

Richard J Simpson

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.

323
papers

29,165
citations

74
h-index

164
g-index

337
ext. papers

32,627
ext. citations

5.4
avg, IF

7.11
L-index

#	Paper	IF	Citations
323	Intrinsic root morphology determines the phosphorus acquisition efficiency of five annual pasture legumes irrespective of mycorrhizal colonisation. <i>Functional Plant Biology</i> , 2021 , 48, 156-170	2.7	5
322	Root growth response of serradella species to aluminium in solution culture and soil. <i>Grass and Forage Science</i> , 2021 , 76, 57-71	2.3	0
321	Critical phosphorus requirements of Trifolium species: The importance of root morphology and root acclimation in response to phosphorus stress. <i>Physiologia Plantarum</i> , 2021 , 173, 1030-1047	4.6	1
320	Root proliferation in response to P stress and space: implications for the study of root acclimation to low P supply and P acquisition efficiency. <i>Plant and Soil</i> , 2020 , 451, 389-407	4.2	5
319	Root proliferation and phosphorus acquisition in response to stratification of soil phosphorus by two contrasting Trifolium subterraneum cultivars. <i>Plant and Soil</i> , 2020 , 452, 233-248	4.2	2
318	Soil phosphorus pools with addition of fertiliser phosphorus in a long-term grazing experiment. <i>Nutrient Cycling in Agroecosystems</i> , 2020 , 116, 151-164	3.3	3
317	Field benchmarking of the critical external phosphorus requirements of pasture legumes for southern Australia. <i>Crop and Pasture Science</i> , 2019 , 70, 1080	2.2	16
316	Variation in root morphology and P acquisition efficiency among Trifolium subterraneum genotypes. <i>Crop and Pasture Science</i> , 2019 , 70, 1015	2.2	6
315	The development and application of functions describing pasture yield responses to phosphorus, potassium and sulfur in Australia using meta-data analysis and derived soil-test calibration relationships. <i>Crop and Pasture Science</i> , 2019 , 70, 1065	2.2	12
314	Soil carbon sequestration to depth in response to long-term phosphorus fertilization of grazed pasture. <i>Geoderma</i> , 2019 , 338, 226-235	6.7	16
313	Contrasting communities of arbuscule-forming root symbionts change external critical phosphorus requirements of some annual pasture legumes. <i>Applied Soil Ecology</i> , 2018 , 126, 88-97	5	8
312	Do longer root hairs improve phosphorus uptake? Testing the hypothesis with transgenic Brachypodium distachyon lines overexpressing endogenous RSL genes. <i>New Phytologist</i> , 2018 , 217, 1654-1666	9.8	30
311	The carboxylate composition of rhizosphere and root exudates from twelve species of grassland and crop legumes with special reference to the occurrence of citramalate. <i>Plant and Soil</i> , 2018 , 424, 389-403	4.2	20
310	Differences in nutrient foraging among Trifolium subterraneum cultivars deliver improved P-acquisition efficiency. <i>Plant and Soil</i> , 2018 , 424, 539-554	4.2	22
309	Intrinsic capacity for nutrient foraging predicts critical external phosphorus requirement of 12 pasture legumes. <i>Crop and Pasture Science</i> , 2018 , 69, 174	2.2	15
308	Truncated forms of U2 snRNA (U2-tfs) are shunted toward a novel uridylylation pathway that differs from the degradation pathway for U1-tfs. <i>RNA Biology</i> , 2018 , 15, 261-268	4.8	8
307	Extracellular vesicles in cancer - implications for future improvements in cancer care. <i>Nature Reviews Clinical Oncology</i> , 2018 , 15, 617-638	19.4	638

