 1072, 111-29	1.4	7

589	From hundreds to thousands: Widening the normal human Urinome. <i>Data in Brief</i> , 2014 , 1, 25-8	1.2	11
588	According to the CPLL proteome sheriffs, not all aperitifs are created equal!. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 1493-9	4	5
587	Making Progress in Plant Proteomics for Improved Food Safety. <i>Comprehensive Analytical Chemistry</i> , 2014 , 64, 131-155	1.9	2
586	The "Dark Side" of Food Stuff Proteomics: The CPLL-Marshals Investigate. <i>Foods</i> , 2014 , 3, 217-237	4.9	4
585	The Monkey King: a personal view of the long journey towards a proteomic Nirvana. <i>Journal of Proteomics</i> , 2014 , 107, 39-49	3.9	6
584	The need for agriculture phenotyping: "moving from genotype to phenotype". <i>Journal of Proteomics</i> , 2013 , 93, 20-39	3.9	17
583	Biomedical Involvements of Low-Abundance Proteins 2013 , 197-231		
582	Combinatorial peptide libraries to overcome the classical affinity-enrichment methods in proteomics. <i>Amino Acids</i> , 2013 , 45, 219-29	3.5	17
581	Plant Proteomics and Food and Beverage Analysis via CPLL Capture 2013 , 159-196		
580	Analytical approaches for the characterization and identification of olive (<i>Olea europaea</i>) oil proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10384-91	5.7	6
579	Bioanalysis: Heri, hodie, cras. <i>Electrophoresis</i> , 2013 , 34, 1442-51	3.6	4
578	The peel and pulp of mango fruit: a proteomic samba. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2539-45	4	25
577	Lemon peel and Limoncello liqueur: a proteomic duet. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 1484-91	4	14
576	Optimized sample treatment protocol by solid-phase peptide libraries to enrich for protein traces. <i>Amino Acids</i> , 2013 , 45, 1431-42	3.5	9
575	Current Gel Electrophoresis Approaches to Low-Abundance Protein Marker Discovery 2013 , 175-190		
574	In-depth proteomic analysis of banana (<i>Musa spp.</i>) fruit with combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2013 , 34, 207-14	3.6	36
573	Capillary electrophoresis and isoelectric focusing in peptide and protein analysis. <i>Proteomics</i> , 2013 , 13, 325-40	4.8	126
572	Reproducibility of combinatorial peptide ligand libraries for proteome capture evaluated by selected reaction monitoring. <i>Journal of Proteomics</i> , 2013 , 89, 215-26	3.9	14

571	A decade of plant proteomics and mass spectrometry: translation of technical advancements to food security and safety issues. <i>Mass Spectrometry Reviews</i> , 2013 , 32, 335-65	11	59
570	Proteomic analysis of <i>Lycium barbarum</i> (Goji) fruit via combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2013 , 34, 1729-1736	3.6	9
569	Combinatorial ligand libraries as a two-dimensional method for proteome analysis. <i>Journal of Chromatography A</i> , 2013 , 1297, 106-12	4.5	17
568	Artichoke and Cynar liqueur: two (not quite) entangled proteomes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 119-26	4	15
567	Chromatographic and Electrophoretic Prefractionation Tools in Proteome Analysis 2013 , 13-40		
566	Introducing Low-Abundance Species in Proteome Analysis 2013 , 1-11		1
565	Low-Abundance Protein Access by Combinatorial Peptide Libraries 2013 , 79-157		
564	Other Applications of Combinatorial Peptide Libraries 2013 , 233-261		
563	Current Low-Abundance Protein Access 2013 , 41-77		1
562	Detailed Methodologies and Protocols 2013 , 263-319		2
561	Identification of olive (<i>Olea europaea</i>) seed and pulp proteins by nLC-MS/MS via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2012 , 75, 2396-403	3.9	32
560	Allergomic study of cypress pollen via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2012 , 77, 101-10	3.9	32
559	"Cheek-to-cheek" urinary proteome profiling via combinatorial peptide ligand libraries: A novel, unexpected elution system. <i>Journal of Proteomics</i> , 2012 , 75, 796-805	3.9	26
558	Resurrexit, sicut dixit, alleluia. Snake venomomics from a 26-year old polyacrylamide focusing gel. <i>Journal of Proteomics</i> , 2012 , 75, 1074-8	3.9	6
557	Harry Belafonte and the secret proteome of coconut milk. <i>Journal of Proteomics</i> , 2012 , 75, 914-20	3.9	28
556	Ginger Rogers? No, Ginger Ale and its invisible proteome. <i>Journal of Proteomics</i> , 2012 , 75, 1960-5	3.9	13
555	The Silk Road, Marco Polo, a Bible and its proteome: a detective story. <i>Journal of Proteomics</i> , 2012 , 75, 3365-73	3.9	24
554	Anyone for an aperitif? Yes, but only a Braulio DOC with its certified proteome. <i>Journal of Proteomics</i> , 2012 , 75, 3374-9	3.9	10

