

David Sheehan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7391421/publications.pdf>

Version: 2024-02-01

119
papers

5,850
citations

126858

33
h-index

76872

74
g-index

123
all docs

123
docs citations

123
times ranked

6396
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structure, function and evolution of glutathione transferases: implications for classification of non-mammalian members of an ancient enzyme superfamily. <i>Biochemical Journal</i> , 2001, 360, 1-16. | 1.7 | 1,449 |
| 2 | Structure, function and evolution of glutathione transferases: implications for classification of non-mammalian members of an ancient enzyme superfamily. <i>Biochemical Journal</i> , 2001, 360, 1. | 1.7 | 950 |
| 3 | Oxidative stress and toxicity of gold nanoparticles in <i>Mytilus edulis</i> . <i>Aquatic Toxicology</i> , 2010, 100, 178-186. | 1.9 | 264 |
| 4 | Antioxidative effect of added tea catechins on susceptibility of cooked red meat, poultry and fish patties to lipid oxidation. <i>Food Research International</i> , 2001, 34, 651-657. | 2.9 | 168 |
| 5 | Assessment of a glutathione S-transferase and related proteins in the gill and digestive gland of <i>Mytilus edulis</i> (L.), as potential organic pollution biomarkers. <i>Biomarkers</i> , 1997, 2, 51-56. | 0.9 | 132 |
| 6 | Proteomics as a route to identification of toxicity targets in environmental toxicology. <i>Proteomics</i> , 2006, 6, 5597-5604. | 1.3 | 129 |
| 7 | Anti-oxidant activity of added tea catechins on lipid oxidation of raw minced red meat, poultry and fish muscle. <i>International Journal of Food Science and Technology</i> , 2001, 36, 685-692. | 1.3 | 126 |
| 8 | Effects of seasonality on xenobiotic and antioxidant defence mechanisms of bivalve molluscs. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1999, 123, 193-199. | 0.5 | 121 |
| 9 | Carbonylation and glutathionylation of proteins in the blue mussel <i>Mytilus edulis</i> detected by proteomic analysis and Western blotting: Actin as a target for oxidative stress. <i>Aquatic Toxicology</i> , 2005, 73, 315-326. | 1.9 | 114 |
| 10 | Toxicity of copper oxide nanoparticles in the blue mussel, <i>Mytilus edulis</i> : A redox proteomic investigation. <i>Chemosphere</i> , 2014, 108, 289-299. | 4.2 | 98 |
| 11 | Gills are an initial target of zinc oxide nanoparticles in oysters <i>Crassostrea gigas</i> , leading to mitochondrial disruption and oxidative stress. <i>Aquatic Toxicology</i> , 2014, 153, 27-38. | 1.9 | 84 |
| 12 | Glutathione transferase-like proteins encoded in genomes of yeasts and fungi: insights into evolution of a multifunctional protein superfamily. <i>FEMS Microbiology Letters</i> , 2005, 242, 1-12. | 0.7 | 81 |
| 13 | Protein carbonylation and heat shock response in <i>Ruditapes decussatus</i> following p,p'-dichlorodiphenyldichloroethylene (DDE) exposure: A proteomic approach reveals that DDE causes oxidative stress. <i>Aquatic Toxicology</i> , 2006, 77, 11-18. | 1.9 | 77 |
| 14 | Sonodisruption of re-assembled casein micelles at different pH values. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 644-648. | 3.8 | 70 |
| 15 | Ecotoxicoproteomics: A decade of progress in our understanding of anthropogenic impact on the environment. <i>Journal of Proteomics</i> , 2019, 198, 66-77. | 1.2 | 66 |
| 16 | Redox proteomics in the blue mussel <i>Mytilus edulis</i> : Carbonylation is not a pre-requisite for ubiquitination in acute free radical-mediated oxidative stress. <i>Aquatic Toxicology</i> , 2006, 79, 325-333. | 1.9 | 65 |
| 17 | Detection of redox-based modification in two-dimensional electrophoresis proteomic separations. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 455-462. | 1.0 | 64 |
