

# CITATION REPORT

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## Raf-1 activation disrupts its binding to keratins during cell stress

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| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 51 | Cellular integrity plus: organelle-related and protein-targeting functions of intermediate filaments. <i>Trends in Cell Biology</i> , <b>2005</b> , 15, 608-17  | 18.3 | 209       |
| 50 | Keratin mutation primes mouse liver to oxidative injury. <i>Hepatology</i> , <b>2005</b> , 41, 517-25   | 11.2 | 36        |
| 49 | Human Ran cysteine 112 oxidation by pervanadate regulates its binding to keratins. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 12162-7  | 5.4  | 13        |
| 48 | Intermediate filament associated proteins. <i>Advances in Protein Chemistry</i> , <b>2005</b> , 70, 143-202   |      | 78        |
| 47 | Pemphigus antibody induced phosphorylation of keratinocyte proteins. <i>Autoimmunity</i> , <b>2006</b> , 39, 577-86   | 3    | 12        |
| 46 | Domain-Specific Phosphorylation as a Regulator of Intermediate Filaments. <i>Advances in Molecular and Cell Biology</i> , <b>2006</b> , 37, 307-332   |      |           |
| 45 | Development of small-molecule inhibitors of Raf. <i>Recent Patents on Anti-infective Drug Discovery</i> , <b>2006</b> , 1, 241-6  | 1.6  | 2         |
| 44 | Keratin 8 modulation of desmoplakin deposition at desmosomes in hepatocytes. <i>Experimental Cell Research</i> , <b>2006</b> , 312, 4108-19   | 4.2  | 34        |
| 43 | "Heads and tails" of intermediate filament phosphorylation: multiple sites and functional insights. <i>Trends in Biochemical Sciences</i> , <b>2006</b> , 31, 383-94  | 10.3 | 233       |
| 42 | Plectin-controlled keratin cytoarchitecture affects MAP kinases involved in cellular stress response and migration. <i>Journal of Cell Biology</i> , <b>2006</b> , 174, 557-68  | 7.3  | 129       |
| 41 | Protein phosphatase-2A associates with and dephosphorylates keratin 8 after hyposmotic stress in a site- and cell-specific manner. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 1425-32  | 5.3  | 29        |
| 40 | Hyperphosphorylation of the rotavirus NSP5 protein is independent of serine 67, [corrected] NSP2, or [corrected] the intrinsic insolubility of NSP5 is regulated by cellular phosphatases. <i>Journal of Virology</i> , <b>2006</b> , 80, 1807-16 | 6.6  | 17        |
| 39 | p38 MAPK-dependent shaping of the keratin cytoskeleton in cultured cells. <i>Journal of Cell Biology</i> , <b>2007</b> , 177, 795-807   | 7.3  | 72        |
| 38 | Reg-II is an exocrine pancreas injury-response product that is up-regulated by keratin absence or mutation. <i>Molecular Biology of the Cell</i> , <b>2007</b> , 18, 4969-78  | 3.5  | 19        |
| 37 | Selective Raf inhibition in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , <b>2007</b> , 11, 1587-609   | 6.4  | 50        |
| 36 | Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. <i>Hepatology</i> , <b>2007</b> , 46, 1639-49  | 11.2 | 130       |
| 35 | Raf kinases: function, regulation and role in human cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2007</b> , 1773, 1196-212   | 4.9  | 201       |

