# Phillip D Whitfield

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 43 papers | 1,965 citations | 257450 24 h-index | 276875 41 g-index |
| 46 all docs | 46 docs citations | 46 times ranked | 3205 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Application of lipidomics in bivalve aquaculture, a review. Reviews in Aquaculture, 2020, 12, 678-702. | 9.0 | 21 |
| 2 | Complement modulation reverses pathology in Y402H-retinal pigment epithelium cell model of age-related macular degeneration by restoring lysosomal function. Stem Cells Translational Medicine, 2020, 9, 1585-1603. | 3.3 | 36 |
| 3 | EMSY expression affects multiple components of the skin barrier with relevance to atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 470-481. | 2.9 | 23 |
| 4 | Acute stress alters the rates of degradation of cardiac muscle proteins. Journal of Proteomics, 2019, 191, 124-130. | 2.4 | 4 |
| 5 | Functional and proteomic analysis of a full thickness filaggrin-deficient skin organoid model. Wellcome Open Research, 2019, 4, 134. | 1.8 | 13 |
| 6 | Proteomic analysis of a filaggrin-deficient skin organoid model shows evidence of increased transcriptional-translational activity, keratinocyte-immune crosstalk and disordered axon guidance. Wellcome Open Research, 2019, 4, 134. | 1.8 | 8 |
| 7 | Elevated Fibroblast growth factor 21 (FGF21) in obese, insulin resistant states is normalised by the synthetic retinoid Fenretinide in mice. Scientific Reports, 2017, 7, 43782. | 3.3 | 26 |
| 8 | Novel role for endogenous mitochondrial formylated peptide-driven formyl peptide receptor 1 signalling in acute respiratory distress syndrome. Thorax, 2017, 72, 928-936. | 5.6 | 64 |
| 9 | Comparing Simplification Strategies for the Skeletal Muscle Proteome. Proteomes, 2016, 4, 10. | 3.5 | 2 |
| 10 | Determining synthesis rates of individual proteins in zebrafish (Danio rerio) with low levels of a stable isotope labelled amino acid. Proteomics, 2016, 16, 1398-1406. | 2.2 | 2 |
| 11 | Neuronal human BACE1 knockin induces systemic diabetes in mice. Diabetologia, 2016, 59, 1513-1523. | 6.3 | 50 |
| 12 | Lipids and cardiovascular disease: where does dietary intervention sit alongside statin therapy?. Food and Function, 2016, 7, 2603-2614. | 4.6 | 22 |
| 13 | Tuning the nitric oxide release from CPO-27 MOFs. RSC Advances, 2016, 6, 14059-14067. | 3.6 | 55 |
| 14 | Fenretinide mediated retinoic acid receptor signalling and inhibition of ceramide biosynthesis regulates adipogenesis, lipid accumulation, mitochondrial function and nutrient stress signalling in adipocytes and adipose tissue. Biochemical Pharmacology, 2016, 100, 86-97. | 4.4 | 34 |
| 15 | 12-hydroxyeicosatetraenoic acid is associated with variability in aspirin-induced platelet inhibition. Journal of Inflammation, 2014, 11, 33. | 3.4 | 20 |
| 16 | Emerging importance of omegaâ€ƀ fatty acids in the innate immune response: Molecular mechanisms and lipidomic strategies for their analysis. Molecular Nutrition and Food Research, 2013, 57, 1390-1400. | 3.3 | 43 |
| 17 | Assessment of Global Proteome Dynamics in Carp: A Model for Investigating Environmental Stress. Journal of Proteome Research, 2013, 12, 5246-5252. | 3.7 | 6 |
| 18 | The biology of nematode- and IL4RÎ±-dependent murine macrophage polarization in vivo as defined by RNA-Seq and targeted lipidomics. Blood, 2012, 120, e93-e104. | 1.4 | 52 |

