Susan Fanayan

List of Publications by Year
in descending order

27 papers	1,306 citations	361413 20 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	2058 citing authors

#	Article	IF	Citations
1	Growth Inhibition by Insulin-like Growth Factor-binding Protein-3 in T47D Breast Cancer Cells Requires Transforming Growth Factor-β (TGF-β) and the Type II TGF-β Receptor. Journal of Biological Chemistry, 2000, 275, 39146-39151.	3.4	106
2	Comparative *N*-Glycan Profiling of Colorectal Cancer Cell Lines Reveals Unique Bisecting GlcNAc and α-2,3-Linked Sialic Acid Determinants Are Associated with Membrane Proteins of the More Metastatic/Aggressive Cell Lines. Journal of Proteome Research, 2014, 13, 277-288.	3.7	97
3	Signaling through the Smad Pathway by Insulin-like Growth Factor-binding Protein-3 in Breast Cancer Cells. Journal of Biological Chemistry, 2002, 277, 7255-7261.	3.4	93
4	Identifying *N*-Glycan Biomarkers in Colorectal Cancer by Mass Spectrometry. Accounts of Chemical Research, 2016, 49, 2099-2106.	15.6	90
5	Using lectins to harvest the plasma/serum glycoproteome. Electrophoresis, 2012, 33, 1746-1754.	2.4	86
6	Accelerating the search for the missing proteins in the human proteome. Nature Communications, 2017, 8, 14271.	12.8	86
7	The tumor protein D52 family: many pieces, many puzzles. Biochemical and Biophysical Research Communications, 2004, 325, 1115-1121.	2.1	85
8	The Formin INF2 Regulates Basolateral-to-Apical Transcytosis and Lumen Formation in Association with Cdc42 and MAL2. Developmental Cell, 2010, 18, 814-827.	7.0	81
9	In-depth *N*-glycome profiling of paired colorectal cancer and non-tumorigenic tissues reveals cancer-, stage- and EGFR-specific protein N-glycosylation. Glycobiology, 2015, 25, 1064-1078.	2.5	74
10	Nonredundant Functions for Tumor Protein D52-Like Proteins Support Specific Targeting of TPD52. Clinical Cancer Research, 2008, 14, 5050-5060.	7.0	50
11	Differential Site Accessibility Mechanistically Explains Subcellular-Specific N-Glycosylation Determinants. Frontiers in Immunology, 2014, 5, 404.	4.8	50
12	Development of Resistance to Insulin-like Growth Factor Binding Protein-3 in Transfected T47D Breast Cancer Cells. Biochemical and Biophysical Research Communications, 1998, 246, 325-329.	2.1	49
13	MAL2 and tumor protein D52 (TPD52) are frequently overexpressed in ovarian carcinoma, but differentially associated with histological subtype and patient outcome. BMC Cancer, 2010, 10, 497.	2.6	49
14	Comprehensive N-Glycome Profiling of Cultured Human Epithelial Breast Cells Identifies Unique Secretome N-Glycosylation Signatures Enabling Tumorigenic Subtype Classification. Journal of Proteome Research, 2014, 13, 4783-4795.	3.7	39
15	Genome Wide Proteomics of ERBB2 and EGFR and Other Oncogenic Pathways in Inflammatory Breast Cancer. Journal of Proteome Research, 2013, 12, 2805-2817.	3.7	38
16	A Chromosome-centric Human Proteome Project (C-HPP) to Characterize the Sets of Proteins Encoded in Chromosome 17. Journal of Proteome Research, 2013, 12, 45-57.	3.7	35
17	Quantitative proteomic analysis of paired colorectal cancer and non-tumorigenic tissues reveals signature proteins and perturbed pathways involved in CRC progression and metastasis. Journal of Proteomics, 2015, 126, 54-67.	2.4	34
18	Proteogenomic Analysis of Human Colon Carcinoma Cell Lines LIM1215, LIM1899, and LIM2405. Journal of Proteome Research, 2013, 12, 1732-1742.	3.7	30

#	Article	IF	Citations
19	Systems Proteomics View of the Endogenous Human Claudin Protein Family. Journal of Proteome Research, 2016, 15, 339-359.	3.7	26
20	An optimized approach for enrichment of glycoproteins from cell culture lysates using native multi‐lectin affinity chromatography. Journal of Separation Science, 2012, 35, 2445-2452.	2.5	23
21	Mass Spectrometry-Based N-Glycomics of Colorectal Cancer. International Journal of Molecular Sciences, 2015, 16, 29278-29304.	4.1	23
22	Mucin 1 (MUC1) is a novel partner for MAL2 in breast carcinoma cells. BMC Cell Biology, 2009, 10, 7.	3.0	21
23	Integrated Proteomic and Transcriptomic-Based Approaches to Identifying Signature Biomarkers and Pathways for Elucidation of Daoy and UW228 Subtypes. Proteomes, 2017, 5, 5.	3.5	20
24	Insulin-like growth factor binding protein-3 is secreted as a phosphoprotein by human breast cancer cells. Molecular and Cellular Endocrinology, 1999, 156, 131-139.	3.2	7
25	Integrated Proteomic and Genomic Analysis of Gastric Cancer Patient Tissues. Journal of Proteome Research, 2015, 14, 4995-5006.	3.7	7
26	Chromosome 7-Centric Analysis of Proteomics Data from a Panel of Human Colon Carcinoma Cell Lines. Journal of Proteome Research, 2013, 12, 89-96.	3.7	6
27	Using Single Lectins to Enrich Glycoproteins in Conditioned Media. Current Protocols in Protein Science, 2015, 81, 24.6.1-24.6.10.	2.8	1