| 18 | Exposure of the blue mussel, <i>Mytilus edulis</i> , to gold nanoparticles and the pro-oxidant menadione. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 167-174. | 1.3 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effect of oxidative stress on protein thiols in the blue mussel <i>Mytilus edulis</i> : Proteomic identification of target proteins. <i>Proteomics</i> , 2007, 7, 3395-3403. | 1.3 | 56 |
| 20 | Oxidative stress in response to xenobiotics in the blue mussel <i>Mytilus edulis</i> L.: Evidence for variation along a natural salinity gradient of the Baltic Sea. <i>Aquatic Toxicology</i> , 2007, 82, 63-71. | 1.9 | 55 |
| 21 | Seasonal variation in the antioxidant defence systems of gill and digestive gland of the blue mussel, <i>Mytilus edulis</i> . <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996, 114, 99-103. | 0.5 | 52 |
| 22 | Studies on isoenzymes of glutathione S-transferase in the digestive gland of <i>Mytilus galloprovincialis</i> with exposure to pollution. <i>Marine Environmental Research</i> , 1995, 39, 241-244. | 1.1 | 51 |
| 23 | Proteomic evaluation of citrate-coated silver nanoparticles toxicity in <i>Daphnia magna</i> . <i>Analyst</i> , The, 2014, 139, 1678-1686. | 1.7 | 51 |
| 24 | Alkaline pH does not disrupt re-assembled casein micelles. <i>Food Chemistry</i> , 2009, 116, 929-932. | 4.2 | 43 |
| 25 | Hepatic biomarkers of sediment-associated pollution in juvenile turbot, <i>Scophthalmus maximus</i> L.. <i>Marine Environmental Research</i> , 2007, 64, 191-208. | 1.1 | 42 |
| 26 | Variability of heat shock proteins and glutathione S-transferase in gill and digestive gland of blue mussel, <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2003, 56, 585-597. | 1.1 | 41 |
| 27 | A comparative study of tea catechins and α -tocopherol as antioxidants in cooked beef and chicken meat. <i>European Food Research and Technology</i> , 2001, 213, 286-289. | 1.6 | 40 |
| 28 | Comparison of pH-dependent sonodisruption of re-assembled casein micelles by 35 and 130kHz ultrasounds. <i>Journal of Food Engineering</i> , 2009, 95, 505-509. | 2.7 | 40 |
| 29 | Redox proteomics. <i>Expert Review of Proteomics</i> , 2010, 7, 1-4. | 1.3 | 40 |
| 30 | Proteomic identification of tyrosine nitration targets in kidney of spontaneously hypertensive rats. <i>Proteomics</i> , 2007, 7, 4555-4564. | 1.3 | 39 |
| 31 | Response surface optimization of an artificial neural network for predicting the size of re-assembled casein micelles. <i>Computers and Electronics in Agriculture</i> , 2009, 68, 216-221. | 3.7 | 39 |
| 32 | Protective role of exogenous phytohormones on redox status in pea seedlings under copper stress. <i>Journal of Plant Physiology</i> , 2018, 221, 51-61. | 1.6 | 37 |
| 33 | Redox Modulation of Integrin β 3 Involves a Novel Allosteric Regulation of Its Thiol Isomerase Activity. <i>Biochemistry</i> , 2004, 43, 473-480. | 1.2 | 35 |
| 34 | Ubiquitination and carbonylation as markers of oxidative-stress in <i>Ruditapes decussatus</i> . <i>Marine Environmental Research</i> , 2008, 66, 95-97. | 1.1 | 32 |
| 35 | Effect of permethrin, anthracene and mixture exposure on shell components, enzymatic activities and proteins status in the Mediterranean clam <i>Venerupis decussata</i> . <i>Aquatic Toxicology</i> , 2015, 158, 22-32. | 1.9 | 32 |
| 36 | Role of the ubiquitin-proteasome pathway and some peptidases during seed germination and copper stress in bean cotyledons. <i>Plant Physiology and Biochemistry</i> , 2014, 76, 77-85. | 2.8 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Glutathione S-transferases from the white-rot fungus, <i>Phanerochaete chrysosporium</i> . <i>Biochemical Journal</i> , 1997, 324, 243-248. | 1.7 | 29 |
| 38 | Proteomic Profiling of Perturbed Protein Sulfenation in Renal Medulla of the Spontaneously Hypertensive Rat. <i>Journal of Proteome Research</i> , 2010, 9, 2678-2687. | 1.8 | 28 |
