

# Masood Kamali-Moghaddam

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

2,667  
citations

172457

29  
h-index

206112

48  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proximity ligation assays: a recent addition to the proteomics toolbox. Expert Review of Proteomics, 2010, 7, 401-409.	3.0	285
2	Multiple recognition assay reveals prostasomes as promising plasma biomarkers for prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8809-8814.	7.1	200
3	Profiling surface proteins on individual exosomes using a proximity barcoding assay. Nature Communications, 2019, 10, 3854.	12.8	148
4	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. EBioMedicine, 2018, 30, 283-294.	6.1	104
5	Sensitive Plasma Protein Analysis by Microparticle-based Proximity Ligation Assays. Molecular and Cellular Proteomics, 2010, 9, 327-335.	3.8	101
6	Proximity-dependent initiation of hybridization chain reaction. Nature Communications, 2015, 6, 7294.	12.8	88
7	Stability of Proteins in Dried Blood Spot Biobanks. Molecular and Cellular Proteomics, 2017, 16, 1286-1296.	3.8	81
8	ProteinSeq: High-Performance Proteomic Analyses by Proximity Ligation and Next Generation Sequencing. PLoS ONE, 2011, 6, e25583.	2.5	80
9	Tracing Cellular Origin of Human Exosomes Using Multiplex Proximity Extension Assays. Molecular and Cellular Proteomics, 2017, 16, 502-511.	3.8	78
10	In vitro analysis of DNA-protein interactions by proximity ligation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3067-3072.	7.1	68
11	The effects of age and gender on plasma levels of 63 cytokines. Journal of Immunological Methods, 2015, 425, 58-61.	1.4	64
12	Dynamic gradients of an intermediate filament-like cytoskeleton are recruited by a polarity landmark during apical growth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1889-97.	7.1	58
13	Opportunities for Sensitive Plasma Proteome Analysis. Analytical Chemistry, 2012, 84, 1824-1830.	6.5	55
14	Role of Individual MARK Isoforms in Phosphorylation of Tau at Ser262 in Alzheimer's Disease. NeuroMolecular Medicine, 2013, 15, 458-469.	3.4	54
15	Proximity Ligation: A Specific and Versatile Tool for the Proteomic Era. , 2007, 28, 85-93.		52
16	Detecting individual extracellular vesicles using a multicolor in situ proximity ligation assay with flow cytometric readout. Scientific Reports, 2016, 6, 34358.	3.3	52
17	A targeted proteomics approach reveals a serum protein signature as diagnostic biomarker for resectable gastric cancer. EBioMedicine, 2019, 44, 322-333.	6.1	52
18	Inflammatory markers in late pregnancy in association with postpartum depression—A nested case-control study. Psychoneuroendocrinology, 2017, 79, 146-159.	2.7	51

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19	Lubricin binds cartilage proteins, cartilage oligomeric matrix protein, fibronectin and collagen II at the cartilage surface. <i>Scientific Reports</i> , 2017, 7, 13149.	3.3	49
20	Elevated MARK2-Dependent Phosphorylation of Tau in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 699-713.	2.6	48
21	Lower inflammatory markers in women with antenatal depression brings the M1/M2 balance into focus from a new direction. <i>Psychoneuroendocrinology</i> , 2017, 80, 15-25.	2.7	48
22	Solid-phase proximity ligation assays for individual or parallel protein analyses with readout via real-time PCR or sequencing. <i>Nature Protocols</i> , 2013, 8, 1234-1248.	12.0	47
23	Transposon targeting determined by resolvase. <i>FEMS Microbiology Letters</i> , 2000, 186, 55-59.	1.8	46
24	Integron integrase binds to bulged hairpin DNA. <i>Nucleic Acids Research</i> , 2004, 32, 4033-4043.	14.5	46
25	Strong impact on plasma protein profiles by precentrifugation delay but not by repeated freeze-thaw cycles, as analyzed using multiplex proximity extension assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 582-594.	2.3	44
26	Inflammatory markers in women with postpartum depressive symptoms. <i>Journal of Neuroscience Research</i> , 2020, 98, 1309-1321.	2.9	43
27	Inflammatory Serum Protein Profiling of Patients with Lumbar Radicular Pain One Year after Disc Herniation. <i>International Journal of Inflammation</i> , 2016, 2016, 1-8.	1.5	35
28	Sensitive detection of A $\beta$ protofibrils by proximity ligation - relevance for Alzheimer's disease. <i>BMC Neuroscience</i> , 2010, 11, 124.	1.9	33
29	A Multiplex Protein Panel Applied to Cerebrospinal Fluid Reveals Three New Biomarker Candidates in ALS but None in Neuropathic Pain Patients. <i>PLoS ONE</i> , 2016, 11, e0149821.	2.5	33
30	Monitoring of Protein Biomarkers of Inflammation in Human Traumatic Brain Injury Using Microdialysis and Proximity Extension Assay Technology in Neurointensive Care. <i>Journal of Neurotrauma</i> , 2019, 36, 2872-2885.	3.4	32
31	The bacteriophage T4 late-transcription coactivator gp33 binds the flap domain of Escherichia coli RNA polymerase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17365-17370.	7.1	30
32	DNA-assisted protein detection technologies. <i>Expert Review of Proteomics</i> , 2012, 9, 21-32.	3.0	30
33	The body mass index (BMI) is significantly correlated with levels of cytokines and chemokines in cerebrospinal fluid. <i>Cytokine</i> , 2015, 76, 514-518.	3.2	29
34	Protein profiling of fine-needle aspirates reveals subtype-associated immune signatures and involvement of chemokines in breast cancer. <i>Molecular Oncology</i> , 2019, 13, 376-391.	4.6	28
35	Extracellular Vesicle Capture by AnTibody of Choice and Enzymatic Release (EV-CATCHER): A customizable purification assay designed for small RNA biomarker identification and evaluation of circulating small EVs. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12110.	12.2	26
36	Analytically Sensitive Protein Detection in Microtiter Plates by Proximity Ligation with Rolling Circle Amplification. <i>Clinical Chemistry</i> , 2017, 63, 1497-1505.	3.2	22