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|---|---|---|---|
| 19 | A proteomics strategy for determining the synthesis and degradation rates of individual proteins in fish. Journal of Proteomics, 2012, 75, 4471-4477. | 2.4 | 19 |
| 20 | Proteomics moves from expression to turnover: update and future perspective. Expert Review of Proteomics, 2011, 8, 325-334. | 3.0 | 26 |
| 21 | Mechanisms of Resolution of Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1001-1006. | 2.4 | 147 |
| 22 | Degradative proteomics and disease mechanisms. Proteomics - Clinical Applications, 2010, 4, 133-142. | 1.6 | 1 |
| 23 | Metabolomics: An Emerging Post-genomic Tool for Nutrition. , 2010, , 271-285. | | 2 |
| 24 | Regional variation in parvalbumin isoform expression correlates with muscle performance in common carp (Cyprinus carpio). Journal of Experimental Biology, 2009, 212, 184-193. | 1.7 | 33 |
| 25 | Biomarkers for ragwort poisoning in horses: identification of protein targets. BMC Veterinary Research, 2008, 4, 30. | 1.9 | 16 |
| 26 | Proteomics and naturally occurring animal diseases: Opportunities for animal and human medicine. Proteomics - Clinical Applications, 2008, 2, 135-141. | 1.6 | 21 |
| 27 | High Throughput Lipidomic Profiling of Schizophrenia and Bipolar Disorder Brain Tissue Reveals Alterations of Free Fatty Acids, Phosphatidylcholines, and Ceramides. Journal of Proteome Research, 2008, 7, 4266-4277. | 3.7 | 171 |
| 28 | Effect of lysosomal storage on bis(monoacylglycero)phosphate. Biochemical Journal, 2008, 411, 71-78. | 3.7 | 80 |
| 29 | Exploring genomes in agriculture and food science. British Journal of Nutrition, 2007, 97, 1047-1048. | 2.3 | 0 |
| 30 | Biomarker Discovery in Animal Health and Disease: The Application of Post-Genomic Technologies. Biomarker Insights, 2007, 2, 117727190700200. | 2.5 | 32 |
| 31 | Global cooling: Cold acclimation and the expression of soluble proteins in carp skeletal muscle. Proteomics, 2007, 7, 2667-2681. | 2.2 | 48 |
| 32 | Metabolomics as a diagnostic tool for hepatology: validation in a naturally occurring canine model. Metabolomics, 2005, 1, 215-225. | 3.0 | 33 |
| 33 | Urinary Lipid Profiling for the Identification of Fabry Hemizygotes and Heterozygotes. Clinical Chemistry, 2005, 51, 688-694. | 3.2 | 56 |
| 34 | Metabolomics: an emerging post-genomic tool for nutrition. British Journal of Nutrition, 2004, 92, 549-555. | 2.3 | 151 |
| 35 | Newborn Screening for Lysosomal Storage Disorders: Clinical Evaluation of a Two-Tier Strategy. Pediatrics, 2004, 114, 909-916. | 2.1 | 102 |
| 36 | Determination of oligosaccharides and glycolipids in amniotic fluid by electrospray ionisation tandem mass spectrometry: in utero indicators of lysosomal storage diseases. Molecular Genetics and Metabolism, 2004, 83, 231-238. | 1.1 | 57 |

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|---|---|---|---|
| 37 | Correlation among Genotype, Phenotype, and Biochemical Markers in Gaucher Disease: Implications for the Prediction of Disease Severity. Molecular Genetics and Metabolism, 2002, 75, 46-55. | 1.1 | 43 |
| 38 | Determination of Oligosaccharides in Pompe Disease by Electrospray Ionization Tandem Mass Spectrometry. Clinical Chemistry, 2002, 48, 131-139. | 3.2 | 59 |
| 39 | Characterization of Urinary Sulfatides in Metachromatic Leukodystrophy Using Electrospray Ionization-Tandem Mass Spectrometry. Molecular Genetics and Metabolism, 2001, 73, 30-37. | 1.1 | 51 |
| 40 | Quantification of galactosylsphingosine in the twitcher mouse using electrospray ionization-tandem mass spectrometry. Journal of Lipid Research, 2001, 42, 2092-2095. | 4.2 | 49 |
| 41 | Effect of Intravenous Lipid Emulsions on Hepatic Cholesterol Metabolism. Journal of Pediatric Gastroenterology and Nutrition, 2000, 30, 538-546. | 1.8 | 14 |
| 42 | The Role of Phytosterols in the Pathogenesis of Liver Complications of Pediatric Parenteral Nutrition. Nutrition, 1998, 14, 158-164. | 2.4 | 213 |
| 43 | A Method for the Quantitation of Conjugated Bile Acids in Dried Blood Spots Using Electrospray Ionization-Mass Spectrometry. Pediatric Research, 1998, 43, 361-368. | 2.3 | 51 |