## Ayodele A Alaiya

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	PD‣1 promotes OCT4 and Nanog expression in breast cancer stem cells by sustaining PI3K/AKT pathway activation. International Journal of Cancer, 2017, 141, 1402-1412.	5.1	175
2	Cancer proteomics: From identification of novel markers to creation of artifical learning models for tumor classification. Electrophoresis, 2000, 21, 1210-1217.	2.4	117
3	Clinical Cancer Proteomics:  Promises and Pitfalls. Journal of Proteome Research, 2005, 4, 1213-1222.	3.7	104
4	Analysis of polypeptide expression in benign and malignant human breast lesions. Electrophoresis, 1997, 18, 582-587.	2.4	93
5	Identification of gel-separated tumor marker proteins by mass spectrometry. Electrophoresis, 2000, 21, 679-686.	2.4	92
6	Phenotypic analysis of ovarian carcinoma: Polypeptide expression in benign, borderline and malignant tumors. , 1997, 73, 678-682.		88
7	Polypeptide Expression in Prostate Hyperplasia and Prostate Adenocarcinoma. Analytical Cellular Pathology, 2000, 21, 1-9.	2.1	80
8	Molecular classification of borderline ovarian tumors using hierarchical cluster analysis of protein expression profiles. International Journal of Cancer, 2002, 98, 895-899.	5.1	59
9	Recessive Mutations in COL25A1 Are a Cause of Congenital Cranial Dysinnervation Disorder. American Journal of Human Genetics, 2015, 96, 147-152.	6.2	49
10	Classification of human ovarian tumors using multivariate data analysis of polypeptide expression patterns. , 2000, 86, 731-736.		41
11	Sample preparation of human tumors prior to two-dimensional electrophoresis of proteins. Electrophoresis, 1995, 16, 1087-1089.	2.4	39
12	Assessment of homogeneity in polypeptide expression in breast carcinomas shows widely variable expression in highly malignant tumors. , 1996, 69, 408-414.		38
13	The molecular significance of methylated BRCA1 promoter in white blood cells of cancer-free females. BMC Cancer, 2014, 14, 830.	2.6	38
14	A novel pH-sensitive liposome to trigger delivery of afatinib to cancer cells: Impact on lung cancer therapy. Journal of Molecular Liquids, 2018, 259, 154-166.	4.9	38
15	Proteomics-based signature for human benign prostate hyperplasia and prostate adenocarcinoma. International Journal of Oncology, 2011, 38, 1047-57.	3.3	37
16	Integrated Left Ventricular Global Transcriptome and Proteome Profiling in Human End-Stage Dilated Cardiomyopathy. PLoS ONE, 2016, 11, e0162669.	2.5	33
17	Differential marker expression by cultures rich in mesenchymal stem cells. BMC Cell Biology, 2013, 14, 54.	3.0	32
18	Identification of foetal brain proteins by two-dimensional gel electrophoresis and mass spectrometry. FEBS Journal, 2000, 267, 4713-4719.	0.2	31