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37	Detection of post-translational modifications using solid-phase proximity ligation assay. <i>New Biotechnology</i> , 2018, 45, 51-59.	4.4	21
38	Depression, GABA, and Age Correlate with Plasma Levels of Inflammatory Markers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6172.	4.1	18
39	Erlin-2 is associated with active $\beta$ -secretase in brain and affects amyloid $\beta$ -peptide production. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 476-481.	2.1	17
40	Next-Generation Pathologyâ€™ Surveillance of Tumor Microecology. <i>Journal of Molecular Biology</i> , 2015, 427, 2013-2022.	4.2	17
41	Arrayed transposase-binding sequences on the ends of transposon Tn5090/Tn402. <i>Nucleic Acids Research</i> , 2001, 29, 1005-1011.	14.5	16
42	Parallel Protein Detection by Solidâ€™Phase Proximity Ligation Assay with Realâ€™Time PCR or Sequencing. <i>Current Protocols in Molecular Biology</i> , 2015, 109, 20.10.1-20.10.25.	2.9	16
43	A fineâ€™needle aspirationâ€™based protein signature discriminates benign from malignant breast lesions. <i>Molecular Oncology</i> , 2018, 12, 1415-1428.	4.6	15
44	Highly sensitive and specific protein detection via combined capillary isoelectric focusing and proximity ligation. <i>Scientific Reports</i> , 2017, 7, 1490.	3.3	14
45	Flow Cytometric Measurement of Blood Cells with BCR-ABL1 Fusion Protein in Chronic Myeloid Leukemia. <i>Scientific Reports</i> , 2017, 7, 623.	3.3	13
46	Ibrutinib induces rapid downâ€™regulation of inflammatory markers and altered transcription of chronic lymphocytic leukaemiaâ€™related genes in blood and lymph nodes. <i>British Journal of Haematology</i> , 2018, 183, 212-224.	2.5	13
47	Protein Profiling in Serum and Cerebrospinal Fluid Following Complex Surgery on the Thoracic Aorta Identifies Biological Markers of Neurologic Injury. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 503-516.	2.4	12
48	Early increment of soluble triggering receptor expressed on myeloid cells 2 in plasma might be a predictor of poor outcome after ischemic stroke. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 215-218.	1.5	12
49	Self-assembly of proximity probes for flexible and modular proximity ligation assays. <i>BioTechniques</i> , 2007, 43, 443-450.	1.8	11
50	A tosyl-activated magnetic bead cellulose as solid support for sensitive protein detection. <i>Journal of Biotechnology</i> , 2013, 167, 235-240.	3.8	10
51	Reduced sialyl-Lewis <sup>x</sup> on salivary MUC7 from patients with burning mouth syndrome. <i>Molecular Omics</i> , 2019, 15, 331-339.	2.8	10
52	Multiplex plasma protein profiling identifies novel markers to discriminate patients with adenocarcinoma of the lung. <i>BMC Cancer</i> , 2019, 19, 741.	2.6	10
53	Platelet-Derived PDGFB Promotes Recruitment of Cancer-Associated Fibroblasts, Deposition of Extracellular Matrix and Tgf <sup>2</sup> Signaling in the Tumor Microenvironment. <i>Cancers</i> , 2022, 14, 1947.	3.7	10
54	Plasma Protein Profiling Reveal Osteoprotegerin as a Marker of Prognostic Impact for Colorectal Cancer. <i>Translational Oncology</i> , 2018, 11, 1034-1043.	3.7	9

