

# Michelle M Hill

## 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.

122  
papers

5,329  
citations

37  
h-index

71  
g-index

143  
ext. papers

6,224  
ext. citations

6.5  
avg, IF

5.51  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 122 | Pathophysiological Response to SARS-CoV-2 Infection Detected by Infrared Spectroscopy Enables Rapid and Robust Saliva Screening for COVID-19.. <i>Biomedicines</i> , <b>2022</b> , 10,  | 4.8  | 3         |
| 121 | An Individualized Exercise Intervention for People with Multiple Myeloma-Study Protocol of a Randomized Waitlist-Controlled Trial.. <i>Current Oncology</i> , <b>2022</b> , 29, 901-923   | 2.8  | 0         |
| 120 | A high-resolution mass spectrometry based proteomic dataset of human regulatory T cells.. <i>Data in Brief</i> , <b>2022</b> , 40, 107687   | 1.2  |           |
| 119 | C5b-9 Membrane Attack Complex Formation and Extracellular Vesicle Shedding in Barrett's Esophagus and Esophageal Adenocarcinoma.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 842023   | 8.4  | 0         |
| 118 | Elevation of fatty acid desaturase $\Delta$ in esophageal adenocarcinoma increases polyunsaturated lipids and may exacerbate bile acid-induced DNA damage.. <i>Clinical and Translational Medicine</i> , <b>2022</b> , 12, e810                       | 5.7  | 1         |
| 117 | Secreted Toxins From Strains Isolated From Keratinocyte Skin Cancers Mediate Pro-tumorigenic Inflammatory Responses in the Skin.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 789042   | 5.7  | 1         |
| 116 | An inverted CAV1 (caveolin 1) topology defines novel autophagy-dependent exosome secretion from prostate cancer cells. <i>Autophagy</i> , <b>2021</b> , 17, 2200-2216   | 10.2 | 7         |
| 115 | Ex vivo glucocorticoid-induced secreted proteome approach for discovery of glucocorticoid-responsive proteins in human serum. <i>Proteomics - Clinical Applications</i> , <b>2021</b> , 15, e2000078  | 7.1  | 1         |
| 114 | Caveolin-1-driven membrane remodelling regulates hnRNPK-mediated exosomal microRNA sorting in cancer. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e381   | 5.7  | 6         |
| 113 | Metaproteomic sample preparation methods bias the recovery of host and microbial proteins according to taxa and cellular compartment. <i>Journal of Proteomics</i> , <b>2021</b> , 240, 104219  | 3.9  | 1         |
| 112 | The Clinical Impact of Proteomics in Amyloid Typing. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 1122-1127   | 6.4  | 2         |
| 111 | LipidSuite: interactive web server for lipidomics differential and enrichment analysis. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, W346-W351   | 20.1 | 1         |
| 110 | Development of EndoScreen Chip, a Microfluidic Pre-Endoscopy Triage Test for Esophageal Adenocarcinoma. <i>Cancers</i> , <b>2021</b> , 13,  | 6.6  | 2         |
| 109 | Promoting exercise for patients with multiple myeloma: attitudes and practices of clinical haematologists. <i>Journal of Cancer Survivorship</i> , <b>2021</b> , 1  | 5.1  | 1         |
| 108 | An integrated mass spectrometry imaging and digital pathology workflow for objective detection of colorectal tumours by unique atomic signatures. <i>Chemical Science</i> , <b>2021</b> , 12, 10321-10333   | 9.4  | 5         |
| 107 | Expression of CD49f defines subsets of human regulatory T cells with divergent transcriptional landscape and function that correlate with ulcerative colitis disease activity. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1334 | 6.8  | 1         |
| 106 | Detecting antimicrobial resistance in using benchtop attenuated total reflectance-Fourier transform infrared spectroscopy and machine learning. <i>Analyst, The</i> , <b>2021</b> , 146, 6211-6219  | 5    | 1         |

