

Ayodele A Alaiya

List of Publications by Year in descending order

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42
papers

1,463
citations

448610

19
h-index

388640

36
g-index

43
all docs

43
docs citations

43
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-L1 promotes OCT4 and Nanog expression in breast cancer stem cells by sustaining PI3K/AKT pathway activation. <i>International Journal of Cancer</i> , 2017, 141, 1402-1412.	2.3	175
2	Cancer proteomics: From identification of novel markers to creation of artificial learning models for tumor classification. <i>Electrophoresis</i> , 2000, 21, 1210-1217.	1.3	117
3	Clinical Cancer Proteomics: Promises and Pitfalls. <i>Journal of Proteome Research</i> , 2005, 4, 1213-1222.	1.8	104
4	Analysis of polypeptide expression in benign and malignant human breast lesions. <i>Electrophoresis</i> , 1997, 18, 582-587.	1.3	93
5	Identification of gel-separated tumor marker proteins by mass spectrometry. <i>Electrophoresis</i> , 2000, 21, 679-686.	1.3	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. <i>Analytical Cellular Pathology</i> , 2000, 21, 1-9.	2.1	80
8	Molecular classification of borderline ovarian tumors using hierarchical cluster analysis of protein expression profiles. <i>International Journal of Cancer</i> , 2002, 98, 895-899.	2.3	59
9	Recessive Mutations in COL25A1 Are a Cause of Congenital Cranial Dysinnervation Disorder. <i>American Journal of Human Genetics</i> , 2015, 96, 147-152.	2.6	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. <i>Electrophoresis</i> , 1995, 16, 1087-1089.	1.3	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. <i>BMC Cancer</i> , 2014, 14, 830.	1.1	38
14	A novel pH-sensitive liposome to trigger delivery of afatinib to cancer cells: Impact on lung cancer therapy. <i>Journal of Molecular Liquids</i> , 2018, 259, 154-166.	2.3	38
15	Proteomics-based signature for human benign prostate hyperplasia and prostate adenocarcinoma. <i>International Journal of Oncology</i> , 2011, 38, 1047-57.	1.4	37
16	Integrated Left Ventricular Global Transcriptome and Proteome Profiling in Human End-Stage Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2016, 11, e0162669.	1.1	33
17	Differential marker expression by cultures rich in mesenchymal stem cells. <i>BMC Cell Biology</i> , 2013, 14, 54.	3.0	32
18	Identification of foetal brain proteins by two-dimensional gel electrophoresis and mass spectrometry. <i>FEBS Journal</i> , 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. <i>Electrophoresis</i> , 1999, 20, 1039-1046.	1.3	30
20	Proteomic analysis of Class IV lupus nephritis. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 62-70.	0.4	24
21	Antibody-drug conjugate T-DM1 treatment for HER2+ breast cancer induces ROR1 and confers resistance through activation of Hippo transcriptional coactivator YAP1. <i>EBioMedicine</i> , 2019, 43, 211-224.	2.7	22
22	Protein expression profiling in human lung, breast, bladder, renal, colorectal and ovarian cancers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 787, 207-222.	1.2	21
23	Fascin Activates β -Catenin Signaling and Promotes Breast Cancer Stem Cell Function Mainly Through Focal Adhesion Kinase (FAK): Relation With Disease Progression. <i>Frontiers in Oncology</i> , 2020, 10, 440.	1.3	21
24	Proteomic Analysis of Morphologically Changed Tissues after Prolonged Dexamethasone Treatment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3122.	1.8	17
25	Increased expression of β -enolase in c-juntransformed rat fibroblasts without increased activation of plasminogen. <i>FEBS Letters</i> , 1997, 417, 17-20.	1.3	16
26	Liposomes for enhanced cytotoxic activity of bleomycin. <i>Drug Development Research</i> , 2011, 72, 265-273.	1.4	14
27	Protein signatures as potential surrogate biomarkers for stratification and prediction of treatment response in chronic myeloid leukemia patients. <i>International Journal of Oncology</i> , 2016, 49, 913-933.	1.4	14
28	LC-MS/MS proteomic analysis revealed novel associations of 37 proteins with T2DM and notable upregulation of immunoglobulins. <i>International Journal of Molecular Medicine</i> , 2019, 43, 2118-2132.	1.8	13
29	An atypical pulmonary fibrosis is associated with co-inheritance of mutations in the calcium binding protein genes S100A3 and S100A13. <i>European Respiratory Journal</i> , 2019, 54, 1802041.	3.1	12
30	Alterations in the Plasma Proteome Induced by SARS-CoV-2 and MERS-CoV Reveal Biomarkers for Disease Outcomes for COVID-19 Patients. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4313-4328.	1.6	12
31	HMOX1 is partly responsible for phenotypic and functional abnormalities in mesenchymal stem cells/stromal cells from placenta of preeclampsia (PE) patients. <i>Stem Cell Research and Therapy</i> , 2020, 11, 30.	2.4	10
32	Proteomic Profiling of the First Human Dental Pulp Mesenchymal Stem/Stromal Cells from Carbonic Anhydrase II Deficiency Osteopetrosis Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 380.	1.8	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. <i>Electrophoresis</i> , 2000, 21, 2737-2743.	1.3	9
34	Proteomic analysis of soft tissue tumor implants treated with a novel polybisphosphonate. <i>Cancer Genomics and Proteomics</i> , 2014, 11, 39-49.	1.0	9
35	Comprehensive multi-omics analysis of G6PC3 deficiency-related congenital neutropenia with inflammatory bowel disease. <i>IScience</i> , 2021, 24, 102214.	1.9	7
36	Association of TATA box-binding protein-associated factor RNA polymerase I subunit C (TAF1C) with T2DM. <i>Gene</i> , 2019, 706, 43-51.	1.0	6

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37	Quantitative proteomics analysis reveals unique but overlapping protein signatures in HIV infections. <i>Journal of Infection and Public Health</i> , 2021, 14, 795-802.	1.9	4
38	Cancer proteomics: From identification of novel markers to creation of artificial learning models for tumor classification. , 2000, 21, 1210.		3
39	Proteomics Profiling to Distinguish DOCK8 Deficiency From Atopic Dermatitis. <i>Frontiers in Allergy</i> , 2021, 2, 774902.	1.2	2
40	Physio-Morphology and Proteomic Attitude of <i>Ziziphus Spina-Christi</i> in Copper-Contaminated Sites in Saudi Arabia: Is It a Candidate Bioremediator?. <i>Current Proteomics</i> , 2021, 18, 279-292.	0.1	1
41	Proteomics-Based Approach Predicts Molecular Response and Stratifies Responders to Tyrosine Kinase Inhibitors (TKI) in Chronic Myeloid Leukemia (CML) Patients. <i>Blood</i> , 2014, 124, 4556-4556.	0.6	1
42	Poly-guanidine shows high cytotoxicity in glioma cell cultures and glioma stem cells. <i>Investigational New Drugs</i> , 2022, 40, 565-575.	1.2	1