John F Timms

List of Publications by Year
in descending order

52 papers	5,380 citations	159585 30 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	7374 citing authors

#	Article	IF	Citations
1	Non-Histone Protein Methylation: Biological Significance and Bioengineering Potential. ACS Chemical Biology, 2021, 16, 238-250.	3.4	23
2	Multi-Marker Longitudinal Algorithms Incorporating HE4 and CA125 in Ovarian Cancer Screening of Postmenopausal Women. Cancers, 2020, 12, 1931.	3.7	18
3	Improved early detection of ovarian cancer using longitudinal multimarker models. British Journal of Cancer, 2020, 122, 847-856.	6.4	60
4	Discovery of non-invasive biomarkers for the diagnosis of endometriosis. Clinical Proteomics, 2019, 16, 14.	2.1	32
5	Testing breast cancer serum biomarkers for early detection and prognosis in pre-diagnosis samples. British Journal of Cancer, 2017, 116, 501-508.	6.4	86
6	Effects of ErbB2 Overexpression on the Proteome and ErbB Ligand-specific Phosphosignaling in Mammary Luminal Epithelial Cells. Molecular and Cellular Proteomics, 2017, 16, 608-621.	3.8	6
7	Change-point of multiple biomarkers in women with ovarian cancer. Biomedical Signal Processing and Control, 2017, 33, 169-177.	5.7	13
8	Evidence of Altered Glycosylation of Serum Proteins Prior to Pancreatic Cancer Diagnosis. International Journal of Molecular Sciences, 2017, 18, 2670.	4.1	23
9	Advances in mass spectrometry-based cancer research and analysis: from cancer proteomics to clinical diagnostics. Expert Review of Proteomics, 2016, 13, 593-607.	3.0	12
10	Serum CA19-9 Is Significantly Upregulated up to 2 Years before Diagnosis with Pancreatic Cancer: Implications for Early Disease Detection. Clinical Cancer Research, 2015, 21, 622-631.	7.0	158
11	Evaluation of serum CEA, CYFRA21-1 and CA125 for the early detection of colorectal cancer using longitudinal preclinical samples. British Journal of Cancer, 2015, 113, 268-274.	6.4	84
12	The phenotype of a knockout mouse identifies flavin-containing monooxygenase 5 (FMO5) as a regulator of metabolic ageing. Biochemical Pharmacology, 2015, 96, 267-277.	4.4	39
13	Multiprobabilistic prediction in early medical diagnoses. Annals of Mathematics and Artificial Intelligence, 2015, 74, 203-222.	1.3	9
14	Discovery of serum biomarkers of ovarian cancer using complementary proteomic profiling strategies. Proteomics - Clinical Applications, 2014, 8, 982-993.	1.6	41
15	HNRNPA1 interacts with a 5â€²-flanking distal element of interleukin-6 and upregulates its basal transcription. Genes and Immunity, 2013, 14, 479-486.	4.1	5
16	Novel diagnostic and prognostic biomarkers in biliary tract cancer. Expert Opinion on Medical Diagnostics, 2013, 7, 487-499.	1.6	5
17	Functional Proteomic Analysis of Long-term Growth Factor Stimulation and Receptor Tyrosine Kinase Coactivation in Swiss 3T3 Fibroblasts. Molecular and Cellular Proteomics, 2012, 11, 1690-1708.	3.8	3
18	Conformal predictors in early diagnostics of ovarian and breast cancers. Progress in Artificial Intelligence, 2012, 1, 245-257.	2.4	14