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19	Two-dimensional gel analysis of protein expression in ovarian tumors shows a low degree of intratumoral heterogeneity. Electrophoresis, 1999, 20, 1039-1046.	2.4	30
20	Proteomic analysis of Class IV lupus nephritis. Nephrology Dialysis Transplantation, 2015, 30, 62-70.	0.7	24
21	Antibody-drug conjugate T-DM1 treatment for HER2+ breast cancer induces ROR1 and confers resistance through activation of Hippo transcriptional coactivator YAP1. EBioMedicine, 2019, 43, 211-224.	6.1	22
22	Protein expression profiling in human lung, breast, bladder, renal, colorectal and ovarian cancers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 787, 207-222.	2.3	21
23	Fascin Activates β-Catenin Signaling and Promotes Breast Cancer Stem Cell Function Mainly Through Focal Adhesion Kinase (FAK): Relation With Disease Progression. Frontiers in Oncology, 2020, 10, 440.	2.8	21
24	Proteomic Analysis of Morphologically Changed Tissues after Prolonged Dexamethasone Treatment. International Journal of Molecular Sciences, 2019, 20, 3122.	4.1	17
25	Increased expression of α-enolase in c-juntransformed rat fibroblasts without increased activation of plasminogen. FEBS Letters, 1997, 417, 17-20.	2.8	16
26	Liposomes for enhanced cytotoxic activity of bleomycin. Drug Development Research, 2011, 72, 265-273.	2.9	14
27	Protein signatures as potential surrogate biomarkers for stratification and prediction of treatment response in chronic myeloid leukemia patients. International Journal of Oncology, 2016, 49, 913-933.	3.3	14
28	LCâ€'MS/MS proteomic analysis revealed novel associations of 37 proteins with T2DM and notable upregulation of immunoglobulins. International Journal of Molecular Medicine, 2019, 43, 2118-2132.	4.0	13
29	An atypical pulmonary fibrosis is associated with co-inheritance of mutations in the calcium binding protein genes S100A3 and S100A13. European Respiratory Journal, 2019, 54, 1802041.	6.7	12
30	Alterations in the Plasma Proteome Induced by SARS-CoV-2 and MERS-CoV Reveal Biomarkers for Disease Outcomes for COVID-19 Patients. Journal of Inflammation Research, 2021, Volume 14, 4313-4328.	3.5	12
31	HMOX1 is partly responsible for phenotypic and functional abnormalities in mesenchymal stem cells/stromal cells from placenta of preeclampsia (PE) patients. Stem Cell Research and Therapy, 2020, 11, 30.	5.5	10
32	Proteomic Profiling of the First Human Dental Pulp Mesenchymal Stem/Stromal Cells from Carbonic Anhydrase II Deficiency Osteopetrosis Patients. International Journal of Molecular Sciences, 2021, 22, 380.	4.1	10
33	Inhibition of extracellular signal-regulated kinase1/2 activity of the breast cancer cell line MDA-MB-231 leads to major alterations in the pattern of protein expression. Electrophoresis, 2000, 21, 2737-2743.	2.4	9
34	Proteomic analysis of soft tissue tumor implants treated with a novel polybisphosphonate. Cancer Genomics and Proteomics, 2014, 11, 39-49.	2.0	9
35	Comprehensive multi-omics analysis of G6PC3 deficiency-related congenital neutropenia with inflammatory bowel disease. IScience, 2021, 24, 102214.	4.1	7
36	Association of TATA box-binding protein-associated factor RNA polymerase I subunit C (TAF1C) with T2DM. Gene, 2019, 706, 43-51.	2.2	6

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37	Quantitative proteomics analysis reveals unique but overlapping protein signatures in HIV infections. Journal of Infection and Public Health, 2021, 14, 795-802.	4.1	4
38	Cancer proteomics: From identification of novel markers to creation of artifical learning models for tumor classification. Electrophoresis, 2000, 21, 1210-1217.	2.4	3
39	Proteomics Profiling to Distinguish DOCK8 Deficiency From Atopic Dermatitis. Frontiers in Allergy, 2021, 2, 774902.	2.8	2
40	Physio-Morphology and Proteomic Attitude of Ziziphus Spina-Christi in Copper-Contaminated Sites in Saudi Arabia: Is It a Candidate Bioremediator?. Current Proteomics, 2021, 18, 279-292.	0.3	1
41	Proteomics–Based Approach Predicts Molecular Response and Stratifies Responders to Tyrosine Kinase Inhibitors (TKI) in Chronic Myeloid Leukemia (CML) Patients. Blood, 2014, 124, 4556-4556.	1.4	1
42	Poly-guanidine shows high cytotoxicity in glioma cell cultures and glioma stem cells. Investigational New Drugs, 2022, 40, 565-575.	2.6	1