

John F Timms

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

5,380
citations

159358

30
h-index

189595

50
g-index

53
all docs

53
docs citations

53
times ranked

7374
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Function of 3-Phosphorylated Inositol Lipids. <i>Annual Review of Biochemistry</i> , 2001, 70, 535-602.	5.0	1,457
2	Cellular Function of Phosphoinositide 3-Kinases: Implications for Development, Immunity, Homeostasis, and Cancer. <i>Annual Review of Cell and Developmental Biology</i> , 2001, 17, 615-675.	4.0	1,047
3	Evaluation of Two-dimensional Differential Gel Electrophoresis for Proteomic Expression Analysis of a Model Breast Cancer Cell System. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 91-98.	2.5	255
4	Regulation of Early Events in Integrin Signaling by Protein Tyrosine Phosphatase SHP-2. <i>Molecular and Cellular Biology</i> , 1999, 19, 3205-3215.	1.1	204
5	Identification of Major Binding Proteins and Substrates for the SH2-Containing Protein Tyrosine Phosphatase SHP-1 in Macrophages. <i>Molecular and Cellular Biology</i> , 1998, 18, 3838-3850.	1.1	189
6	Serum CA19-9 Is Significantly Upregulated up to 2 Years before Diagnosis with Pancreatic Cancer: Implications for Early Disease Detection. <i>Clinical Cancer Research</i> , 2015, 21, 622-631.	3.2	158
7	Preanalytic Influence of Sample Handling on SELDI-TOF Serum Protein Profiles. <i>Clinical Chemistry</i> , 2007, 53, 645-656.	1.5	131
8	The B-cell transmembrane protein CD72 binds to and is an in vivo substrate of the protein tyrosine phosphatase SHP-1. <i>Current Biology</i> , 1998, 8, 1009-1017.	1.8	125
9	Effects of ErbB-2 overexpression on mitogenic signalling and cell cycle progression in human breast luminal epithelial cells. <i>Oncogene</i> , 2002, 21, 6573-6586.	2.6	111
10	SHPS-1 is a scaffold for assembling distinct adhesion-regulated multi-protein complexes in macrophages. <i>Current Biology</i> , 1999, 9, 927-S4.	1.8	103
11	Proteomic analysis of redox- and ErbB2-dependent changes in mammary luminal epithelial cells using cysteine- and lysine-labelling two-dimensional difference gel electrophoresis. <i>Proteomics</i> , 2005, 5, 2908-2926.	1.3	100
12	The Role of S100P in the Invasion of Pancreatic Cancer Cells Is Mediated through Cytoskeletal Changes and Regulation of Cathepsin D. <i>Cancer Research</i> , 2007, 67, 8633-8642.	0.4	90
13	Testing breast cancer serum biomarkers for early detection and prognosis in pre-diagnosis samples. <i>British Journal of Cancer</i> , 2017, 116, 501-508.	2.9	86
14	Evaluation of serum CEA, CYFRA21-1 and CA125 for the early detection of colorectal cancer using longitudinal preclinical samples. <i>British Journal of Cancer</i> , 2015, 113, 268-274.	2.9	84
15	Dynamic cofilin phosphorylation in the control of lamellipodial actin homeostasis. <i>Journal of Cell Science</i> , 2007, 120, 1888-1897.	1.2	82
16	Lectin microarray profiling of metastatic breast cancers. <i>Glycobiology</i> , 2011, 21, 1060-1070.	1.3	82
17	Heat Shock Protein 27 Is the Major Differentially Phosphorylated Protein Involved in Renal Epithelial Cellular Stress Response and Controls Focal Adhesion Organization and Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 29885-29898.	1.6	81
18	Proteomics study of oxidative stress and Src kinase inhibition in H9C2 cardiomyocytes: a cell model of heart ischemia/reperfusion injury and treatment. <i>Free Radical Biology and Medicine</i> , 2010, 49, 96-108.	1.3	81