306	Root morphology acclimation to phosphorus supply by six cultivars of <i>Trifolium subterraneum</i> L. <i>Plant and Soil</i> , 2017 , 412, 21-34	4.2	12
305	Poly(A)-specific ribonuclease regulates the processing of small-subunit rRNAs in human cells. <i>Nucleic Acids Research</i> , 2017 , 45, 3437-3447	20.1	25
304	Plants in constrained canopy micro-swards compensate for decreased root biomass and soil exploration with increased amounts of rhizosphere carboxylates. <i>Functional Plant Biology</i> , 2017 , 44, 552-562	2.7	7
303	Direct recovery of ³³ P-labelled fertiliser phosphorus in subterranean clover (<i>Trifolium subterraneum</i>) pastures under field conditions – The role of agronomic management. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 246, 144-156	5.7	9
302	Extracellular vesicles: their role in cancer biology and epithelial-mesenchymal transition. <i>Biochemical Journal</i> , 2017 , 474, 21-45	3.8	63
301	A Protocol for Isolation and Proteomic Characterization of Distinct Extracellular Vesicle Subtypes by Sequential Centrifugal Ultrafiltration. <i>Methods in Molecular Biology</i> , 2017 , 1545, 91-116	1.4	48
300	The Peptidome Comes of Age: Mass Spectrometry-Based Characterization of the Circulating Cancer Peptidome. <i>The Enzymes</i> , 2017 , 42, 27-64	2.3	11
299	TDP-43 stabilises the processing intermediates of mitochondrial transcripts. <i>Scientific Reports</i> , 2017 , 7, 7709	4.9	30
298	Unwrapping the rhizosheath. <i>Plant and Soil</i> , 2017 , 418, 129-139	4.2	61
297	A Protocol for the Preparation of Cryoprecipitate and Cryo-depleted Plasma for Proteomic Studies. <i>Methods in Molecular Biology</i> , 2017 , 1619, 23-30	1.4	9
296	Surface Profiling of Extracellular Vesicles from Plasma or Ascites Fluid Using DotScan Antibody Microarrays. <i>Methods in Molecular Biology</i> , 2017 , 1619, 263-301	1.4	4
295	Preparation of Platelet Concentrates for Research and Transfusion Purposes. <i>Methods in Molecular Biology</i> , 2017 , 1619, 31-42	1.4	8
294	Characterization of the Low-Molecular-Weight Human Plasma Peptidome. <i>Methods in Molecular Biology</i> , 2017 , 1619, 63-79	1.4	7
293	Proteomic insights into extracellular vesicle biology - defining exosomes and shed microvesicles. <i>Expert Review of Proteomics</i> , 2017 , 14, 69-95	4.2	89
292	Root morphology and its contribution to a large root system for phosphorus uptake by <i>Rytidosperma</i> species (wallaby grass). <i>Plant and Soil</i> , 2017 , 412, 7-19	4.2	11
291	The chemical nature of organic phosphorus that accumulates in fertilized soils of a temperate pasture as determined by solution ³¹ P NMR spectroscopy. <i>Journal of Plant Nutrition and Soil Science</i> , 2017 , 180, 27-38	2.3	16
290	Podoplanin is a component of extracellular vesicles that reprograms cell-derived exosomal proteins and modulates lymphatic vessel formation. <i>Oncotarget</i> , 2016 , 7, 16070-89	3.3	51
289	Histopathological effect and stress response of mantle proteome following TBT exposure in the Hooded oyster <i>Saccostrea cucullata</i> . <i>Environmental Pollution</i> , 2016 , 218, 855-862	9.3	10