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| 105 | Molecular and functional profiling of apical versus basolateral small extracellular vesicles derived from primary human proximal tubular epithelial cells under inflammatory conditions. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12064 | 16.4 | 3  |
| 104 | Candidate Glycoprotein Biomarkers for Canine Visceral Hemangiosarcoma and Validation Using Semi-Quantitative Lectin/Immunohistochemical Assays. <i>Veterinary Sciences</i> , <b>2021</b> , 8,  | 2.4  | 1  |
| 103 | In vivo proteomic mapping through GFP-directed proximity-dependent biotin labelling in zebrafish. <i>ELife</i> , <b>2021</b> , 10,   | 8.9  | 13 |
| 102 | Rapid Classification of COVID-19 Severity by ATR-FTIR Spectroscopy of Plasma Samples. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 10391-10396  | 7.8  | 10 |
| 101 | Addressing Delicate and Variable Cancer Morphology in Spectral Histopathology Using Canine Visceral Hemangiosarcoma. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 12187-12194   | 7.8  | 3  |
| 100 | Potential Role of Exercise Induced Extracellular Vesicles in Prostate Cancer Suppression. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 746040  | 5.3  | 0  |
| 99  | Chronic High-Fat Diet Induces Early Barrett's Esophagus in Mice through Lipidome Remodeling. <i>Biomolecules</i> , <b>2020</b> , 10,   | 5.9  | 5  |
| 98  | Marizomib suppresses triple-negative breast cancer via proteasome and oxidative phosphorylation inhibition. <i>Theranostics</i> , <b>2020</b> , 10, 5259-5275  | 12.1 | 17 |
| 97  | lipidr: A Software Tool for Data Mining and Analysis of Lipidomics Datasets. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 2890-2897   | 5.6  | 29 |
| 96  | Antibody-Free Targeted Proteomics Assay for Absolute Measurement of $\alpha$ -Tubulin Acetylation. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 11204-11212   | 7.8  | 1  |
| 95  | Antibody-Free Multiplex Measurement of 23 Human Cytokines in Primary Cell Culture Secretome Using Targeted Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3742-3750  | 7.8  | 4  |
| 94  | Liquid Biopsies for Hepatocellular Cancer and Their Potential in Clinical Practice. <i>Hepatology</i> , <b>2020</b> , 71, 2160-2162  | 11.2 | 5  |
| 93  | SAT-LB136 A Proteomic Approach to Identify Circulating Glucocorticoid Responsive Proteins in Humans. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4,  | 0.4  | 78 |
| 92  | Improved Physical Function And Quality Of Life In People With Blood Cancer After An Exercise Intervention. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 983-983  | 1.2  |    |
| 91  | Multiple interaction nodes define the postreplication repair response to UV-induced DNA damage that is defective in melanomas and correlated with UV signature mutation load. <i>Molecular Oncology</i> , <b>2020</b> , 14, 22-41                            | 7.9  | 2  |
| 90  | Lipid mechanisms in hallmarks of cancer. <i>Molecular Omics</i> , <b>2020</b> , 16, 6-18   | 4.4  | 13 |
| 89  | Concurrent lipidomics and proteomics on malignant plasma cells from multiple myeloma patients: Probing the lipid metabolome. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227455  | 3.7  | 11 |
| 88  | Physical Activity in People with Multiple Myeloma: Associated Factors and Exercise Program Preferences. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,   | 5.1  | 5  |