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19	A parallel proteomic and metabolomic analysis of the hydrogen peroxide- and Sty1p-dependent stress response in <i>Schizosaccharomyces pombe</i> . <i>Proteomics</i> , 2006, 6, 2772-2796.	1.3	70
20	A combination of serum leucine-rich Î±-2-glycoprotein 1, CA19-9 and interleukin-6 differentiate biliary tract cancer from benign biliary strictures. <i>British Journal of Cancer</i> , 2011, 105, 1370-1378.	2.9	63
21	Proteomic analysis of UVC irradiation-induced damage of plasma proteins: Serum amyloid P component as a major target of photolysis. <i>FEBS Letters</i> , 2006, 580, 3229-3236.	1.3	62
22	Three-dimensional <i>in vitro</i> cell biology models of ovarian and endometrial cancer. <i>Cell Proliferation</i> , 2009, 42, 219-228.	2.4	60
23	Improved early detection of ovarian cancer using longitudinal multimarker models. <i>British Journal of Cancer</i> , 2020, 122, 847-856.	2.9	60
24	Identification of Aldo-Keto Reductase AKR1B10 as a Selective Target for Modification and Inhibition by Prostaglandin A1: Implications for Antitumoral Activity. <i>Cancer Research</i> , 2011, 71, 4161-4171.	0.4	49
25	Cellular responses to ErbB-2 overexpression in human mammary luminal epithelial cells: comparison of mRNA and protein expression. <i>British Journal of Cancer</i> , 2004, 90, 173-181.	2.9	43
26	Study of protein targets for covalent modification by the antitumoral and anti-inflammatory prostaglandin PGA ₁ : focus on vimentin. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1474-1484.	0.7	43
27	Major Role of Epidermal Growth Factor Receptor and Src Kinases in Promoting Oxidative Stress-dependent Loss of Adhesion and Apoptosis in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 4307-4318.	1.6	42
28	Discovery of serum biomarkers of ovarian cancer using complementary proteomic profiling strategies. <i>Proteomics - Clinical Applications</i> , 2014, 8, 982-993.	0.8	41
29	The phenotype of a knockout mouse identifies flavin-containing monooxygenase 5 (FMO5) as a regulator of metabolic ageing. <i>Biochemical Pharmacology</i> , 2015, 96, 267-277.	2.0	39
30	A well-characterised peak identification list of MALDI MS profile peaks for human blood serum. <i>Proteomics</i> , 2010, 10, 3388-3392.	1.3	32
31	Discovery of non-invasive biomarkers for the diagnosis of endometriosis. <i>Clinical Proteomics</i> , 2019, 16, 14.	1.1	32
32	Peptides Generated Ex Vivo from Serum Proteins by Tumor-Specific Exopeptidases Are Not Useful Biomarkers in Ovarian Cancer. <i>Clinical Chemistry</i> , 2010, 56, 262-271.	1.5	31
33	Stress-induced changes in the <i>Schizosaccharomyces pombe</i> proteome using two-dimensional difference gel electrophoresis, mass spectrometry and a novel integrated robotics platform. <i>Proteomics</i> , 2005, 5, 1669-1685.	1.3	24
34	A biotinylated analog of the anti-proliferative prostaglandin A1 allows assessment of PPAR-independent effects and identification of novel cellular targets for covalent modification. <i>Chemico-Biological Interactions</i> , 2010, 183, 212-221.	1.7	24
35	Evidence of Altered Glycosylation of Serum Proteins Prior to Pancreatic Cancer Diagnosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2670.	1.8	23
36	Non-Histone Protein Methylation: Biological Significance and Bioengineering Potential. <i>ACS Chemical Biology</i> , 2021, 16, 238-250.	1.6	23

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37	Molecular characterisation of post-bio-electrosprayed human brain astrocytoma cells. <i>Analyst</i> , The, 2010, 135, 2600.	1.7	19
38	Multi-Marker Longitudinal Algorithms Incorporating HE4 and CA125 in Ovarian Cancer Screening of Postmenopausal Women. <i>Cancers</i> , 2020, 12, 1931.	1.7	18
39	Proteomic response of <i>Schizosaccharomyces pombe</i> to static and oscillating extremely low-frequency electromagnetic fields. <i>Proteomics</i> , 2006, 6, 4755-4764.	1.3	17
40	Serum Proteomic Abnormality Predating Screen Detection of Ovarian Cancer. <i>Computer Journal</i> , 2009, 52, 326-333.	1.5	15
41	Conformal predictors in early diagnostics of ovarian and breast cancers. <i>Progress in Artificial Intelligence</i> , 2012, 1, 245-257.	1.5	14
42	Change-point of multiple biomarkers in women with ovarian cancer. <i>Biomedical Signal Processing and Control</i> , 2017, 33, 169-177.	3.5	13
43	Advances in mass spectrometry-based cancer research and analysis: from cancer proteomics to clinical diagnostics. <i>Expert Review of Proteomics</i> , 2016, 13, 593-607.	1.3	12
44	A complex of Shc and Ran-GTPase localises to the cell nucleus. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 711-720.	2.4	10
45	Multiprobabilistic prediction in early medical diagnoses. <i>Annals of Mathematics and Artificial Intelligence</i> , 2015, 74, 203-222.	0.9	9
46	IMAC/TiO ₂ enrich for peptide modifications other than phosphorylation: Implications for chromatographic choice and database searching in phosphoproteomics. <i>Proteomics</i> , 2011, 11, 4583-4587.	1.3	6
47	Effects of ErbB2 Overexpression on the Proteome and ErbB Ligand-specific Phosphosignaling in Mammary Luminal Epithelial Cells. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 608-621.	2.5	6
48	HNRNPA1 interacts with a 5' flanking distal element of interleukin-6 and upregulates its basal transcription. <i>Genes and Immunity</i> , 2013, 14, 479-486.	2.2	5
49	Novel diagnostic and prognostic biomarkers in biliary tract cancer. <i>Expert Opinion on Medical Diagnostics</i> , 2013, 7, 487-499.	1.6	5
50	Functional Proteomic Analysis of Long-term Growth Factor Stimulation and Receptor Tyrosine Kinase Coactivation in Swiss 3T3 Fibroblasts. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1690-1708.	2.5	3
51	PWE-055...Characterisation of serum proteins in biliary tract cancer, primary sclerosing cholangitis and immunoglobulin G4-associated cholangitis using 2-dimensional difference gel electrophoresis and tandem mass spectrometry. <i>Gut</i> , 2010, 59, A106.2-A107.	6.1	0
52	PTU-082...Serum CEACAM1 in the preclinical diagnosis of pancreatic adenocarcinoma. <i>Gut</i> , 2010, 59, A82.1-A82.	6.1	0