288	Modulating the endometrial epithelial proteome and secretome in preparation for pregnancy: The role of ovarian steroid and pregnancy hormones. <i>Journal of Proteomics</i> , 2016 , 144, 99-112	3.9	30
287	Root morphological traits that determine phosphorus-acquisition efficiency and critical external phosphorus requirement in pasture species. <i>Functional Plant Biology</i> , 2016 , 43, 815-826	2.7	41
286	Human Endometrial Exosomes Contain Hormone-Specific Cargo Modulating Trophoblast Adhesive Capacity: Insights into Endometrial-Embryo Interactions. <i>Biology of Reproduction</i> , 2016 , 94, 38	3.9	140
285	Rhizosphere carboxylates and morphological root traits in pasture legumes and grasses. <i>Plant and Soil</i> , 2016 , 402, 77-89	4.2	31
284	Growth and root dry matter allocation by pasture legumes and a grass with contrasting external critical phosphorus requirements. <i>Plant and Soil</i> , 2016 , 407, 67-79	4.2	33
283	The fate of fertiliser P in soil under pasture and uptake by subterranean clover in a field study using 33P-labelled single superphosphate. <i>Plant and Soil</i> , 2016 , 401, 23-38	4.2	17
282	High variation in the percentage of root length colonised by arbuscular mycorrhizal fungi among 139 lines representing the species subterranean clover (<i>Trifolium subterraneum</i>). <i>Applied Soil Ecology</i> , 2016 , 98, 221-232	5	21
281	Oncogenic epithelial cell-derived exosomes containing Rac1 and PAK2 induce angiogenesis in recipient endothelial cells. <i>Oncotarget</i> , 2016 , 7, 19709-22	3.3	48
280	Transformed MDCK cells secrete elevated MMP1 that generates LAMA5 fragments promoting endothelial cell angiogenesis. <i>Scientific Reports</i> , 2016 , 6, 28321	4.9	19
279	Extracellular vesicle isolation and characterization: toward clinical application. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1152-62	15.9	467
278	Secreted primary human malignant mesothelioma exosome signature reflects oncogenic cargo. <i>Scientific Reports</i> , 2016 , 6, 32643	4.9	68
277	Transcriptome and long noncoding RNA sequencing of three extracellular vesicle subtypes released from the human colon cancer LIM1863 cell line. <i>Scientific Reports</i> , 2016 , 6, 38397	4.9	59
276	Extracellular Vesicles in the Intrauterine Environment: Challenges and Potential Functions. <i>Biology of Reproduction</i> , 2016 , 95, 109	3.9	43
275	EVpedia: A community web resource for prokaryotic and eukaryotic extracellular vesicles research. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 40, 4-7	7.5	72
274	Single live cell TGF- β signalling imaging: breast cancer cell motility and migration is driven by sub-populations of cells with dynamic TGF- β Smad3 activity. <i>Molecular Cancer</i> , 2015 , 14, 50	42.1	15
273	Exosomes and their roles in immune regulation and cancer. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 40, 72-81	7.5	378
272	Management of soil phosphorus fertility determines the phosphorus budget of a temperate grazing system and is the key to improving phosphorus efficiency. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 212, 263-277	5.7	50
271	Highly-purified exosomes and shed microvesicles isolated from the human colon cancer cell line LIM1863 by sequential centrifugal ultrafiltration are biochemically and functionally distinct. <i>Methods</i> , 2015 , 87, 11-25	4.6	161

270	A protocol for exosome isolation and characterization: evaluation of ultracentrifugation, density-gradient separation, and immunoaffinity capture methods. <i>Methods in Molecular Biology</i> , 2015 , 1295, 179-209	1.4	374
269	Emerging roles of exosomes during epithelial-mesenchymal transition and cancer progression. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 40, 60-71	7.5	148
268	Spectral sensitivity of solution ³¹ P NMR spectroscopy is improved by narrowing the soil to solution ratio to 1:4 for pasture soils of low organic P content. <i>Geoderma</i> , 2015 , 257-258, 48-57	6.7	11
267	Complex Forms of Soil Organic Phosphorus-A Major Component of Soil Phosphorus. <i>Environmental Science & Technology</i> , 2015 , 49, 13238-45	10.3	76
266	An assessment of various measures of soil phosphorus and the net accumulation of phosphorus in fertilized soils under pasture. <i>Journal of Plant Nutrition and Soil Science</i> , 2015 , 178, 543-554	2.3	29
265	FunRich: An open access standalone functional enrichment and interaction network analysis tool. <i>Proteomics</i> , 2015 , 15, 2597-601	4.8	735
264	Human nucleolar protein Nop52 (RRP1/NNP-1) is involved in site 2 cleavage in internal transcribed spacer 1 of pre-rRNAs at early stages of ribosome biogenesis. <i>Nucleic Acids Research</i> , 2015 , 43, 5524-36	20.1	13
263	Collaborator of alternative reading frame protein (CARF) regulates early processing of pre-ribosomal RNA by retaining XRN2 (5P3Pexoribonuclease) in the nucleoplasm. <i>Nucleic Acids Research</i> , 2015 , 43, 10397-410	20.1	15
262	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015 , 31, 933-9	7.2	256
261	YBX1/YB-1 induces partial EMT and tumourigenicity through secretion of angiogenic factors into the extracellular microenvironment. <i>Oncotarget</i> , 2015 , 6, 13718-30	3.3	53
260	Molecular profiling of cetuximab and bevacizumab treatment of colorectal tumours reveals perturbations in metabolic and hypoxic response pathways. <i>Oncotarget</i> , 2015 , 6, 38166-80	3.3	13
259	Pasture plants and soil fertility management to improve the efficiency of phosphorus fertiliser use in temperate grassland systems. <i>Crop and Pasture Science</i> , 2014 , 65, 556	2.2	44
258	Proteomic comparison of 3D and 2D glioma models reveals increased HLA-E expression in 3D models is associated with resistance to NK cell-mediated cytotoxicity. <i>Journal of Proteome Research</i> , 2014 , 13, 2272-81	5.6	31
257	Plasma Proteome Database as a resource for proteomics research: 2014 update. <i>Nucleic Acids Research</i> , 2014 , 42, D959-65	20.1	212
256	Platelet-derived growth factor receptor beta: a novel urinary biomarker for recurrence of non-muscle-invasive bladder cancer. <i>PLoS ONE</i> , 2014 , 9, e96671	3.7	19
255	Deep sequencing of RNA from three different extracellular vesicle (EV) subtypes released from the human LIM1863 colon cancer cell line uncovers distinct miRNA-enrichment signatures. <i>PLoS ONE</i> , 2014 , 9, e110314	3.7	146
254	Proteome profiling of exosomes derived from human primary and metastatic colorectal cancer cells reveal differential expression of key metastatic factors and signal transduction components. <i>Proteomics</i> , 2013 , 13, 1672-86	4.8	255
253	Comparative proteomics evaluation of plasma exosome isolation techniques and assessment of the stability of exosomes in normal human blood plasma. <i>Proteomics</i> , 2013 , 13, 3354-64	4.8	397