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|----|--|------|-----|
| 87 | A primary human T-cell spectral library to facilitate large scale quantitative T-cell proteomics. <i>Scientific Data</i> , <b>2020</b> , 7, 412  | 8.2  | 6   |
| 86 | Increased lipid metabolism impairs NK cell function and mediates adaptation to the lymphoma environment. <i>Blood</i> , <b>2020</b> , 136, 3004-3017   | 2.2  | 21  |
| 85 | Overexpression of miRNA-25-3p inhibits Notch1 signaling and TGF- $\beta$ -induced collagen expression in hepatic stellate cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 8541                                   | 4.9  | 12  |
| 84 | Acute high intensity interval exercise reduces colon cancer cell growth. <i>Journal of Physiology</i> , <b>2019</b> , 597, 2177-2184   | 3.9  | 26  |
| 83 | Urine proteomics study reveals potential biomarkers for the differential diagnosis of cholangiocarcinoma and periductal fibrosis. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221024                                       | 3.7  | 13  |
| 82 | Discovery and Qualification of Serum Protein Biomarker Candidates for Cholangiocarcinoma Diagnosis. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3305-3316  | 5.6  | 11  |
| 81 | Identification of intracellular cavin target proteins reveals cavin-PP1 $\alpha$ interactions regulate apoptosis. <i>Nature Communications</i> , <b>2019</b> , 10, 3279  | 17.4 | 29  |
| 80 | Subcellular Localization of MicroRNAs by MicroRNA In Situ Hybridization (miR-ISH). <i>Methods in Molecular Biology</i> , <b>2019</b> , 2054, 159-169   | 1.4  | 2   |
| 79 | Optimizing Size Exclusion Chromatography for Extracellular Vesicle Enrichment and Proteomic Analysis from Clinically Relevant Samples. <i>Proteomics</i> , <b>2019</b> , 19, e1800156                                | 4.8  | 32  |
| 78 | RaftProt V2: understanding membrane microdomain function through lipid raft proteomes. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, D459-D463   | 20.1 | 9   |
| 77 | Serum profile changes in postpartum women with a history of childhood maltreatment: a combined metabolite and lipid fingerprinting study. <i>Scientific Reports</i> , <b>2018</b> , 8, 3468                          | 4.9  | 14  |
| 76 | Evaluation of Serum Glycoprotein Biomarker Candidates for Detection of Esophageal Adenocarcinoma and Surveillance of Barrett's Esophagus. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 2324-2334     | 7.6  | 14  |
| 75 | Intestinal Metaproteomics Reveals Host-Microbiota Interactions in Subjects at Risk for Type 1 Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, 2178-2186   | 14.6 | 73  |
| 74 | Extracellular vesicles as circulating cancer biomarkers: opportunities and challenges. <i>Clinical and Translational Medicine</i> , <b>2018</b> , 7, 14  | 5.7  | 117 |
| 73 | Advances and challenges in understanding the role of the lipid raft proteome in human health. <i>Expert Review of Proteomics</i> , <b>2018</b> , 15, 1053-1063   | 4.2  | 7   |
| 72 | Iron Inhibits the Secretion of Apolipoprotein E in Cultured Human Adipocytes. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2018</b> , 6, 215-217.e8  | 7.9  | 5   |
| 71 | G9a drives hypoxia-mediated gene repression for breast cancer cell survival and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7077-7082 | 11.5 | 72  |
| 70 | Tyrosine dephosphorylated cortactin downregulates contractility at the epithelial zonula adherens through SRGAP1. <i>Nature Communications</i> , <b>2017</b> , 8, 790  | 17.4 | 21  |