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19	IMAC/TiO₂ enrich for peptide modifications other than phosphorylation: Implications for chromatographic choice and database searching in phosphoproteomics. Proteomics, 2011, 11, 4583-4587.	2.2	6
20	Identification of Aldo-Keto Reductase AKR1B10 as a Selective Target for Modification and Inhibition by Prostaglandin A1: Implications for Antitumoral Activity. Cancer Research, 2011, 71, 4161-4171.	0.9	49
21	Lectin microarray profiling of metastatic breast cancers. Glycobiology, 2011, 21, 1060-1070.	2.5	82
22	A combination of serum leucine-rich Î±-2-glycoprotein 1, CA19-9 and interleukin-6 differentiate biliary tract cancer from benign biliary strictures. British Journal of Cancer, 2011, 105, 1370-1378.	6.4	63
23	PWE-055â€…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. Gut, 2010, 59, A106.2-A107.	12.1	0
24	PTU-082â€…Serum CEACAM1 in the preclinical diagnosis of pancreatic adenocarcinoma. Gut, 2010, 59, A82.1-A82.	12.1	0
25	A biotinylated analog of the anti-proliferative prostaglandin A1 allows assessment of PPAR-independent effects and identification of novel cellular targets for covalent modification. Chemico-Biological Interactions, 2010, 183, 212-221.	4.0	24
26	Proteomics study of oxidative stress and Src kinase inhibition in H9C2 cardiomyocytes: a cell model of heart ischemiaâ€“reperfusion injury and treatment. Free Radical Biology and Medicine, 2010, 49, 96-108.	2.9	81
27	A wellâ€characterised peak identification list of MALDI MS profile peaks for human blood serum. Proteomics, 2010, 10, 3388-3392.	2.2	32
28	Major Role of Epidermal Growth Factor Receptor and Src Kinases in Promoting Oxidative Stress-dependent Loss of Adhesion and Apoptosis in Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 4307-4318.	3.4	42
29	Peptides Generated Ex Vivo from Serum Proteins by Tumor-Specific Exopeptidases Are Not Useful Biomarkers in Ovarian Cancer. Clinical Chemistry, 2010, 56, 262-271.	3.2	31
30	Molecular characterisation of post-bio-electrosprayed human brain astrocytoma cells. Analyst, The, 2010, 135, 2600.	3.5	19
31	Serum Proteomic Abnormality Predating Screen Detection of Ovarian Cancer. Computer Journal, 2009, 52, 326-333.	2.4	15
32	A complex of Shc and Ran-GTPase localises to the cell nucleus. Cellular and Molecular Life Sciences, 2009, 66, 711-720.	5.4	10
33	Threeâ€dimensional inÂvitro cell biology models of ovarian and endometrial cancer. Cell Proliferation, 2009, 42, 219-228.	5.3	60
34	The Role of S100P in the Invasion of Pancreatic Cancer Cells Is Mediated through Cytoskeletal Changes and Regulation of Cathepsin D. Cancer Research, 2007, 67, 8633-8642.	0.9	90
35	Preanalytic Influence of Sample Handling on SELDI-TOF Serum Protein Profiles. Clinical Chemistry, 2007, 53, 645-656.	3.2	131
36	Dynamic cofilin phosphorylation in the control of lamellipodial actin homeostasis. Journal of Cell Science, 2007, 120, 1888-1897.	2.0	82

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37	Study of protein targets for covalent modification by the antitumoral and antiâ€inflammatory prostaglandin PGA₁: focus on vimentin. Journal of Mass Spectrometry, 2007, 42, 1474-1484.	1.6	43
38	Proteomic analysis of UVC irradiation-induced damage of plasma proteins: Serum amyloid P component as a major target of photolysis. FEBS Letters, 2006, 580, 3229-3236.	2.8	62
39	A parallel proteomic and metabolomic analysis of the hydrogen peroxide- and Sty1p-dependent stress response inSchizosaccharomyces pombe. Proteomics, 2006, 6, 2772-2796.	2.2	70
40	Proteomic response ofSchizosaccharomyces pombe to static and oscillating extremely low-frequency electromagnetic fields. Proteomics, 2006, 6, 4755-4764.	2.2	17
41	Stress-induced changes in theSchizosaccharomyces pombe proteome using two-dimensional difference gel electrophoresis, mass spectrometry and a novel integrated robotics platform. Proteomics, 2005, 5, 1669-1685.	2.2	24
42	Proteomic analysis of redox- and ErbB2-dependent changes in mammary luminal epithelial cells using cysteine- and lysine-labelling two-dimensional difference gel electrophoresis. Proteomics, 2005, 5, 2908-2926.	2.2	100
43	Heat Shock Protein 27 Is the Major Differentially Phosphorylated Protein Involved in Renal Epithelial Cellular Stress Response and Controls Focal Adhesion Organization and Apoptosis. Journal of Biological Chemistry, 2005, 280, 29885-29898.	3.4	81
44	Cellular responses to ErbB-2 overexpression in human mammary luminal epithelial cells: comparison of mRNA and protein expression. British Journal of Cancer, 2004, 90, 173-181.	6.4	43
45	Evaluation of Two-dimensional Differential Gel Electrophoresis for Proteomic Expression Analysis of a Model Breast Cancer Cell System. Molecular and Cellular Proteomics, 2002, 1, 91-98.	3.8	255
46	Effects of ErbB-2 overexpression on mitogenic signalling and cell cycle progression in human breast luminal epithelial cells. Oncogene, 2002, 21, 6573-6586.	5.9	111
47	Cellular Function of Phosphoinositide 3-Kinases: Implications for Development, Immunity, Homeostasis, and Cancer. Annual Review of Cell and Developmental Biology, 2001, 17, 615-675.	9.4	1,047
48	Synthesis and Function of 3-Phosphorylated Inositol Lipids. Annual Review of Biochemistry, 2001, 70, 535-602.	11.1	1,457
49	SHPS-1 is a scaffold for assembling distinct adhesion-regulated multi-protein complexes in macrophages. Current Biology, 1999, 9, 927-S4.	3.9	103
50	Regulation of Early Events in Integrin Signaling by Protein Tyrosine Phosphatase SHP-2. Molecular and Cellular Biology, 1999, 19, 3205-3215.	2.3	204
51	The B-cell transmembrane protein CD72 binds to and is an in vivo substrate of the protein tyrosine phosphatase SHP-1. Current Biology, 1998, 8, 1009-1017.	3.9	125
52	Identification of Major Binding Proteins and Substrates for the SH2-Containing Protein Tyrosine Phosphatase SHP-1 in Macrophages. Molecular and Cellular Biology, 1998, 18, 3838-3850.	2.3	189