553	Assessment of the floral origin of honey via proteomic tools. <i>Journal of Proteomics</i> , 2012 , 75, 3688-93	3.9	53
552	Mark Twain: how to fathom the depth of your pet proteome. <i>Journal of Proteomics</i> , 2012 , 75, 4783-91	3.9	9
551	Breakfast at Tiffany's? Only with a low-abundance proteomic signature!. <i>Electrophoresis</i> , 2012 , 33, 2228-30	3.9	15
550	Identification of avocado (<i>Persea americana</i>) pulp proteins by nano-LC-MS/MS via combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2012 , 33, 2799-805	3.6	33
549	Polar electrophoresis: shape of two-dimensional maps is as important as size. <i>PLoS ONE</i> , 2012 , 7, e30911	3.7	4
548	"The quest for biomarkers": are we on the right technical track?. <i>Proteomics - Clinical Applications</i> , 2012 , 6, 22-41	3.1	20
547	Exploration of the sea urchin coelomic fluid via combinatorial peptide ligand libraries. <i>Biological Bulletin</i> , 2012 , 222, 93-104	1.5	8
546	Mixed Beds. Beyond the Frontiers of Classical Chromatography for Proteins. <i>Advances in Chromatography</i> , 2012 , 50, 1-46		1
545	Conventional isoelectric focusing. In gel slabs and capillaries and immobilized pH gradients. <i>Methods of Biochemical Analysis</i> , 2011 , 54, 379-409		4
544	Mehercules, adhuc Bacchus! The debate on wine proteomics continues. <i>Journal of Proteome Research</i> , 2011 , 10, 3789-801	5.6	32
543	Poppea's bath liquor: the secret proteome of she-donkey's milk. <i>Journal of Proteomics</i> , 2011 , 74, 2083-99	3.9	39
542	Cibacron Blue and proteomics: the mystery of the platoon missing in action. <i>Journal of Proteomics</i> , 2011 , 74, 2856-65	3.9	8
541	Horam nonam exclamavit: sitio. The trace proteome of your daily vinegar. <i>Journal of Proteomics</i> , 2011 , 75, 718-24	3.9	13
540	Facing challenges in Proteomics today and in the coming decade: Report of Roundtable Discussions at the 4th EuPA Scientific Meeting, Portugal, Estoril 2010. <i>Journal of Proteomics</i> , 2011 , 75, 4-17	3.9	8
539	Recent advances in electrophoretic techniques for the characterization of protein biomolecules: a poker of aces. <i>Journal of Chromatography A</i> , 2011 , 1218, 8727-37	4.5	21
538	Investigation of the applicability of Zernike moments to the classification of SDS 2D-PAGE maps. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1419-31	4.4	7
537	Mixed-bed chromatography as a way to resolve peculiar protein fractionation situations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 827-35	3.2	3
536	Combinatorial peptide ligand libraries: the conquest of the 'hidden proteome' advances at great strides. <i>Electrophoresis</i> , 2011 , 32, 960-6	3.6	38

535	"Proteomineering" serum biomarkers. A study in scarlet. <i>Electrophoresis</i> , 2011 , 32, 976-80	3.6	9
534	Plasma proteomics for biomarker discovery: a study in blue. <i>Electrophoresis</i> , 2011 , 32, 3638-44	3.6	11
533	Going nuts for nuts? The trace proteome of a Cola drink, as detected via combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2011 , 10, 2684-6	5.6	20
532	Popeye strikes again: The deep proteome of spinach leaves. <i>Journal of Proteomics</i> , 2011 , 74, 127-36	3.9	42
531	"Proteomineering" or not? The debate on biomarker discovery in sera continues. <i>Journal of Proteomics</i> , 2011 , 74, 589-94	3.9	31
530	In-depth proteomic analysis of non-alcoholic beverages with peptide ligand libraries. I: Almond milk and orgeat syrup. <i>Journal of Proteomics</i> , 2011 , 74, 1080-90	3.9	36
529	Capturing and amplifying impurities from recombinant therapeutic proteins via combinatorial peptide libraries: a proteomic approach. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 1537-47	2.6	8
528	Revisiting Jurassic Park: The Isolation of Proteins from Amber Encapsulated Organisms Millions of Years Old 2011 , 925-938		2
527	Specific and Surrogate Cerebrospinal Fluid Markers in Creutzfeldt-Jakob Disease. <i>Advances in Neurobiology</i> , 2011 , 455-467	2.1	2
526	Wider Protein Detection from Biological Extracts by the Reduction of the Dynamic Concentration Range 2010 , 175-204		
525	In-depth exploration of cerebrospinal fluid by combining peptide ligand library treatment and label-free protein quantification. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 1006-21	7.6	106
524	The proteome buccaneers: how to unearth your treasure chest via combinatorial peptide ligand libraries. <i>Expert Review of Proteomics</i> , 2010 , 7, 373-85	4.2	59
523	Les Mères de l'Orge: the proteome content of your beer mug. <i>Journal of Proteome Research</i> , 2010 , 9, 5262-9	5.6	63
522	The red blood cell proteome and interactome: an update. <i>Journal of Proteome Research</i> , 2010 , 9, 144-63	5.6	152
521	In depth exploration of the hemolymph of <i>Limulus polyphemus</i> via combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2010 , 9, 3260-9	5.6	10
520	SDS-PAGE and two-dimensional maps in a radial gel format. <i>Electrophoresis</i> , 2010 , 31, 465-70	3.6	7
519	Third generation of focusing: gel matrices with immobilized cation gradients. <i>Electrophoresis</i> , 2010 , 31, 1747-53	3.6	1
518	Analysis of trace degradation products (decarboxylated diastereoisomers) of S-adenosylmethionine by electrophoresis in capillaries with cationic coatings (N-methylpolyvinylpyridinium or divalent barium). <i>Electrophoresis</i> , 2010 , 31, 3592-6	3.6	2

