

Richard J Simpson

List of Publications by Year in descending order

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Version: 2024-02-01

328
papers

35,620
citations

6613

79
h-index

3732

179
g-index

337
all docs

337
docs citations

337
times ranked

38989
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic anions facilitate the mobilization of soil organic phosphorus and its subsequent lability to phosphatases. <i>Plant and Soil</i> , 2022, 476, 161-180.	3.7	11
2	Phosphorus fertiliser value of sewage sludge ash applied to soils differing in phosphate buffering and phosphate sorption capacity. <i>Nutrient Cycling in Agroecosystems</i> , 2022, 124, 279-297.	2.2	5
3	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.	2.1	5
4	Delivering improved phosphorus acquisition by root systems in pasture and arable crops. <i>Burleigh Dodds Series in Agricultural Science</i> , 2021, , 589-648.	0.2	2
5	Root growth response of serradella species to aluminium in solution culture and soil. <i>Grass and Forage Science</i> , 2021, 76, 57-71.	2.9	2
6	Critical phosphorus requirements of <i>Trifolium</i> species: The importance of root morphology and root acclimation in response to phosphorus stress. <i>Physiologia Plantarum</i> , 2021, 173, 1030-1047.	5.2	6
7	Soil phosphorus pools with addition of fertiliser phosphorus in a long-term grazing experiment. <i>Nutrient Cycling in Agroecosystems</i> , 2020, 116, 151-164.	2.2	6
8	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.	3.7	8
9	Root proliferation and phosphorus acquisition in response to stratification of soil phosphorus by two contrasting <i>Trifolium subterraneum</i> cultivars. <i>Plant and Soil</i> , 2020, 452, 233-248.	3.7	4
10	Field benchmarking of the critical external phosphorus requirements of pasture legumes for southern Australia. <i>Crop and Pasture Science</i> , 2019, 70, 1080.	1.5	29
11	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.	1.5	22
12	Soil carbon sequestration to depth in response to long-term phosphorus fertilization of grazed pasture. <i>Geoderma</i> , 2019, 338, 226-235.	5.1	25
13	Variation in root morphology and P acquisition efficiency among <i>Trifolium subterraneum</i> genotypes. <i>Crop and Pasture Science</i> , 2019, 70, 1015.	1.5	8
14	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.	4.3	11
15	Do longer root hairs improve phosphorus uptake? Testing the hypothesis with transgenic <i>Brachypodium distachyon</i> lines overexpressing endogenous RSL genes. <i>New Phytologist</i> , 2018, 217, 1654-1666.	7.3	68
16	The carboxylate composition of rhizosheath 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.	3.7	28
17	Differences in nutrient foraging among <i>Trifolium subterraneum</i> cultivars deliver improved P-acquisition efficiency. <i>Plant and Soil</i> , 2018, 424, 539-554.	3.7	34
18	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.	3.1	10