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55	Purification and partial characterization by matrix-assisted laser desorption ionization time-of-flight mass spectrometry of the recombinant transposase, TniA. <i>Journal of Chromatography A</i> , 2003, 1009, 179-188.	3.7	8
56	Generation of ssDNA aptamers as diagnostic tool for Newcastle avian virus. <i>PLoS ONE</i> , 2020, 15, e0237253.	2.5	7
57	Thermoirreversible and Thermoreversible Promoter Opening by Two <i>Escherichia coli</i> RNA Polymerase Holoenzymes. <i>Journal of Biological Chemistry</i> , 2003, 278, 29701-29709.	3.4	6
58	Sensitive detection of aggregated prion protein via proximity ligation. <i>Prion</i> , 2014, 8, 261-265.	1.8	5
59	Elevated Serum GAD65 and GAD65-GADA Immune Complexes in Stiff Person Syndrome. <i>Scientific Reports</i> , 2015, 5, 11196.	3.3	5
60	Sensitive and Specific Detection of Platelet-Derived and Tissue Factor-Positive Extracellular Vesicles in Plasma Using Solid-Phase Proximity Ligation Assay. <i>TH Open</i> , 2018, 02, e250-e260.	1.4	5
61	Protein measurements in venous plasma, earlobe capillary plasma and in plasma stored on filter paper. <i>Analytical Biochemistry</i> , 2019, 566, 146-150.	2.4	5
62	A Universal Approach to Prepare Reagents for DNA-Assisted Protein Analysis. <i>PLoS ONE</i> , 2014, 9, e108061.	2.5	5
63	Human erythrocyte-derived nanovesicles can readily be loaded with doxorubicin and act as anticancer agents.. <i>Cancer Research Frontiers</i> , 2018, 4, 13-26.	0.2	5
64	Immune-Proteome Profiling in Classical Hodgkin Lymphoma Tumor Diagnostic Tissue. <i>Cancers</i> , 2022, 14, 9.	3.7	5
65	Investigation of gene dosage imbalances in patients with Noonan syndrome using multiplex ligation-dependent probe amplification analysis. <i>European Journal of Medical Genetics</i> , 2010, 53, 117-121.	1.3	4
66	Detection of Extracellular Vesicles Using Proximity Ligation Assay with Flow Cytometry Readout-ExoPLA. <i>Current Protocols in Cytometry</i> , 2017, 81, 4.8.1-4.8.10.	3.7	4
67	Accurate detection of Newcastle disease virus using proximity-dependent DNA aptamer ligation assays. <i>FEBS Open Bio</i> , 2021, 11, 1122-1131.	2.3	4
68	Elevated Levels of SOX10 in Serum from Vitiligo and Melanoma Patients, Analyzed by Proximity Ligation Assay. <i>PLoS ONE</i> , 2016, 11, e0154214.	2.5	4
69	Analysis of blood group antigens on MUC5AC in mucinous ovarian cancer tissues using <i>in situ</i> proximity ligation assay. <i>Glycobiology</i> , 2021, 31, 1464-1471.	2.5	3
70	Human proteins incorporated into tick-borne encephalitis virus revealed by <i>in situ</i> proximity ligation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 714-719.	2.1	2
71	Plasma proteome profiling of cardiotoxicity in patients with diffuse large B-cell lymphoma. <i>Cardio-Oncology</i> , 2021, 7, 6.	1.7	2
72	Very Early Effects of Ibrutinib on Tumor and Immune Cells in Blood and Lymph Nodes in Relapsed or Refractory Chronic Lymphocytic Leukemia (CLL) Patients. <i>Blood</i> , 2016, 128, 3235-3235.	1.4	2

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73	Next wave advances in single-cell analyses. <i>Analyst, The</i> , 2019, 144, 735-737.	3.5	1
74	Image-based high-throughput mapping of TGF- $\beta$ <sup>2</sup> -induced phosphocomplexes at a single-cell level. <i>Communications Biology</i> , 2021, 4, 1284.	4.4	1