

Philip L R Bonner

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

782
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

839
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Direct evidence that leukemic cells present HLA-associated immunogenic peptides derived from the BCR-ABL b3a2 fusion protein. <i>Blood</i> , 2001, 98, 2887-2893. | 1.4 | 231 |
| 2 | Transglutaminase treatment of wool fabrics leads to resistance to detergent damage. <i>Journal of Biotechnology</i> , 2005, 116, 379-386. | 3.8 | 86 |
| 3 | Detection of Ca ²⁺ -Dependent Transglutaminase Activity in Root and Leaf Tissue of Monocotyledonous and Dicotyledonous Plants. <i>Plant Physiology</i> , 1998, 117, 1115-1123. | 4.8 | 70 |
| 4 | Transglutaminase mediated grafting of silk proteins onto wool fabrics leading to improved physical and mechanical properties. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1698-1704. | 3.2 | 61 |
| 5 | Factors Influencing the Free Amino Acid Content of Potato (<i>Solanum tuberosum</i> L) Tubers during Prolonged Storage. <i>Journal of the Science of Food and Agriculture</i> , 1996, 70, 515-525. | 3.5 | 56 |
| 6 | Analysis of tryptic peptides using desorption electrospray ionisation combined with ion mobility spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1131-1138. | 1.5 | 52 |
| 7 | An extracellular transglutaminase is required for apple pollen tube growth. <i>Biochemical Journal</i> , 2010, 429, 261-271. | 3.7 | 49 |
| 8 | Estimation of peptide concentration by a modified bicinchoninic acid assay. <i>Analytical Biochemistry</i> , 2009, 393, 138-140. | 2.4 | 33 |
| 9 | An improved colorimetric assay for the measurement of transglutaminase (type II) $\hat{\mu}$ -(\hat{I}^3 -glutamyl) lysine cross-linking activity. <i>Analytical Biochemistry</i> , 2004, 330, 164-166. | 2.4 | 26 |
| 10 | Electrospray mass spectrometry for the identification of MHC class I-associated peptides expressed on cancer cells. <i>Journal of Immunological Methods</i> , 2002, 262, 5-19. | 1.4 | 24 |
| 11 | A1 adenosine receptor-induced phosphorylation and modulation of transglutaminase 2 activity in H9c2 cells: A role in cell survival. <i>Biochemical Pharmacology</i> , 2016, 107, 41-58. | 4.4 | 21 |
| 12 | Modulation of transglutaminase 2 activity in H9c2 cells by PKC and PKA signalling: a role for transglutaminase 2 in cytoprotection. <i>British Journal of Pharmacology</i> , 2014, 171, 3946-3960. | 5.4 | 14 |
| 13 | Assays for the measurement of tissue transglutaminase (type II) mediated protein crosslinking via $\hat{\mu}$ -(\hat{I}^3 -glutamyl) lysine and $\hat{\epsilon}$, $\hat{\epsilon}$ -bis (\hat{I}^3 -glutamyl) polyamine linkages using biotin labelled casein. <i>Journal of Proteomics</i> , 1997, 34, 31-43. | 2.4 | 13 |
| 14 | Nano-electrospray and microbore liquid chromatography-ion trap mass spectrometry studies of copper complexation with MHC restricted peptides. <i>Analyst</i> , 2000, 125, 599-603. | 3.5 | 12 |
| 15 | Immobilised Metal Affinity Chromatography for the Analysis of Proteins and Peptides. <i>Current Analytical Chemistry</i> , 2008, 4, 127-135. | 1.2 | 12 |
| 16 | Effects of phenyl saligenin phosphate on cell viability and transglutaminase activity in N2a neuroblastoma and HepG2 hepatoma cell lines. <i>Toxicology in Vitro</i> , 2009, 23, 1559-1563. | 2.4 | 8 |
| 17 | On-line capillary column immobilised metal affinity chromatography/electrospray ionisation mass spectrometry for the selective analysis of histidine-containing peptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 857, 240-245. | 2.3 | 7 |
| 18 | Neurite outgrowth inhibitory levels of organophosphates induce tissue transglutaminase activity in differentiating N2a cells: evidence for covalent adduct formation. <i>Archives of Toxicology</i> , 2020, 94, 3861-3875. | 4.2 | 3 |

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| 19 | Factors Influencing the Free Amino Acid Content of Potato <i>Solanum tuberosum</i> L Tubers during Prolonged Storage. <i>Journal of the Science of Food and Agriculture</i> , 1996, 70, 515-525. | 3.5 | 2 |
| 20 | An improved colorimetric assay for the measurement of transglutaminase (type II) γ -glutamyl lysine cross-linking activity. <i>Analytical Biochemistry</i> , 2004, 330, 164-164. | 2.4 | 1 |
| 21 | Effects of chlorpyrifos on transglutaminase activity in differentiating rat C6 glioma cells. <i>Toxicology in Vitro</i> , 2010, 24, 2104-2107. | 2.4 | 1 |