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19	Extracellular vesicles in cancer – implications for future improvements in cancer care. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 617-638.	27.6	1,020
20	Intrinsic capacity for nutrient foraging predicts critical external phosphorus requirement of 12 pasture legumes. <i>Crop and Pasture Science</i> , 2018, 69, 174.	1.5	17
21	Root morphology acclimation to phosphorus supply by six cultivars of <i>Trifolium subterraneum</i> L. <i>Plant and Soil</i> , 2017, 412, 21-34.	3.7	19
22	Poly(A)-specific ribonuclease regulates the processing of small-subunit rRNAs in human cells. <i>Nucleic Acids Research</i> , 2017, 45, 3437-3447.	14.5	30
23	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.	2.1	8
24	Direct recovery of 33 P-labelled fertiliser phosphorus in subterranean clover (<i>Trifolium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (su Ecosystems and Environment, 2017, 246, 144-156.	5.3	13
25	Belowground solutions to global challenges: special issue from the 9th symposium of the International Society of Root Research. <i>Plant and Soil</i> , 2017, 412, 1-5.	3.7	4
26	Extracellular vesicles: their role in cancer biology and epithelial–mesenchymal transition. <i>Biochemical Journal</i> , 2017, 474, 21-45.	3.7	81
27	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.	0.9	72
28	The Peptidome Comes of Age: Mass Spectrometry-Based Characterization of the Circulating Cancer Peptidome. <i>The Enzymes</i> , 2017, 42, 27-64.	1.7	22
29	TDP-43 stabilises the processing intermediates of mitochondrial transcripts. <i>Scientific Reports</i> , 2017, 7, 7709.	3.3	45
30	Unwrapping the rhizosheath. <i>Plant and Soil</i> , 2017, 418, 129-139.	3.7	94
31	A Protocol for the Preparation of Cryoprecipitate and Cryo-depleted Plasma for Proteomic Studies. <i>Methods in Molecular Biology</i> , 2017, 1619, 23-30.	0.9	13
32	Surface Profiling of Extracellular Vesicles from Plasma or Ascites Fluid Using DotScan Antibody Microarrays. <i>Methods in Molecular Biology</i> , 2017, 1619, 263-301.	0.9	4
33	Preparation of Platelet Concentrates for Research and Transfusion Purposes. <i>Methods in Molecular Biology</i> , 2017, 1619, 31-42.	0.9	11
34	Characterization of the Low-Molecular-Weight Human Plasma Peptidome. <i>Methods in Molecular Biology</i> , 2017, 1619, 63-79.	0.9	11
35	Extracellular vesicles. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 1-2.	5.0	0
36	Proteomic insights into extracellular vesicle biology – defining exosomes and shed microvesicles. <i>Expert Review of Proteomics</i> , 2017, 14, 69-95.	3.0	135

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37	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.	3.7	18
38	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.	1.9	19
39	Podoplanin is a component of extracellular vesicles that reprograms cell-derived exosomal proteins and modulates lymphatic vessel formation. <i>Oncotarget</i> , 2016, 7, 16070-16089.	1.8	67
40	Extracellular vesicle isolation and characterization: toward clinical application. <i>Journal of Clinical Investigation</i> , 2016, 126, 1152-1162.	8.2	667
41	Secreted primary human malignant mesothelioma exosome signature reflects oncogenic cargo. <i>Scientific Reports</i> , 2016, 6, 32643.	3.3	85
42	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.	3.3	72
43	Extracellular Vesicles in the Intrauterine Environment: Challenges and Potential Functions. <i>Biology of Reproduction</i> , 2016, 95, 109-109.	2.7	65
44	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.	7.5	17
45	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.	2.4	41
46	Root morphological traits that determine phosphorus-acquisition efficiency and critical external phosphorus requirement in pasture species. <i>Functional Plant Biology</i> , 2016, 43, 815.	2.1	62
47	Human Endometrial Exosomes Contain Hormone-Specific Cargo Modulating Trophoblast Adhesive Capacity: Insights into Endometrial-Embryo Interactions ¹ . <i>Biology of Reproduction</i> , 2016, 94, 38.	2.7	198
48	Rhizosphere carboxylates and morphological root traits in pasture legumes and grasses. <i>Plant and Soil</i> , 2016, 402, 77-89.	3.7	38
49	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.	3.7	46
50	The fate of fertiliser P in soil under pasture and uptake by subterranean clover "a field study using ^{33}P -labelled single superphosphate. <i>Plant and Soil</i> , 2016, 401, 23-38.	3.7	23
51	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.	4.3	28
52	Transformed MDCK cells secrete elevated MMP1 that generates LAMA5 fragments promoting endothelial cell angiogenesis. <i>Scientific Reports</i> , 2016, 6, 28321.	3.3	26
53	Oncogenic epithelial cell-derived exosomes containing Rac1 and PAK2 induce angiogenesis in recipient endothelial cells. <i>Oncotarget</i> , 2016, 7, 19709-19722.	1.8	56
54	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.	1.9	36