517	Improved instrumentation for large-size two-dimensional protein maps. <i>Electrophoresis</i> , 2010 , 31, 3863-6	3.6	5
516	Interaction among proteins and peptide libraries in proteome analysis: pH involvement for a larger capture of species. <i>Journal of Proteomics</i> , 2010 , 73, 733-42	3.9	62
515	Exploring the venom proteome of the African puff adder, <i>Bitis arietans</i> , using a combinatorial peptide ligand library approach at different pHs. <i>Journal of Proteomics</i> , 2010 , 73, 932-42	3.9	35
514	The egg white and yolk interactomes as gleaned from extensive proteomic data. <i>Journal of Proteomics</i> , 2010 , 73, 1028-42	3.9	28
513	In-depth exploration of <i>Hevea brasiliensis</i> latex proteome and "hidden allergens" via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2010 , 73, 1368-80	3.9	64
512	Proteomics of wine additives: mining for the invisible via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2010 , 73, 1732-9	3.9	65
511	Noah's nectar: the proteome content of a glass of red wine. <i>Journal of Proteomics</i> , 2010 , 73, 2370-7	3.9	59
510	Plucking, pillaging and plundering proteomes with combinatorial peptide ligand libraries. <i>Journal of Chromatography A</i> , 2010 , 1217, 893-900	4.5	36
509	Congenital dyserythropoietic anemia type II (CDAIL) is caused by mutations in the SEC23B gene. <i>Human Mutation</i> , 2009 , 30, 1292-8	4.7	132
508	Immobilized pH gradients. <i>Electrophoresis</i> , 2009 , 30 Suppl 1, S112-21	3.6	15
507	An N-methylpolyvinylpyridinium cationic polymer for capillary coating in electrophoresis of proteins and peptides. <i>Electrophoresis</i> , 2009 , 30, 2313-20	3.6	16
506	Combinatorial peptide ligand libraries for urine proteome analysis: investigation of different elution systems. <i>Electrophoresis</i> , 2009 , 30, 2405-11	3.6	91
505	Steady-state electrophoresis of RNA against a gradient of cationic charges in a polyacrylamide matrix. <i>Electrophoresis</i> , 2009 , 30, 3696-700	3.6	1
504	Synergistic effect of trichostatin A and 5-aza-2'-deoxycytidine on growth inhibition of pancreatic endocrine tumour cell lines: a proteomic study. <i>Proteomics</i> , 2009 , 9, 1952-66	4.8	34
503	The art of observing rare protein species in proteomes with peptide ligand libraries. <i>Proteomics</i> , 2009 , 9, 1492-510	4.8	135
502	Searching for allergens in maize kernels via proteomic tools. <i>Journal of Proteomics</i> , 2009 , 72, 501-10	3.9	59
501	En bloc elution of proteomes from combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2009 , 72, 725-30	3.9	17
500	Searching for specific motifs in affinity capture in proteome analysis. <i>Journal of Proteomics</i> , 2009 , 72, 791-802	3.9	1

