Seong Beom Ahn

List of Publications by Year
in descending order

21 papers	566 citations	840776 11 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	1175 citing authors

#	Article	IF	Citations
1	A high-stringency blueprint of the human proteome. Nature Communications, 2020, 11, 5301.	12.8	152
2	Accelerating the search for the missing proteins in the human proteome. Nature Communications, 2017, 8, 14271.	12.8	86
3	Mass spectrometry–based protein identification in proteomics—a review. Briefings in Bioinformatics, 2021, 22, 1620-1638.	6.5	55
4	Potential early clinical stage colorectal cancer diagnosis using a proteomics blood test panel. Clinical Proteomics, 2019, 16, 34.	2.1	44
5	A novel multiplexed immunoassay identifies CEA, IL-8 and prolactin as prospective markers for Dukes' stages A-D colorectal cancers. Clinical Proteomics, 2015, 12, 10.	2.1	33
6	Evaluation of two high-throughput proteomic technologies for plasma biomarker discovery in immunotherapy-treated melanoma patients. Biomarker Research, 2017, 5, 32.	6.8	33
7	Adenosine monophosphate deaminase 3 activation shortens erythrocyte half-life and provides malaria resistance in mice. Blood, 2016, 128, 1290-1301.	1.4	32
8	Detection and quantitation of twenty-seven cytokines, chemokines and growth factors pre- and post-high abundance protein depletion in human plasma. EuPA Open Proteomics, 2014, 3, 78-84.	2.5	20
9	Characterization of the Interaction between Heterodimeric $\alpha v \beta 6$ Integrin and Urokinase Plasminogen Activator Receptor (uPAR) Using Functional Proteomics. Journal of Proteome Research, 2014, 13, 5956-5964.	3.7	18
10	Two strings to the systems biology bow: co-extracting the metabolome and proteome of yeast. Metabolomics, 2013, 9, 173-188.	3.0	14
11	A site for direct integrin $\alpha v \beta 6 \cdot uPAR$ interaction from structural modelling and docking. Journal of Structural Biology, 2014, 185, 327-335.	2.8	13
12	Epithelial and Stromal Cell Urokinase Plasminogen Activator Receptor Expression Differentially Correlates with Survival in Rectal Cancer Stages B and C Patients. PLoS ONE, 2015, 10, e0117786.	2.5	12
13	Correlations between Integrin $\alpha \nu \beta 6$ Expression and Clinico-Pathological Features in Stage B and Stage C Rectal Cancer. PLoS ONE, 2014, 9, e97248.	2.5	10
14	Proteomics Reveals Cell–Surface Urokinase Plasminogen Activator Receptor Expression Impacts Most Hallmarks of Cancer. Proteomics, 2019, 19, e1900026.	2.2	9
15	In Silico Peptide Repertoire of Human Olfactory Receptor Proteomes on High-Stringency Mass Spectrometry. Journal of Proteome Research, 2019, 18, 4117-4123.	3.7	9
16	Involvement of Kynurenine Pathway in Hepatocellular Carcinoma. Cancers, 2021, 13, 5180.	3.7	9
17	Human Prestin: A Candidate PE1 Protein Lacking Stringent Mass Spectrometric Evidence?. Journal of Proteome Research, 2017, 16, 4531-4535.	3.7	6
18	Use of a Recombinant Biomarker Protein DDA Library Increases DIA Coverage of Low Abundance Plasma Proteins. Journal of Proteome Research, 2021, 20, 2374-2389.	3.7	6

#	Article	IF	Citations
19	A Systematic Bioinformatics Approach to Identify High Quality Mass Spectrometry Data and Functionally Annotate Proteins and Proteomes. Methods in Molecular Biology, 2017, 1549, 163-176.	0.9	3
20	Effects of Acute and Chronic Biomechanical Strain on Human Cerebral Endothelial Cells in Altering their Proteome Profile. Current Proteomics, 2017, 14, .	0.3	2
21	TMS-Like Magnetic Fields Modulate Metabolic Activity of Hepatic and Colorectal Cancer Cells. IEEE Transactions on Magnetics, 2022, 58, 1-6.	2.1	0