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55	FunRich: An open access standalone functional enrichment and interaction network analysis tool. <i>Proteomics</i> , 2015, 15, 2597-2601.	2.2	1,145
56	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, 5524-5536.	14.5	19
57	Collaborator of alternative reading frame protein (CARF) regulates early processing of pre-ribosomal RNA by retaining XRN2 (5'â€²-3'â€² exoribonuclease) in the nucleoplasm. <i>Nucleic Acids Research</i> , 2015, 43, gkv1069.	14.5	19
58	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	4.1	317
59	EVpedia: A community web resource for prokaryotic and eukaryotic extracellular vesicles research. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 4-7.	5.0	99
60	Single live cell TGF-Î² signalling imaging: breast cancer cell motility and migration is driven by sub-populations of cells with dynamic TGF-Î²-Smad3 activity. <i>Molecular Cancer</i> , 2015, 14, 50.	19.2	18
61	Exosomes and their roles in immune regulation and cancer. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 72-81.	5.0	488
62	Editorial. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 1-3.	5.0	1
63	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.	5.3	55
64	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.	3.8	205
65	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.	0.9	512
66	Emerging roles of exosomes during epithelialâ€”mesenchymal transition and cancer progression. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 60-71.	5.0	190
67	Spectral sensitivity of solution 31P 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.	5.1	16
68	Complex Forms of Soil Organic Phosphorusâ€”A Major Component of Soil Phosphorus. <i>Environmental Science & Technology</i> , 2015, 49, 13238-13245.	10.0	97
69	YBX1/YB-1 induces partial EMT and tumourigenicity through secretion of angiogenic factors into the extracellular microenvironment. <i>Oncotarget</i> , 2015, 6, 13718-13730.	1.8	66
70	Molecular profiling of cetuximab and bevacizumab treatment of colorectal tumours reveals perturbations in metabolic and hypoxic response pathways. <i>Oncotarget</i> , 2015, 6, 38166-38180.	1.8	14
71	Plasma Proteome Database as a resource for proteomics research: 2014 update. <i>Nucleic Acids Research</i> , 2014, 42, D959-D965.	14.5	273
72	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.	1.5	53

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73	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, 2272-2281.	3.7	38
74	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.	2.5	23
75	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.	2.5	181
76	An updated secretome. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2225.	2.3	4
77	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, 1672-1686.	2.2	296
78	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, 3354-3364.	2.2	501
79	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.	3.7	6
80	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, 2148-2159.	3.8	167
81	Sulindac modulates secreted protein expression from LIM1215 colon carcinoma cells prior to apoptosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2293-2307.	2.3	13
82	Contribution of cells undergoing epithelial-mesenchymal transition to the tumour microenvironment. <i>Journal of Proteomics</i> , 2013, 78, 545-557.	2.4	41
83	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, 2372-2379.	2.3	33
84	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, 2396-2407.	2.3	31
85	Global protein profiling reveals anti-EGFR monoclonal antibody 806-modulated proteins in A431 tumor xenografts. <i>Growth Factors</i> , 2013, 31, 154-164.	1.7	3
86	Two Distinct Populations of Exosomes Are Released from LIM1863 Colon Carcinoma Cell-derived Organoids. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 587-598.	3.8	354
87	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.	4.7	33
88	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	5.6	1,064
89	ExoCarta as a resource for exosomal research. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	12.2	314
90	The role of WDR5 in silencing human fetal globin gene expression. <i>Haematologica</i> , 2012, 97, 1632-1640.	3.5	12