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|----|---|------|----|
| 69 | Modulation of paracrine signaling by CD9 positive small extracellular vesicles mediates cellular growth of androgen deprived prostate cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 52237-52255                            | 3.3  | 43 |
| 68 | Purification Protocols for Extracellular Vesicles. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1660, 111-130  | 1.4  | 47 |
| 67 | An Electrochemical Method for the Detection of Disease-Specific Exosomes. <i>ChemElectroChem</i> , <b>2017</b> , 4, 967-971   | 4.3  | 56 |
| 66 | Complement component C9 as a new biomarker for esophageal adenocarcinoma.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 19-19  | 2.2  | 1  |
| 65 | Statistical Evaluation of Labeled Comparative Profiling Proteomics Experiments Using Permutation Test. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1549, 109-117  | 1.4  | 1  |
| 64 | Implementation and evaluation of amyloidosis subtyping by laser-capture microdissection and tandem mass spectrometry. <i>Clinical Proteomics</i> , <b>2016</b> , 13, 30   | 5    | 43 |
| 63 | Glyco-centric lectin magnetic bead array (LeMBA) - proteomics dataset of human serum samples from healthy, Barrett's esophagus and esophageal adenocarcinoma individuals. <i>Data in Brief</i> , <b>2016</b> , 7, 1058-62 | 1.2  | 5  |
| 62 | Enrichment and identification of glycoproteins in human saliva using lectin magnetic bead arrays. <i>Analytical Biochemistry</i> , <b>2016</b> , 497, 76-82   | 3.1  | 24 |
| 61 | Enhancing active surveillance of prostate cancer: the potential of exercise medicine. <i>Nature Reviews Urology</i> , <b>2016</b> , 13, 258-65  | 5.5  | 23 |
| 60 | Electrochemical detection of protein glycosylation using lectin and protein-gold affinity interactions. <i>Analyst, The</i> , <b>2016</b> , 141, 2356-61  | 5    | 13 |
| 59 | Adipocytes promote prostate cancer stem cell self-renewal through amplification of the cholecystokinin autocrine loop. <i>Oncotarget</i> , <b>2016</b> , 7, 4939-48   | 3.3  | 18 |
| 58 | Integrative Analysis of Subcellular Quantitative Proteomics Studies Reveals Functional Cytoskeleton Membrane-Lipid Raft Interactions in Cancer. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 3451-3462         | 5.6  | 12 |
| 57 | Coronin 1B Reorganizes the Architecture of F-Actin Networks for Contractility at Steady-State and Apoptotic Adherens Junctions. <i>Developmental Cell</i> , <b>2016</b> , 37, 58-71                                       | 10.2 | 67 |
| 56 | Reducing the cost of semi-automated in-gel tryptic digestion and GeLC sample preparation for high-throughput proteomics. <i>Journal of Proteomics</i> , <b>2016</b> , 149, 3-6  | 3.9  | 16 |
| 55 | Critical role of CAV1/caveolin-1 in cell stress responses in human breast cancer cells via modulation of lysosomal function and autophagy. <i>Autophagy</i> , <b>2015</b> , 11, 769-84                                    | 10.2 | 77 |
| 54 | Molecular Characterization of Caveolin-induced Membrane Curvature. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 24875-90   | 5.4  | 60 |
| 53 | Serum Glycoprotein Biomarker Discovery and Qualification Pipeline Reveals Novel Diagnostic Biomarker Candidates for Esophageal Adenocarcinoma. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 3023-39       | 7.6  | 26 |
| 52 | JIP4 is a PLK1 binding protein that regulates p38MAPK activity in G2 phase. <i>Cellular Signalling</i> , <b>2015</b> , 27, 2296-303   | 4.9  | 5  |

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|----|---|------|-----|
| 51 | RaftProt: mammalian lipid raft proteome database. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, D335-8  | 20.1 | 32  |
| 50 | Total transcriptome, proteome, and allergome of Johnson grass pollen, which is important for allergic rhinitis in subtropical regions. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 133-42  | 11.5 | 31  |
| 49 | EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , <b>2015</b> , 31, 933-9  | 7.2  | 256 |
| 48 | Progression of Osteosarcoma from a Non-Metastatic to a Metastatic Phenotype Is Causally Associated with Activation of an Autocrine and Paracrine uPA Axis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133592   | 3.7  | 34  |
| 47 | SseK3 Is a Salmonella Effector That Binds TRIM32 and Modulates the Host's NF- $\kappa$ B Signalling Activity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138529  | 3.7  | 28  |
| 46 | Non-caveolar caveolin-1 expression in prostate cancer cells promotes lymphangiogenesis. <i>Oncoscience</i> , <b>2015</b> , 2, 635-45  | 0.8  | 15  |
| 45 | Diet-induced hypercholesterolemia promotes androgen-independent prostate cancer metastasis via IQGAP1 and caveolin-1. <i>Oncotarget</i> , <b>2015</b> , 6, 7438-53  | 3.3  | 34  |
| 44 | Statins: protectors or pretenders in prostate cancer?. <i>Trends in Endocrinology and Metabolism</i> , <b>2014</b> , 25, 188-96   | 8.8  | 31  |
| 43 | Online quantitative proteomics p-value calculator for permutation-based statistical testing of peptide ratios. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 4184-91  | 5.6  | 23  |
| 42 | Electrochemical detection of glycan and protein epitopes of glycoproteins in serum. <i>Analyst, The</i> , <b>2014</b> , 139, 5970-6   | 5    | 10  |
| 41 | Cavin-1/PTRF alters prostate cancer cell-derived extracellular vesicle content and internalization to attenuate extracellular vesicle-mediated osteoclastogenesis and osteoblast proliferation. <i>Journal of Extracellular Vesicles</i> , <b>2014</b> , 3, | 16.4 | 65  |
| 40 | PTRF/cavin-1 neutralizes non-caveolar caveolin-1 microdomains in prostate cancer. <i>Oncogene</i> , <b>2014</b> , 33, 3561-70   | 9.2  | 54  |
| 39 | Caveolae regulate the nanoscale organization of the plasma membrane to remotely control Ras signaling. <i>Journal of Cell Biology</i> , <b>2014</b> , 204, 777-92   | 7.3  | 95  |
| 38 | Endocytic crosstalk: cavins, caveolins, and caveolae regulate clathrin-independent endocytosis. <i>PLoS Biology</i> , <b>2014</b> , 12, e1001832  | 9.7  | 99  |
| 37 | Senescent human hepatocytes express a unique secretory phenotype and promote macrophage migration. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 17851-62  | 5.6  | 37  |
| 36 | Caveola-forming proteins caveolin-1 and PTRF in prostate cancer. <i>Nature Reviews Urology</i> , <b>2013</b> , 10, 529-36   | 5.5  | 40  |
| 35 | Early diagnostic biomarkers for esophageal adenocarcinoma--the current state of play. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2013</b> , 22, 1185-209   | 4    | 26  |
| 34 | Ripples in the pond--using a systems approach to decipher the cellular functions of membrane microdomains. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 330-8   |      | 11  |