499	pl-based fractionation of serum proteomes versus anion exchange after enhancement of low-abundance proteins by means of peptide libraries. <i>Journal of Proteomics</i> , 2009 , 72, 1061-70	3.9	19
498	Happy bicentennial, electrophoresis!. <i>Journal of Proteomics</i> , 2009 , 73, 181-7	3.9	4
497	Chicken egg yolk cytoplasmic proteome, mined via combinatorial peptide ligand libraries. <i>Journal of Chromatography A</i> , 2009 , 1216, 1241-52	4.5	100
496	Efficient removal of DNA from proteomic samples prior to two-dimensional map analysis. <i>Journal of Chromatography A</i> , 2009 , 1216, 3606-12	4.5	21
495	Combinatorial peptide ligand libraries and plant proteomics: a winning strategy at a price. <i>Journal of Chromatography A</i> , 2009 , 1216, 1215-22	4.5	57
494	Exploring the venom proteome of the western diamondback rattlesnake, <i>Crotalus atrox</i> , via snake venomics and combinatorial peptide ligand library approaches. <i>Journal of Proteome Research</i> , 2009 , 8, 3055-67	5.6	118
493	In-depth exploration of cow's whey proteome via combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2009 , 8, 3925-36	5.6	106
492	Focusing of low-molecular-mass heparins in polycationic polyacrylamide matrices. <i>Analytical Chemistry</i> , 2009 , 81, 6966-71	7.8	4
491	Reduction of dynamic protein concentration range of biological extracts for the discovery of low-abundance proteins by means of hexapeptide ligand library. <i>Nature Protocols</i> , 2008 , 3, 883-90	18.8	95
490	Proteomics as a complementary tool for identifying unintended side effects occurring in transgenic maize seeds as a result of genetic modifications. <i>Journal of Proteome Research</i> , 2008 , 7, 1850-61	5.6	111
489	Performance of combinatorial peptide libraries in capturing the low-abundance proteome of red blood cells. 2. Behavior of resins containing individual amino acids. <i>Analytical Chemistry</i> , 2008 , 80, 3557-65	7.8	38
488	Performance of combinatorial peptide libraries in capturing the low-abundance proteome of red blood cells. 1. Behavior of mono- to hexapeptides. <i>Analytical Chemistry</i> , 2008 , 80, 3547-56	7.8	50
487	DNA separation methodology based on charge neutralization in a polycationic gel matrix. <i>Analytical Chemistry</i> , 2008 , 80, 5031-5	7.8	5
486	Exploring the chicken egg white proteome with combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2008 , 7, 3461-74	5.6	136
485	Extensive analysis of the cytoplasmic proteome of human erythrocytes using the peptide ligand library technology and advanced mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 2254-69	7.6	187
484	Hexapeptide combinatorial ligand libraries: the march for the detection of the low-abundance proteome continues. <i>BioTechniques</i> , 2008 , 44, 663-5	2.5	50
483	Application of partial least squares discriminant analysis and variable selection procedures: a 2D-PAGE proteomic study. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1327-42	4.4	33
482	The ProteoMiner and the FortyNiners: searching for gold nuggets in the proteomic arena. <i>Mass Spectrometry Reviews</i> , 2008 , 27, 596-608	11	117

481	High-resolution separation of peptides by sodium dodecyl sulfate-polyacrylamide gel "focusing". <i>Electrophoresis</i> , 2008 , 29, 1749-52	3.6	6
480	Rapid capillary electrophoresis time-of-flight mass spectrometry separations of peptides and proteins using a monoquaternarized piperazine compound (M7C4I) for capillary coatings. <i>Electrophoresis</i> , 2008 , 29, 1619-25	3.6	39
479	Use of quasi-isoelectric buffers to limit protein adsorption in capillary zone electrophoresis. <i>Electrophoresis</i> , 2008 , 29, 3164-7	3.6	6
478	The ProteoMiner in the proteomic arena: a non-depleting tool for discovering low-abundance species. <i>Journal of Proteomics</i> , 2008 , 71, 255-64	3.9	149
477	A pl-based protein fractionation method using solid-state buffers. <i>Journal of Proteomics</i> , 2008 , 71, 379-89	3.9	10
476	A proteomic approach for evaluating the cell response to a novel histone deacetylase inhibitor in colon cancer cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008 , 1784, 1702-10	4	12
475	Isotope-coded two-dimensional maps: tagging with deuterated acrylamide and 2-vinylpyridine. <i>Methods in Molecular Biology</i> , 2008 , 424, 87-99	1.4	4
474	Exploring the platelet proteome via combinatorial, hexapeptide ligand libraries. <i>Journal of Proteome Research</i> , 2007 , 6, 4290-303	5.6	79
473	Proteomic analysis of human blood serum using peptide library beads. <i>Journal of Proteome Research</i> , 2007 , 6, 4055-62	5.6	149
472	SDS-PAGE under focusing conditions: an electrokinetic transport phenomenon based on charge compensation. <i>Analytical Chemistry</i> , 2007 , 79, 821-7	7.8	22
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