252	Chromosome 7-centric analysis of proteomics data from a panel of human colon carcinoma cell lines. <i>Journal of Proteome Research</i> , 2013 , 12, 89-96	5.6	6
251	Oncogenic H-ras reprograms Madin-Darby canine kidney (MDCK) cell-derived exosomal proteins following epithelial-mesenchymal transition. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 2148-59	7.6	134
250	Sulindac modulates secreted protein expression from LIM1215 colon carcinoma cells prior to apoptosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2293-307	4	12
249	Contribution of cells undergoing epithelial-mesenchymal transition to the tumour microenvironment. <i>Journal of Proteomics</i> , 2013 , 78, 545-57	3.9	37
248	Detection of cadherin-17 in human colon cancer LIM1215 cell secretome and tumour xenograft-derived interstitial fluid and plasma. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2372-9	4	30
247	Colon tumour secretome: insights into endogenous proteolytic cleavage events in the colon tumour microenvironment. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2396-407	4	26
246	Global protein profiling reveals anti-EGFR monoclonal antibody 806-modulated proteins in A431 tumor xenografts. <i>Growth Factors</i> , 2013 , 31, 154-64	1.6	3
245	Two distinct populations of exosomes are released from LIM1863 colon carcinoma cell-derived organoids. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 587-98	7.6	287
244	The microvesicle component of HIV-1 inocula modulates dendritic cell infection and maturation and enhances adhesion to and activation of T lymphocytes. <i>PLoS Pathogens</i> , 2013 , 9, e1003700	7.6	26
243	The role of WDR5 in silencing human fetal globin gene expression. <i>Haematologica</i> , 2012 , 97, 1632-40	6.6	12
242	Identifying mutated proteins secreted by colon cancer cell lines using mass spectrometry. <i>Journal of Proteomics</i> , 2012 , 76 Spec No., 141-9	3.9	43
241	Identification of a Wnt-induced protein complex by affinity proteomics using an antibody that recognizes a sub-population of E-catenin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012 , 1824, 925-37	4	5
240	Comparison of ultracentrifugation, density gradient separation, and immunoaffinity capture methods for isolating human colon cancer cell line LIM1863-derived exosomes. <i>Methods</i> , 2012 , 56, 293-304	4.6	722
239	Proteomic profiling of the epithelial-mesenchymal transition using 2D DIGE. <i>Methods in Molecular Biology</i> , 2012 , 854, 269-86	1.4	4
238	Comprehensive lipidome profiling of isogenic primary and metastatic colon adenocarcinoma cell lines. <i>Analytical Chemistry</i> , 2012 , 84, 8917-26	7.8	98
237	Field application of a DNA-based assay to the measurement of roots of perennial grasses. <i>Plant and Soil</i> , 2012 , 358, 183-199	4.2	11
236	ExoCarta 2012: database of exosomal proteins, RNA and lipids. <i>Nucleic Acids Research</i> , 2012 , 40, D1241-40.1	4.0	715
235	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) induces cancer cell senescence by interacting with telomerase RNA component. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13308-13	11.5	52