| 39 | A redox proteomic investigation of oxidative stress caused by benzoylecgonine in the freshwater bivalve <i>Dreissena polymorpha</i> . <i>Drug Testing and Analysis</i> , 2013, 5, 646-656. | 1.6 | 27 |
| 40 | Role of endocytotic uptake routes in impacting the ROS-related toxicity of silver nanoparticles to <i>Mytilus galloprovincialis</i> : A redox proteomic investigation. <i>Aquatic Toxicology</i> , 2018, 200, 21-27. | 1.9 | 27 |
| 41 | Selection of thiol- and disulfide-containing proteins of <i>Escherichia coli</i> on activated thiol-Sepharose. <i>Analytical Biochemistry</i> , 2010, 398, 245-253. | 1.1 | 26 |
| 42 | Ion-Transfer Voltammetric Behavior of Protein Digests at Liquid Liquid Interfaces. <i>Analytical Chemistry</i> , 2010, 82, 258-264. | 3.2 | 26 |
| 43 | Redox Remodeling Is Pivotal in Murine Diaphragm Muscle Adaptation to Chronic Sustained Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 12-23. | 1.4 | 25 |
| 44 | Shotgun proteomics for the preliminary identification of biomarkers of beef sensory tenderness, juiciness and chewiness from plasma and muscle of young Limousin-sired bulls. <i>Meat Science</i> , 2021, 176, 108488. | 2.7 | 25 |
| 45 | Cellular responses in primary epidermal cultures from rainbow trout exposed to zinc chloride. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 332-341. | 2.9 | 23 |
| 46 | Ultrasound-assisted generation of ACE-inhibitory peptides from casein hydrolyzed with nanoencapsulated protease. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2112-2116. | 1.7 | 23 |
| 47 | Environmental OMICS: Current Status and Future Directions. <i>Journal of Integrated OMICS</i> , 2013, 3, . | 0.5 | 22 |
| 48 | Variable expression of glutathione S-transferase isoenzymes in the fungus, <i>Mucor circinelloides</i> . <i>FEMS Microbiology Letters</i> , 1999, 170, 13-17. | 0.7 | 21 |
| 49 | Chronic sustained hypoxia-induced redox remodeling causes contractile dysfunction in mouse sternohyoid muscle. <i>Frontiers in Physiology</i> , 2015, 6, 122. | 1.3 | 21 |
| 50 | Chronic intermittent hypoxia increases rat sternohyoid muscle NADPH oxidase expression with attendant modest oxidative stress. <i>Frontiers in Physiology</i> , 2015, 6, 15. | 1.3 | 21 |
| 51 | Neutral red retention time assay in determination of toxicity of nanoparticles. <i>Marine Environmental Research</i> , 2015, 111, 158-161. | 1.1 | 21 |
| 52 | Toxicity assessment of ZnO-decorated Au nanoparticles in the Mediterranean clam <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2017, 188, 10-19. | 1.9 | 21 |
| 53 | Protein carbonylation in kidney medulla of the spontaneously hypertensive rat. <i>Proteomics - Clinical Applications</i> , 2009, 3, 338-346. | 0.8 | 19 |
| 54 | Ubiquitination and carbonylation of proteins in the clam <i>Ruditapes decussatus</i> , exposed to nonylphenol using redox proteomics. <i>Chemosphere</i> , 2010, 81, 1212-1217. | 4.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Proteomic analysis of an environmental isolate of <i>Rhodotorula mucilaginosa</i> after arsenic and cadmium challenge: Identification of a protein expression signature for heavy metal exposure. <i>Journal of Proteomics</i> , 2016, 141, 47-56. | 1.2 | 19 |
| 56 | The Potential of Proteomics for Providing New Insights into Environmental Impacts on Human Health. <i>Reviews on Environmental Health</i> , 2007, 22, 175-94. | 1.1 | 18 |
| 57 | Effects of anthracene on filtration rates, antioxidant defense system, and redox proteomics in the Mediterranean clam <i>Ruditapes decussatus</i> (Mollusca: Bivalvia). <i>Environmental Science and Pollution Research</i> , 2015, 22, 10956-10968. | 2.7 | 18 |
| 58 | Redox Proteomics Changes in the Fungal Pathogen <i>Trichosporon asahii</i> on Arsenic Exposure: Identification of Protein Responses to Metal-Induced Oxidative Stress in an Environmentally-Sampled Isolate. <i>PLoS ONE</i> , 2014, 9, e102340. | 1.1 | 18 |