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|----|--|------|-----|
| 34 | Keratins modulate hepatic cell adhesion, size and G1/S transition. <i>Experimental Cell Research</i> , <b>2007</b> , 313, 179-94   | 4.2  | 75  |
| 33 | Structural and regulatory functions of keratins. <i>Experimental Cell Research</i> , <b>2007</b> , 313, 2021-32  | 4.2  | 220 |
| 32 | Providing cellular signposts--post-translational modifications of intermediate filaments. <i>FEBS Letters</i> , <b>2008</b> , 582, 2140-8  | 3.8  | 68  |
| 31 | Shear stress induced reorganization of the keratin intermediate filament network requires phosphorylation by protein kinase C zeta. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 2755-65 | 3.5  | 70  |
| 30 | Titin is a target of matrix metalloproteinase-2: implications in myocardial ischemia/reperfusion injury. <i>Circulation</i> , <b>2010</b> , 122, 2039-47   | 16.7 | 140 |
| 29 | Nestin negatively regulates postsynaptic differentiation of the neuromuscular synapse. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 324-30   | 25.5 | 37  |
| 28 | Molecular pathways: mitogen-activated protein kinase pathway mutations and drug resistance. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 2301-9   | 12.9 | 67  |
| 27 | Identification of protein interactions involved in cellular signaling. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 1752-63  | 7.6  | 60  |
| 26 | Keratin 8 modulates Ecell stress responses and normoglycaemia. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 5635-44   | 5.3  | 32  |
| 25 | Intermediate Filaments. <b>2014</b> , 2, 1-112   |      | 1   |
| 24 | Post-translational modifications of intermediate filament proteins: mechanisms and functions. <i>Nature Reviews Molecular Cell Biology</i> , <b>2014</b> , 15, 163-77                                | 48.7 | 320 |
| 23 | Human intestinal epithelial cells respond to $\beta$ glucans via Dectin-1 and Syk. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 3729-40   | 6.1  | 65  |
| 22 | Functional module search in protein networks based on semantic similarity improves the analysis of proteomics data. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 1877-89             | 7.6  | 4   |
| 21 | Activated k-ras, but not h-ras or N-ras, regulates brain neural stem cell proliferation in a raf/rb-dependent manner. <i>Stem Cells</i> , <b>2015</b> , 33, 1998-2010                                | 5.8  | 19  |
| 20 | Functional Implications of O-GlcNAcylation-dependent Phosphorylation at a Proximal Site on Keratin 18. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 12003-13                          | 5.4  | 12  |
| 19 | Multiple roles for keratin intermediate filaments in the regulation of epithelial barrier function and apico-basal polarity. <i>Tissue Barriers</i> , <b>2016</b> , 4, e1178368                      | 4.3  | 31  |
| 18 | Fibrous Proteins: Structures and Mechanisms. <i>Sub-Cellular Biochemistry</i> , <b>2017</b> ,  | 5.5  | 8   |
| 17 | Lessons from Animal Models of Cytoplasmic Intermediate Filament Proteins. <i>Sub-Cellular Biochemistry</i> , <b>2017</b> , 82, 171-230   | 5.5  | 15  |

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|----|--|------|-----|
| 16 | Keratin 8/18 regulation of insulin receptor signaling and trafficking in hepatocytes through a concerted phosphoinositide-dependent Akt and Rab5 modulation. <i>FASEB Journal</i> , <b>2017</b> , 31, 3555-3573                  | 0.9  | 5   |
| 15 | Isolation of Intermediate Filament Proteins from Multiple Mouse Tissues to Study Aging-associated Post-translational Modifications. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,                                     | 1.6  | 3   |
| 14 | Consequences of Keratin Phosphorylation for Cytoskeletal Organization and Epithelial Functions. <i>International Review of Cell and Molecular Biology</i> , <b>2017</b> , 330, 171-225   | 6    | 26  |
| 13 | Intermediate Filaments at the Junction of Mechanotransduction, Migration, and Development. <i>Frontiers in Cell and Developmental Biology</i> , <b>2017</b> , 5, 81  | 5.7  | 75  |
| 12 | The family of 14-3-3 proteins and specifically 14-3-3 $\beta$ are up-regulated during the development of renal pathologies. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 4139-4149                      | 5.6  | 7   |
| 11 | Cytoplasmic Intermediate Filaments in Cell Biology. <i>Annual Review of Cell and Developmental Biology</i> , <b>2018</b> , 34, 1-28  | 12.6 | 78  |
| 10 | Keratins regulate Hsp70-mediated nuclear localization of p38 mitogen-activated protein kinase. <i>Journal of Cell Science</i> , <b>2019</b> , 132,   | 5.3  | 3   |
| 9  | Cytokeratin 5 alters E-catenin dynamics in breast cancer cells. <i>Oncogene</i> , <b>2020</b> , 39, 2478-2492  | 9.2  | 12  |
| 8  | Generation of a tissue-specific transgenic model for K8 phosphomutants: A tool to investigate the role of K8 phosphorylation during skin carcinogenesis in vivo. <i>Cell Biology International</i> , <b>2021</b> , 45, 1720-1732 | 14.5 | 32  |
| 7  | Revealing the Roles of Keratin 8/18-Associated Signaling Proteins Involved in the Development of Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,                                | 6.3  | 1   |
| 6  | Keratin 8/18 Regulate the Akt Signaling Pathway. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,  | 6.3  | 1   |
| 5  | Acute effects of cell stretch on keratin filaments in A549 lung cells. <i>FASEB Journal</i> , <b>2020</b> , 34, 11227-11242  | 4.9  | 2   |
| 4  | Toward unraveling the complexity of simple epithelial keratins in human disease. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1794-805  | 15.9 | 192 |
| 3  | The 14-3-3 $\beta$ protein binds to the cell adhesion molecule L1, promotes L1 phosphorylation by CKII and influences L1-dependent neurite outgrowth. <i>PLoS ONE</i> , <b>2010</b> , 5, e13462                                  | 3.7  | 16  |
| 2  | PP2 protects from keratin mutation-associated liver injury and filament disruption via SRC kinase inhibition in male but not female mice.. <i>Hepatology</i> , <b>2022</b> ,   | 11.2 |     |
| 1  | Calreticulin in renal fibrosis: A short review. <b>2022</b> , 26, 5949-5954  |      | 0   |