234	Solubilisation of the armadillo-repeat protein E-catenin using a zwitterionic detergent allows resolution of phosphorylated forms by 2DE. <i>Electrophoresis</i> , 2012 , 33, 1804-13	3.6	2
233	Restoration of full-length APC protein in SW480 colon cancer cells induces exosome-mediated secretion of DKK-4. <i>Electrophoresis</i> , 2012 , 33, 1873-80	3.6	32
232	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. <i>PLoS Biology</i> , 2012 , 10, e1001450	9.7	800
231	ExoCarta as a resource for exosomal research. <i>Journal of Extracellular Vesicles</i> , 2012 , 1,	16.4	240
230	Extracellular Microvesicles: The Need for Internationally Recognised Nomenclature and Stringent Purification Criteria. <i>Journal of Proteomics and Bioinformatics</i> , 2012 , 05,	2.1	57
229	A protocol for the preparation of cryoprecipitate and cryodepleted plasma. <i>Methods in Molecular Biology</i> , 2011 , 728, 259-65	1.4	15
228	Triton X-114 phase separation in the isolation and purification of mouse liver microsomal membrane proteins. <i>Methods</i> , 2011 , 54, 396-406	4.6	40
227	Effect of soil acidity, soil strength and macropores on root growth and morphology of perennial grass species differing in acid-soil resistance. <i>Plant, Cell and Environment</i> , 2011 , 34, 444-56	8.4	53
226	Gesicles: Microvesicle "cookies" for transient information transfer between cells. <i>Molecular Therapy</i> , 2011 , 19, 1574-6	11.7	35
225	Preparation of platelet concentrates. <i>Methods in Molecular Biology</i> , 2011 , 728, 267-78	1.4	11
224	Preparation of extracts from yeast. <i>Cold Spring Harbor Protocols</i> , 2011 , 2011, pdb.prot5545	1.2	5
223	Direct measurement of roots in soil for single and mixed species using a quantitative DNA-based method. <i>Plant and Soil</i> , 2011 , 348, 123-137	4.2	50
222	Strategies and agronomic interventions to improve the phosphorus-use efficiency of farming systems. <i>Plant and Soil</i> , 2011 , 349, 89-120	4.2	262
221	Plant and microbial strategies to improve the phosphorus efficiency of agriculture. <i>Plant and Soil</i> , 2011 , 349, 121-156	4.2	532
220	Crystal structure of the Leishmania major MIX protein: a scaffold protein that mediates protein-protein interactions. <i>Protein Science</i> , 2011 , 20, 1060-8	6.3	2
219	Tandem application of cationic colloidal silica and Triton X-114 for plasma membrane protein isolation and purification: towards developing an MDCK protein database. <i>Proteomics</i> , 2011 , 11, 1238-53	4.8	11
218	Proteomic profiling of secretome and adherent plasma membranes from distinct mammary epithelial cell subpopulations. <i>Proteomics</i> , 2011 , 11, 4029-39	4.8	22
217	Peptide Purification by Reversed-Phase Chromatography 2011 , 519-548		1