| 59 | Glutathione S-transferases of the yeast <i>Yarrowia lipolytica</i> have unusually large molecular mass. <i>Biochemical Journal</i> , 1998, 333, 839-845. | 1.7 | 17 |
| 60 | Identification of a multixenobiotic resistance mechanism in primary cultured epidermal cells from <i>Oncorhynchus mykiss</i> and the effects of environmental complex mixtures on its activity. <i>Aquatic Toxicology</i> , 2005, 73, 115-127. | 1.9 | 17 |
| 61 | Covalent selection of the thiol proteome on activated thiol sepharose: A robust tool for redox proteomics. <i>Talanta</i> , 2010, 80, 1569-1575. | 2.9 | 17 |
| 62 | Application of iTRAQ Reagents to Relatively Quantify the Reversible Redox State of Cysteine Residues. <i>International Journal of Proteomics</i> , 2012, 2012, 1-9. | 2.0 | 17 |
| 63 | Effects of permethrin exposure on antioxidant enzymes and protein status in Mediterranean clams <i>Ruditapes decussatus</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 4461-4472. | 2.7 | 17 |
| 64 | Biochemical and biomolecular effects induced by a static magnetic field in <i>Saccharomyces cerevisiae</i> : Evidence for oxidative stress. <i>PLoS ONE</i> , 2019, 14, e0209843. | 1.1 | 17 |
| 65 | Microbial glutathione S-transferases. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1993, 104, 1-6. | 0.2 | 15 |
| 66 | Evidence for Alpha and Mu class glutathione S-transferases in a number of fungal species. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1993, 104, 7-13. | 0.2 | 15 |
| 67 | A Two-Species Biomarker Model for the Assessment of Sediment Toxicity in the Marine and Estuarine Environment Using the Comet Assay. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 939-953. | 0.9 | 15 |
| 68 | Enhanced thermal and ultrasonic stability of a fungal protease encapsulated within biomimetically generated silicate nanospheres. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 459-465. | 1.1 | 15 |
| 69 | Early life exposure to chronic intermittent hypoxia causes upper airway dilator muscle weakness, which persists into young adulthood. <i>Experimental Physiology</i> , 2015, 100, 947-966. | 0.9 | 15 |
| 70 | Redox biology response in germinating <i>Phaseolus vulgaris</i> seeds exposed to copper: Evidence for differential redox buffering in seedlings and cotyledon. <i>PLoS ONE</i> , 2017, 12, e0184396. | 1.1 | 14 |
| 71 | Novel static magnetic field effects on green chemistry biosynthesis of silver nanoparticles in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2021, 11, 20078. | 1.6 | 14 |
| 72 | Nucleotide and deduced amino acid sequences of <i>Rhizobium meliloti</i> 102F34 <i>lacZ</i> gene: comparison with prokaryotic β -galactosidases and human β -glucuronidase. <i>Gene</i> , 1994, 141, 91-96. | 1.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Proteomics in investigation of protein nitration in kidney disease: Technical challenges and perspectives from the spontaneously hypertensive rat. <i>Mass Spectrometry Reviews</i> , 2011, 30, 121-141. | 2.8 | 13 |
| 74 | Redox proteomic insights into involvement of clathrin-mediated endocytosis in silver nanoparticles toxicity to <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2018, 13, e0205765. | 1.1 | 13 |
| 75 | Purification and characterisation of acetolactate decarboxylase from <i>Leuconostoc lactis</i> NCW1. <i>FEMS Microbiology Letters</i> , 2001, 194, 245-249. | 0.7 | 12 |
| 76 | Transcriptome signatures of p,p'-DDE-induced liver damage in <i>Mus spretus</i> mice. <i>Environmental Pollution</i> , 2018, 238, 150-167. | 3.7 | 12 |
| 77 | Redox proteomic analysis of <i>Mytilus edulis</i> gills: effects of the pharmaceutical diclofenac on a non-target organism. <i>Drug Testing and Analysis</i> , 2015, 7, 957-966. | 1.6 | 11 |