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| 33 | PTRF/Cavin-1 decreases prostate cancer angiogenesis and lymphangiogenesis. <i>Oncotarget</i> , <b>2013</b> , 4, 1844-55  | 5.5  | 35  |
| 32 | Co-regulation of cell polarization and migration by caveolar proteins PTRF/Cavin-1 and caveolin-1. <i>PLoS ONE</i> , <b>2012</b> , 7, e43041   | 3.7  | 45  |
| 31 | Role of intratumoural heterogeneity in cancer drug resistance: molecular and clinical perspectives. <i>EMBO Molecular Medicine</i> , <b>2012</b> , 4, 675-84   | 12   | 164 |
| 30 | Expression of PTRF in PC-3 Cells modulates cholesterol dynamics and the actin cytoskeleton impacting secretion pathways. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, M111.012245        | 7.6  | 50  |
| 29 | The dominant 55 kDa allergen of the subtropical Bahia grass ( <i>Paspalum notatum</i> ) pollen is a group 13 pollen allergen, Pas n 13. <i>Molecular Immunology</i> , <b>2011</b> , 48, 931-40           | 4.3  | 13  |
| 28 | PTRF-cavin-1 expression decreases the migration of PC3 prostate cancer cells: role of matrix metalloprotease 9. <i>European Journal of Cell Biology</i> , <b>2011</b> , 90, 136-42                       | 6.1  | 55  |
| 27 | High-throughput lectin magnetic bead array-coupled tandem mass spectrometry for glycoprotein biomarker discovery. <i>Electrophoresis</i> , <b>2011</b> , 32, 3564-75                                     | 3.6  | 35  |
| 26 | Differential impact of caveolae and caveolin-1 scaffolds on the membrane raft proteome. <i>Molecular and Cellular Proteomics</i> , <b>2011</b> , 10, M110.007146   | 7.6  | 29  |
| 25 | Therapeutic levels of the hydroxymethylglutaryl-coenzyme A reductase inhibitor lovastatin activate ras signaling via phospholipase D2. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 1110-20 | 4.8  | 29  |
| 24 | Proteomics in molecular diagnosis: typing of amyloidosis. <i>Journal of Biomedicine and Biotechnology</i> , <b>2011</b> , 2011, 754109   |      | 18  |
| 23 | Clathrin-independent carriers form a high capacity endocytic sorting system at the leading edge of migrating cells. <i>Journal of Cell Biology</i> , <b>2010</b> , 190, 675-91                           | 7.3  | 230 |
| 22 | Nucleophosmin and nucleolin regulate K-Ras signaling. <i>Communicative and Integrative Biology</i> , <b>2010</b> , 3, 188-90   | 1.7  | 11  |
| 21 | Lectin magnetic bead array for biomarker discovery. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5496-500  | 5.6  | 41  |
| 20 | Spatiotemporal regulation of early lipolytic signaling in adipocytes. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 32097-107  | 5.4  | 26  |
| 19 | Nucleophosmin and nucleolin regulate K-Ras plasma membrane interactions and MAPK signal transduction. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 28410-28419                            | 5.4  | 55  |
| 18 | MURC/Cavin-4 and cavin family members form tissue-specific caveolar complexes. <i>Journal of Cell Biology</i> , <b>2009</b> , 185, 1259-73   | 7.3  | 207 |
| 17 | PTRF-Cavin, a conserved cytoplasmic protein required for caveola formation and function. <i>Cell</i> , <b>2008</b> , 132, 113-24   | 56.2 | 537 |
| 16 | Evolutionary analysis and molecular dissection of caveola biogenesis. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2075-86  | 5.3  | 91  |