216	Soil microorganisms mediating phosphorus availability update on microbial phosphorus. <i>Plant Physiology</i> , 2011 , 156, 989-96	6.6	745
215	PHLDA1 expression marks the putative epithelial stem cells and contributes to intestinal tumorigenesis. <i>Cancer Research</i> , 2011 , 71, 3709-19	10.1	58
214	Proteomics profiling of Madin-Darby canine kidney plasma membranes reveals Wnt-5a involvement during oncogenic H-Ras/TGF-beta-mediated epithelial-mesenchymal transition. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.001131	7.6	43
213	A fluorescent microsphere-based method for assay of multiple analytes in plasma. <i>Methods in Molecular Biology</i> , 2011 , 728, 195-206	1.4	10
212	Low-molecular weight plasma proteome analysis using centrifugal ultrafiltration. <i>Methods in Molecular Biology</i> , 2011 , 728, 109-24	1.4	11
211	An aspartyl protease directs malaria effector proteins to the host cell. <i>Nature</i> , 2010 , 463, 627-31	50.4	233
210	Proteomics analysis of A33 immunoaffinity-purified exosomes released from the human colon tumor cell line LIM1215 reveals a tissue-specific protein signature. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 197-208	7.6	421
209	Pouring linear gradient gels with a gradient former. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5411		1
208	SYPRO Orange fluorescent staining of protein gels. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5414		3
207	Optimal management of fertiliser and stocking rate in temperate grazing systems. <i>Animal Production Science</i> , 2010 , 50, 6	1.4	13
206	Extracellular remodelling during oncogenic Ras-induced epithelial-mesenchymal transition facilitates MDCK cell migration. <i>Journal of Proteome Research</i> , 2010 , 9, 1007-19	5.6	46
205	CTAB-PAGE. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5412	1.2	4
204	Disruption of cultured cells by nitrogen cavitation. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5513		33
203	Large-scale extraction of recombinant proteins from bacteria. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5484	1.2	4
202	Solubilization of Escherichia coli recombinant proteins from inclusion bodies. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5485	1.2	7
201	Homogenization of mammalian tissue. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5455	1.2	15
200	Small-scale extraction of recombinant proteins from bacteria. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5483	1.2	1
199	Rapid coomassie blue staining of protein gels. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.prot5413	1.2	14

198	Identification of a PRMT5-dependent repressor complex linked to silencing of human fetal globin gene expression. <i>Blood</i> , 2010 , 116, 1585-92	2.2	74
197	Stabilization of proteins for storage. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.top79	1.2	35
196	Effect of lime on root growth, morphology and the rhizosphere of cereal seedlings growing in an acid soil. <i>Plant and Soil</i> , 2010 , 327, 199-212	4.2	64
195	Root morphology, root-hair development and rhizosphere formation on perennial grass seedlings is influenced by soil acidity. <i>Plant and Soil</i> , 2010 , 335, 457-468	4.2	63
194	International blood collection and storage: clinical use of blood products. <i>Journal of Proteomics</i> , 2010 , 73, 386-95	3.9	35
193	A centrifugal ultrafiltration strategy for isolating the low-molecular weight (. <i>Journal of Proteomics</i> , 2010 , 73, 637-48	3.9	83
192	Exosomes: extracellular organelles important in intercellular communication. <i>Journal of Proteomics</i> , 2010 , 73, 1907-20	3.9	1688
191	The Asia Oceania Human Proteome Organisation Membrane Proteomics Initiative. Preparation and characterisation of the carbonate-washed membrane standard. <i>Proteomics</i> , 2010 , 10, 4142-8	4.8	22
190	Is a gene-centric human proteome project the best way for proteomics to serve biology?. <i>Proteomics</i> , 2010 , 10, 3067-72	4.8	16
189	ExoCarta: A compendium of exosomal proteins and RNA. <i>Proteomics</i> , 2009 , 9, 4997-5000	4.8	626
188	Secretome-based proteomics reveals sulindac-modulated proteins released from colon cancer cells. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 433-51	3.1	29
187	PRMT5-mediated methylation of histone H4R3 recruits DNMT3A, coupling histone and DNA methylation in gene silencing. <i>Nature Structural and Molecular Biology</i> , 2009 , 16, 304-311	17.6	385
186	Role of the Plasmodium export element in trafficking parasite proteins to the infected erythrocyte. <i>Traffic</i> , 2009 , 10, 285-99	5.7	132
185	Transgenic barley (<i>Hordeum vulgare</i> L.) expressing the wheat aluminium resistance gene (TaALMT1) shows enhanced phosphorus nutrition and grain production when grown on an acid soil. <i>Plant Biotechnology Journal</i> , 2009 , 7, 391-400	11.6	120
184	Towards understanding epithelial-mesenchymal transition: a proteomics perspective. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009 , 1794, 1325-31	4	38
183	Exosomes: proteomic insights and diagnostic potential. <i>Expert Review of Proteomics</i> , 2009 , 6, 267-83	4.2	760
182	Plant mechanisms to optimise access to soil phosphorus. <i>Crop and Pasture Science</i> , 2009 , 60, 124	2.2	281
181	Isolation of extracellular membranous vesicles for proteomic analysis. <i>Methods in Molecular Biology</i> , 2009 , 528, 227-42	1.4	36