| 78 | The effects of anthracene on biochemical responses of Mediterranean mussels <i>Mytilus galloprovincialis</i> . <i>Chemistry and Ecology</i> , 2017, 33, 309-324. | 0.6 | 11 |
| 79 | Fast Protein Liquid Chromatography. <i>Methods in Molecular Biology</i> , 2017, 1485, 365-373. | 0.4 | 11 |
| 80 | Shotgun redox proteomics in sub-proteomes trapped on functionalised beads: Identification of proteins targeted by oxidative stress. <i>Marine Environmental Research</i> , 2010, 69, S25-S27. | 1.1 | 10 |
| 81 | Online homology modelling as a means of bridging the sequence-structure gap. <i>Bioengineered Bugs</i> , 2011, 2, 299-305. | 2.0 | 10 |
| 82 | Comparison of thiol subproteome of the vent mussel <i>Bathymodiolus azoricus</i> from different Mid-Atlantic Ridge vent sites. <i>Science of the Total Environment</i> , 2012, 437, 413-421. | 3.9 | 10 |
| 83 | Gold Octahedra nanoparticles (Au _{0.03} and Au _{0.045}): Synthesis and impact on marine clams <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2018, 202, 97-104. | 1.9 | 10 |
| 84 | Binding of 2-hydroxy-5-nitrobenzyl alcohol to rat alpha class glutathione S-transferases; evidence for binding at tryptophan 21. <i>BBA - Proteins and Proteomics</i> , 1996, 1293, 185-190. | 2.1 | 9 |
| 85 | Assessment of RNeasy Protect as a Potential Method to Preserve Bovine Muscle Proteins Compared with Dry Ice in a Proteomic Study. <i>Foods</i> , 2019, 8, 60. | 1.9 | 9 |
| 86 | Characterization of recombinant acetolactate synthase from <i>Leuconostoc lactis</i> NCW1. <i>Enzyme and Microbial Technology</i> , 1999, 25, 61-67. | 1.6 | 8 |
| 87 | Proteomic responses to metal-induced oxidative stress in hydrothermal vent-living mussels, <i>Bathymodiolus</i> sp., on the Southwest Indian Ridge. <i>Marine Environmental Research</i> , 2014, 96, 29-37. | 1.1 | 8 |
| 88 | Nanomaterials as Emerging Environmental Threats. <i>Current Chemical Biology</i> , 2010, 4, 151-160. | 0.2 | 8 |
| 89 | Effect of divalent metal cations on <i>Rhizobium meliloti</i> B-galactosidase. <i>Biochemical Society Transactions</i> , 1991, 19, 19S-19S. | 1.6 | 7 |
| 90 | Purification and some characteristics of a recombinant dimeric <i>Rhizobium meliloti</i> β -galactosidase expressed in <i>Escherichia coli</i> . <i>Enzyme and Microbial Technology</i> , 2001, 28, 682-688. | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Redox Proteomics in Study of Kidney-Associated Hypertension: New Insights to Old Diseases. Antioxidants and Redox Signaling, 2012, 17, 1560-1570. | 2.5 | 7 |
| 92 | Application of a redox proteomics toolbox to <i>Daphnia magna</i> challenged with model prooxidants copper and paraquat. Environmental Toxicology and Chemistry, 2015, 34, 84-91. | 2.2 | 7 |
| 93 | Zinc oxide, titanium dioxide and C60 fullerene nanoparticles, alone and in mixture, differently affect biomarker responses and proteome in the clam <i>Ruditapes philippinarum</i> . Science of the Total Environment, 2022, 838, 155873. | 3.9 | 7 |
| 94 | Effects of 2-(4-Methoxyphenyl)-5, 6-trimethylene-4H-1, 3, 2-oxathiaphosphorine-2-sulfide on biomarkers of Mediterranean clams <i>Ruditapes decussatus</i> . Ecotoxicology and Environmental Safety, 2015, 120, 263-269. | 2.9 | 6 |
| 95 | The clinical potential of thiol redox proteomics. Expert Review of Proteomics, 2020, 17, 41-48. | 1.3 | 6 |
| 96 | Calcium and Citrate Protect <i>Pisum sativum</i> Roots against Copper Toxicity by Regulating the Cellular Redox Status. Journal of Soil Science and Plant Nutrition, 0, , 1. | 1.7 | 5 |
| 97 | Seasonal variations in the levels of antioxidant enzymes in <i>mytilus edulis</i> . Biochemical Society Transactions, 1995, 23, 354S-354S. | 1.6 | 4 |
| 98 | Fast Protein Liquid Chromatography. , 2004, 244, 253-258. | | 4 |