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91	Identifying mutated proteins secreted by colon cancer cell lines using mass spectrometry. <i>Journal of Proteomics</i> , 2012, 76, 141-149.	2.4	54
92	Identification of a Wnt-induced protein complex by affinity proteomics using an antibody that recognizes a sub-population of β^2 -catenin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 925-937.	2.3	5
93	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.	3.8	943
94	Proteomic Profiling of the Epithelial-Mesenchymal Transition Using 2D DIGE. <i>Methods in Molecular Biology</i> , 2012, 854, 269-286.	0.9	4
95	Comprehensive Lipidome Profiling of Isogenic Primary and Metastatic Colon Adenocarcinoma Cell Lines. <i>Analytical Chemistry</i> , 2012, 84, 8917-8926.	6.5	119
96	Field application of a DNA-based assay to the measurement of roots of perennial grasses. <i>Plant and Soil</i> , 2012, 358, 183-199.	3.7	12
97	ExoCarta 2012: database of exosomal proteins, RNA and lipids. <i>Nucleic Acids Research</i> , 2012, 40, D1241-D1244.	14.5	893
98	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, 13308-13313.	7.1	60
99	Solubilisation of the armadillo repeat protein β^2 -catenin using a zwitterionic detergent allows resolution of phosphorylated forms by 2DE. <i>Electrophoresis</i> , 2012, 33, 1804-1813.	2.4	2
100	Restoration of full length APC protein in SW480 colon cancer cells induces exosome-mediated secretion of DKK1. <i>Electrophoresis</i> , 2012, 33, 1873-1880.	2.4	34
101	Extracellular Microvesicles: The Need for Internationally Recognised Nomenclature and Stringent Purification Criteria. <i>Journal of Proteomics and Bioinformatics</i> , 2012, 05, .	0.4	64
102	A Protocol for the Preparation of Cryoprecipitate and Cryodepleted Plasma. <i>Methods in Molecular Biology</i> , 2011, 728, 259-265.	0.9	21
103	Triton X-114 phase separation in the isolation and purification of mouse liver microsomal membrane proteins. <i>Methods</i> , 2011, 54, 396-406.	3.8	41
104	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, 444-456.	5.7	77
105	Gesicles: Microvesicle "Cookies" for Transient Information Transfer Between Cells. <i>Molecular Therapy</i> , 2011, 19, 1574-1576.	8.2	42
106	Preparation of Platelet Concentrates. <i>Methods in Molecular Biology</i> , 2011, 728, 267-278.	0.9	15
107	Preparation of Extracts from Yeast. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot5545-pdb.prot5545.	0.3	7
108	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.	3.7	55

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109	Strategies and agronomic interventions to improve the phosphorus-use efficiency of farming systems. <i>Plant and Soil</i> , 2011, 349, 89-120.	3.7	343
110	Plant and microbial strategies to improve the phosphorus efficiency of agriculture. <i>Plant and Soil</i> , 2011, 349, 121-156.	3.7	678
111	Crystal structure of the <i>Leishmania major</i> MIX protein: A scaffold protein that mediates protein-protein interactions. <i>Protein Science</i> , 2011, 20, 1060-1068.	7.6	4
112	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, 1238-1253.	2.2	12
113	Proteomic profiling of secretome and adherent plasma membranes from distinct mammary epithelial cell subpopulations. <i>Proteomics</i> , 2011, 11, 4029-4039.	2.2	25
114	Soil Microorganisms Mediating Phosphorus Availability Update on Microbial Phosphorus. <i>Plant Physiology</i> , 2011, 156, 989-996.	4.8	1,059
115	PHLDA1 Expression Marks the Putative Epithelial Stem Cells and Contributes to Intestinal Tumorigenesis. <i>Cancer Research</i> , 2011, 71, 3709-3719.	0.9	86
116	Proteomics Profiling of Madin-Darby Canine Kidney Plasma Membranes Reveals Wnt-5a Involvement during Oncogenic H-Ras/TGF- β -mediated Epithelial-Mesenchymal Transition. <i>Molecular and Cellular Proteomics</i> , 2011, 10, S1-S15.	3.8	47
117	A Fluorescent Microsphere-Based Method for Assay of Multiple Analytes in Plasma. <i>Methods in Molecular Biology</i> , 2011, 728, 195-206.	0.9	11
118	Low-Molecular Weight Plasma Proteome Analysis Using Centrifugal Ultrafiltration. <i>Methods in Molecular Biology</i> , 2011, 728, 109-124.	0.9	13
119	Identification of a PRMT5-dependent repressor complex linked to silencing of human fetal globin gene expression. <i>Blood</i> , 2010, 116, 1585-1592.	1.4	83
120	Stabilization of Proteins for Storage. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.top79.	0.3	43
121	Effect of lime on root growth, morphology and the rhizosheath of cereal seedlings growing in an acid soil. <i>Plant and Soil</i> , 2010, 327, 199-212.	3.7	84
122	Root morphology, root-hair development and rhizosheath formation on perennial grass seedlings is influenced by soil acidity. <i>Plant and Soil</i> , 2010, 335, 457-468.	3.7	83
123	International blood collection and storage: Clinical use of blood products. <i>Journal of Proteomics</i> , 2010, 73, 386-395.	2.4	46
124	A centrifugal ultrafiltration strategy for isolating the low-molecular weight (\approx 25K) component of human plasma proteome. <i>Journal of Proteomics</i> , 2010, 73, 637-648.	2.4	103
125	Exosomes: Extracellular organelles important in intercellular communication. <i>Journal of Proteomics</i> , 2010, 73, 1907-1920.	2.4	2,087
126	The Asia Oceania Human Proteome Organisation Membrane Proteomics Initiative. Preparation and characterisation of the carbonate-washed membrane standard. <i>Proteomics</i> , 2010, 10, 4142-4148.	2.2	26