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|----|--|-----|-----|
| 15 | Reassessing the role of phosphocaveolin-1 in cell adhesion and migration. <i>Traffic</i> , <b>2007</b> , 8, 1695-1705  | 5.7 | 30  |
| 14 | Arf6-independent GPI-anchored protein-enriched early endosomal compartments fuse with sorting endosomes via a Rab5/phosphatidylinositol-3-kinase-dependent machinery. <i>Molecular Biology of the Cell</i> , <b>2006</b> , 17, 3689-704  | 3.5 | 93  |
| 13 | Insulin and oleate promote translocation of inosine-5-monophosphate dehydrogenase to lipid bodies. <i>Traffic</i> , <b>2004</b> , 5, 739-49  | 5.7 | 29  |
| 12 | Analysis of the composition, assembly kinetics and activity of native Apaf-1 apoptosomes. <i>EMBO Journal</i> , <b>2004</b> , 23, 2134-45  | 13  | 208 |
| 11 | Portrait of a killer: the mitochondrial apoptosome emerges from the shadows. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , <b>2003</b> , 3, 19-26  |     | 71  |
| 10 | Analysis of protein kinase B/Akt. <i>Methods in Enzymology</i> , <b>2002</b> , 345, 448-63   | 1.7 | 14  |
| 9  | Inhibition of protein kinase B/Akt. implications for cancer therapy <b>2002</b> , 93, 243-51   |     | 178 |
| 8  | Identification of a plasma membrane Raft-associated PKB Ser473 kinase activity that is distinct from ILK and PDK1. <i>Current Biology</i> , <b>2002</b> , 12, 1251-5   | 6.3 | 156 |
| 7  | Two splice variants of protein kinase B gamma have different regulatory capacity depending on the presence or absence of the regulatory phosphorylation site serine 472 in the carboxyl-terminal hydrophobic domain. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 29550-8 | 5.4 | 37  |
| 6  | Insulin-stimulated protein kinase B phosphorylation on Ser-473 is independent of its activity and occurs through a staurosporine-insensitive kinase. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 25643-6   | 5.4 | 107 |
| 5  | Identification of tyrosine phosphorylation sites on 3-phosphoinositide-dependent protein kinase-1 and their role in regulating kinase activity. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 37459-71   | 5.4 | 95  |
| 4  | Differential protein phosphorylation in 3T3-L1 adipocytes in response to insulin versus platelet-derived growth factor. No evidence for a phosphatidylinositide 3-kinase-independent pathway in insulin signaling. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 24313-20  | 5.4 | 5   |
| 3  | A role for protein kinase Bbeta/Akt2 in insulin-stimulated GLUT4 translocation in adipocytes. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 7771-81  | 4.8 | 282 |
| 2  | Intracellular localization of phosphatidylinositide 3-kinase and insulin receptor substrate-1 in adipocytes: potential involvement of a membrane skeleton. <i>Journal of Cell Biology</i> , <b>1998</b> , 140, 1211-25   | 7.3 | 159 |
| 1  | Insulin-regulatable phosphoproteins in 3T3-L1 adipocytes form detergent-insoluble complexes not associated with caveolin. <i>Electrophoresis</i> , <b>1997</b> , 18, 2629-37   | 3.6 | 14  |