| 99 | Gold Nanoparticles and Oxidative Stress in the Blue Mussel, <i>Mytilus edulis</i> . Methods in Molecular Biology, 2013, 1028, 197-203. | 0.4 | 4 |
| 100 | Purification and basic properties of the aspartate aminotransferases from a variety of sources. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1981, 69, 737-746. | 0.2 | 3 |
| 101 | Purification of β -acetolactate synthase from <i>Leuconostoc lactis</i> NCW1. Biochemical Society Transactions, 1995, 23, 366S-366S. | 1.6 | 3 |
| 102 | Structural investigation of a glutathione binding site using computational analysis. Biochemical Society Transactions, 1995, 23, 382S-382S. | 1.6 | 3 |
| 103 | Ligand-binding properties of the glutathione-binding protein of the mussel, <i>Mytilus edulis</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1996, 115, 439-443. | 0.7 | 3 |
| 104 | The 110kDa glutathione transferase of <i>Yarrowia lipolytica</i> is encoded by a homologue of the TEF3 gene from <i>Saccharomyces cerevisiae</i> : Cloning, expression, and homology modeling of the recombinant protein. Biochemical and Biophysical Research Communications, 2005, 337, 1125-1132. | 1.0 | 3 |
| 105 | Chemical modification at subunit 1 of rat kidney Alpha class glutathione transferase with 2,3,5,6-tetrachloro-1,4-benzoquinone: Close structural connectivity between glutathione conjugation activity and non-substrate ligand binding. Biochemical Pharmacology, 2006, 71, 1629-1636. | 2.0 | 3 |
| 106 | Subunit structure of fungal Glutathione-S-Transferases. Biochemical Society Transactions, 1991, 19, 17S-17S. | 1.6 | 2 |
| 107 | Purification of glutathione S-transferase from the fungus <i>Alternaria alternata</i> . Biochemical Society Transactions, 1994, 22, 58S-58S. | 1.6 | 2 |
| 108 | Fast Protein Liquid Chromatography (FPLC) Methods. , 1996, 59, 269-276. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | A modification of the hanging drop method of protein crystallisation suitable for an undergraduate class practical. <i>Biochemical Education</i> , 1998, 26, 173-175. | 0.1 | 2 |
| 110 | Design of Emulsification Peptides. <i>Advances in Food and Nutrition Research</i> , 1998, 42, 93-129. | 1.5 | 2 |
| 111 | Identification of an elongation factor 1B ³ protein with glutathione transferase activity in both yeast and mycelial morphologies from human pathogenic <i>Blastoschizomyces capitatus</i> . <i>Folia Microbiologica</i> , 2014, 59, 107-113. | 1.1 | 2 |
| 112 | Glutathione S-transferases AA and B possess a common antigenic determinant. <i>Biochemical Society Transactions</i> , 1982, 10, 113-113. | 1.6 | 1 |
| 113 | Identification of a novel cell wall-associated endopeptidase in <i>Lactococcus lactis</i> subspecies <i>cromoris</i> SK11. <i>Biochemical Society Transactions</i> , 1994, 22, 38S-38S. | 1.6 | 1 |
| 114 | Cysteine plays a role in catalysis in glutathione S-transferase 1 ¹ . <i>Biochemical Society Transactions</i> , 1995, 23, 388S-388S. | 1.6 | 1 |
| 115 | Redox Proteomics – A Route to the Identification of Damaged Proteins. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 295-308. | 0.1 | 1 |
| 116 | Purification of Glutathione S-Transferases from <i>Yarrowia lipolytica</i> . <i>Biochemical Society Transactions</i> , 1995, 23, 374S-374S. | 1.6 | 0 |
| 117 | Protein thiols as novel biomarkers in ecotoxicology: A case study of oxidative stress in <i>Mytilus edulis</i> sampled near a former industrial site in Cork Harbour, Ireland. <i>Journal of Integrated OMICS</i> , 2012, 2, . | 0.5 | 0 |
| 118 | Time-dependent muscle-specific protein oxidation in a mouse model of chronic hypoxia. <i>FASEB Journal</i> , 2013, 27, 719.2. | 0.2 | 0 |
| 119 | Effects of Gold Nanoparticles on the Mediterranean Clams <i>Ruditapes decussatus</i> : Chemical and Biochemical Investigations. <i>Advances in Science, Technology and Innovation</i> , 2018, , 577-580. | 0.2 | 0 |