180	Purification of basolateral integral membrane proteins by cationic colloidal silica-based apical membrane subtraction. <i>Methods in Molecular Biology</i> , 2009 , 528, 177-87	1.4	7
179	Secretome-based proteomic profiling of Ras-transformed MDCK cells reveals extracellular modulators of epithelial-mesenchymal transition. <i>Journal of Proteome Research</i> , 2009 , 8, 2827-37	5.6	61
178	Enrichment of human platelet membranes for proteomic analysis. <i>Methods in Molecular Biology</i> , 2009 , 528, 245-58	1.4	10
177	Human Proteinpedia enables sharing of human protein data. <i>Nature Biotechnology</i> , 2008 , 26, 164-7	44.5	138
176	Mouse IL-6. <i>Annals of the New York Academy of Sciences</i> , 2008 , 557, 206-214	6.5	6
175	Estimation of Free Thiols and Disulfide Bonds Using Ellman's Reagent. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot4699	1.2	11
174	Quantifying protein by bicinchoninic Acid. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot4722	1.2	12
173	In-gel s-pyridylethylation of gel-resolved proteins: individual spot method. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot4605	1.2	1
172	Human microglial cells synthesize albumin in brain. <i>PLoS ONE</i> , 2008 , 3, e2829	3.7	60
171	Olig2-induced neural stem cell differentiation involves downregulation of Wnt signaling and induction of Dickkopf-1 expression. <i>PLoS ONE</i> , 2008 , 3, e3917	3.7	34
170	Proteomic profiling of exosomes: current perspectives. <i>Proteomics</i> , 2008 , 8, 4083-99	4.8	651
169	Stem cell markers: insights from membrane proteomics?. <i>Proteomics</i> , 2008 , 8, 4946-57	4.8	25
168	Comparison of human platelet membrane-cytoskeletal proteins with the plasma proteome: Towards understanding the platelet-plasma nexus. <i>Proteomics - Clinical Applications</i> , 2008 , 2, 63-77	3.1	34
167	Difference gel electrophoresis analysis of Ras-transformed fibroblast cell-derived exosomes. <i>Electrophoresis</i> , 2008 , 29, 2660-71	3.6	58
166	Proteomics-driven cancer biomarker discovery: looking to the future. <i>Current Opinion in Chemical Biology</i> , 2008 , 12, 72-7	9.7	88
165	Enhanced analysis of the mouse plasma proteome using cysteine-containing tryptic glycopeptides. <i>Journal of Proteome Research</i> , 2007 , 6, 987-95	5.6	29
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9	Nitrogen redistribution during grain growth in wheat (<i>Triticum aestivum</i> L.) : III. Enzymology and transport of amino acids from senescing flag leaves. <i>Planta</i> , 1981 , 151, 447-56	4.7	94
8	Nitrogen redistribution during grain growth in wheat (<i>Triticum aestivum</i> L.) : II. Chloroplast senescence and the degradation of ribulose-1,5-bisphosphate carboxylase. <i>Planta</i> , 1980 , 149, 241-51	4.7	131
7	Complete amino acid sequence of the goose-type lysozyme from the egg white of the black swan. <i>Biochemistry</i> , 1980 , 19, 1814-9	3.2	78
6	Nitrogen redistribution during grain growth in wheat (<i>Triticum aestivum</i> L.) : I. Peptide hydrolase activity and protein breakdown in the flag leaf, glumes and stem. <i>Planta</i> , 1980 , 148, 422-8	4.7	20
5	Studies on 3-deoxy-D-arabinoheptulosonate-7-phosphate synthetase(phe) from <i>Escherichia coli</i> K12. 1. Purification and subunit structure. <i>FEBS Journal</i> , 1976 , 70, 493-500		12
4	Studies on 3-deoxy-d-arabinoheptulosonate-7-phosphate synthetase(phe) from <i>Escherichia coli</i> K12. 3. Structural studies. <i>FEBS Journal</i> , 1976 , 70, 509-16		16
3	Proteome analysis of polyacrylamide gel-separated proteins visualized by reversible negative staining using imidazole-zinc salts 152-157		
2	Organic anions facilitate the mobilization of soil organic phosphorus and its subsequent lability to phosphatases. <i>Plant and Soil</i> , 1	4.2	1
1	Phosphorus fertiliser value of sewage sludge ash applied to soils differing in phosphate buffering and phosphate sorption capacity. <i>Nutrient Cycling in Agroecosystems</i> ,	3.3	1