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127	Is a gene-centric human proteome project the best way for proteomics to serve biology?. <i>Proteomics</i> , 2010, 10, 3067-3072.	2.2	17
128	An aspartyl protease directs malaria effector proteins to the host cell. <i>Nature</i> , 2010, 463, 627-631.	27.8	289
129	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.	3.8	496
130	Pouring Linear Gradient Gels with a Gradient Former. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5411.	0.3	1
131	SYPRO Orange Fluorescent Staining of Protein Gels. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5414-pdb.prot5414.	0.3	3
132	Optimal management of fertiliser and stocking rate in temperate grazing systems. <i>Animal Production Science</i> , 2010, 50, 6.	1.3	16
133	Extracellular Remodelling During Oncogenic Ras-Induced Epithelial-Mesenchymal Transition Facilitates MDCK Cell Migration. <i>Journal of Proteome Research</i> , 2010, 9, 1007-1019.	3.7	54
134	CTAB-PAGE. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5412-pdb.prot5412.	0.3	5
135	Disruption of Cultured Cells by Nitrogen Cavitation: Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5513.	0.3	42
136	Large-Scale Extraction of Recombinant Proteins from Bacteria. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5484-pdb.prot5484.	0.3	4
137	Solubilization of Escherichia coli Recombinant Proteins from Inclusion Bodies. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5485-pdb.prot5485.	0.3	7
138	Homogenization of Mammalian Tissue. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5455.	0.3	23
139	Small-Scale Extraction of Recombinant Proteins from Bacteria. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5483-pdb.prot5483.	0.3	1
140	Rapid Coomassie Blue Staining of Protein Gels. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5413.	0.3	15
141	ExoCarta: A compendium of exosomal proteins and RNA. <i>Proteomics</i> , 2009, 9, 4997-5000.	2.2	756
142	Secretome-based proteomics reveals sulindac-modulated proteins released from colon cancer cells. <i>Proteomics - Clinical Applications</i> , 2009, 3, 433-451.	1.6	31
143	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.	8.2	451
144	Role of the <i>Plasmodium</i> Export Element in Trafficking Parasite Proteins to the Infected Erythrocyte. <i>Traffic</i> , 2009, 10, 285-299.	2.7	164

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145	Transgenic barley (<i>Hordeum vulgare</i> L.) expressing the wheat aluminium resistance gene (<i>TaALMT1</i>) shows enhanced phosphorus nutrition and grain production when grown on an acid soil. <i>Plant Biotechnology Journal</i> , 2009, 7, 391-400.	8.3	149
146	Towards understanding epithelial-mesenchymal transition: A proteomics perspective. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1325-1331.	2.3	43
147	Exosomes: proteomic insights and diagnostic potential. <i>Expert Review of Proteomics</i> , 2009, 6, 267-283.	3.0	935
148	Plant mechanisms to optimise access to soil phosphorus. <i>Crop and Pasture Science</i> , 2009, 60, 124.	1.5	367
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