

# Bijar Ghafouri

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,990  
citations

236925

25  
h-index

276875

41  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping of proteins in human saliva using two-dimensional gel electrophoresis and peptide mass fingerprinting. <i>Proteomics</i> , 2003, 3, 1003-1015.	2.2	128
2	Newly identified proteins in human nasal lavage fluid from non-smokers and smokers using two-dimensional gel electrophoresis and peptide mass fingerprinting. <i>Proteomics</i> , 2002, 2, 112-120.	2.2	112
3	Protective effects of elevated anandamide on stress and fear-related behaviors: translational evidence from humans and mice. <i>Molecular Psychiatry</i> , 2020, 25, 993-1005.	7.9	103
4	Saliva as a medium to detect and measure biomarkers related to pain. <i>Scientific Reports</i> , 2018, 8, 3220.	3.3	93
5	Chronic musculoskeletal pain: review of mechanisms and biochemical biomarkers as assessed by the microdialysis technique. <i>Journal of Pain Research</i> , 2014, 7, 313.	2.0	84
6	Palmitoylethanolamide and stearoylethanolamide levels in the interstitium of the trapezius muscle of women with chronic widespread pain and chronic neck-shoulder pain correlate with pain intensity and sensitivity. <i>Pain</i> , 2013, 154, 1649-1658.	4.2	70
7	Protein alterations in women with chronic widespread pain – An explorative proteomic study of the trapezius muscle. <i>Scientific Reports</i> , 2015, 5, 11894.	3.3	68
8	Identification of Proteins from Interstitium of Trapezius Muscle in Women with Chronic Myalgia Using Microdialysis in Combination with Proteomics. <i>PLoS ONE</i> , 2012, 7, e52560.	2.5	68
9	The proteomic profile of whole and glandular saliva in healthy pain-free subjects. <i>Scientific Reports</i> , 2016, 6, 39073.	3.3	63
10	PLUNC in human nasal lavage fluid: multiple isoforms that bind to lipopolysaccharide. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1699, 57-63.	2.3	63
11	Chronic Widespread Pain. <i>Clinical Journal of Pain</i> , 2014, 30, 409-420.	1.9	57
12	Signs of ongoing inflammation in female patients with chronic widespread pain. <i>Medicine (United States)</i> , 2010, 89, 49.	1.0	49
13	Multivariate proteomic analysis of the cerebrospinal fluid of patients with peripheral neuropathic pain and healthy controls – a hypothesis-generating pilot study. <i>Journal of Pain Research</i> , 2015, 8, 321.	2.0	46
14	Newly identified proteins in human nasal lavage fluid from non-smokers and smokers using two-dimensional gel electrophoresis and peptide mass fingerprinting. <i>Proteomics</i> , 2002, 2, 112-20.	2.2	39
15	Hyaluronic Acid Accelerates Re-epithelialization and Alters Protein Expression in a Human Wound Model. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2221.	0.6	35
16	Significant correlation between plasma proteome profile and pain intensity, sensitivity, and psychological distress in women with fibromyalgia. <i>Scientific Reports</i> , 2020, 10, 12508.	3.3	35
17	Dopamine in plasma – a biomarker for myofascial TMD pain?. <i>Journal of Headache and Pain</i> , 2016, 17, 65.	6.0	33
18	Systemic alterations in plasma proteins from women with chronic widespread pain compared to healthy controls: a proteomic study. <i>Journal of Pain Research</i> , 2017, Volume 10, 797-809.	2.0	33

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19	Comparison of the Levels of Pro-Inflammatory Cytokines Released in the Vastus Lateralis Muscle of Patients with Fibromyalgia and Healthy Controls during Contractions of the Quadriceps Muscle – A Microdialysis Study. PLoS ONE, 2015, 10, e0143856.	2.5	32
20	Autophagy Induction Protects against 7-Oxysterol-induced Cell Death via Lysosomal Pathway and Oxidative Stress. Journal of Cell Death, 2016, 9, JCD.S37841.	0.8	32
21	Unaltered low nerve growth factor and high brain-derived neurotrophic factor levels in plasma from patients with fibromyalgia after a 15-week progressive resistance exercise. Journal of Rehabilitation Medicine, 2019, 51, 779-787.	1.1	32
22	Specific proteins of the trapezius muscle correlate with pain intensity and sensitivity – an explorative multivariate proteomic study of the trapezius muscle in women with chronic widespread pain. Journal of Pain Research, 2016, 9, 345.	2.0	31
23	Clara cell protein in nasal lavage fluid and nasal nitric oxide - biomarkers with anti-inflammatory properties in allergic rhinitis. Clinical and Molecular Allergy, 2012, 10, 4.	1.8	28
24	The Relationship of Endocannabinoidome Lipid Mediators With Pain and Psychological Stress in Women With Fibromyalgia: A Case-Control Study. Journal of Pain, 2018, 19, 1318-1328.	1.4	28
25	Interstitial concentration of serotonin is increased in myalgic human trapezius muscle during rest, repetitive work and mental stress – an in vivo microdialysis study. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 478-486.	1.2	27
26	Biomarkers of systemic inflammation in farmers with musculoskeletal disorders; a plasma proteomic study. BMC Musculoskeletal Disorders, 2016, 17, 206.	1.9	26
27	Plasma Protein Pattern Correlates With Pain Intensity and Psychological Distress in Women With Chronic Widespread Pain. Frontiers in Psychology, 2018, 9, 2400.	2.1	26
28	Increased Interstitial Concentrations of Glutamate and Pyruvate in Vastus Lateralis of Women with Fibromyalgia Syndrome Are Normalized after an Exercise Intervention – A Case-Control Study. PLoS ONE, 2016, 11, e0162010.	2.5	26
29	Do Low Levels of Beta-Endorphin in the Cerebrospinal Fluid Indicate Defective Top-Down Inhibition in Patients with Chronic Neuropathic Pain? A Cross-Sectional, Comparative Study. Pain Medicine, 2014, 15, 111-119.	1.9	25
30	Alterations of anti-inflammatory lipids in plasma from women with chronic widespread pain - a case control study. Lipids in Health and Disease, 2017, 16, 112.	3.0	25
31	Clear differences in cerebrospinal fluid proteome between women with chronic widespread pain and healthy women – a multivariate explorative cross-sectional study. Journal of Pain Research, 2017, Volume 10, 575-590.	2.0	25
32	Multivariate Modeling of Proteins Related to Trapezius Myalgia, a Comparative Study of Female Cleaners with or without Pain. PLoS ONE, 2013, 8, e73285.	2.5	25
33	Effects of Experimental Tooth Clenching on Pain and Intramuscular Release of 5-HT and Glutamate in Patients With Myofascial TMD. Clinical Journal of Pain, 2015, 31, 740-749.	1.9	24
34	Altered levels of salivary and plasma pain related markers in temporomandibular disorders. Journal of Headache and Pain, 2020, 21, 105.	6.0	24
35	Effects of 15 weeks of resistance exercise on pro-inflammatory cytokine levels in the vastus lateralis muscle of patients with fibromyalgia. Arthritis Research and Therapy, 2016, 18, 137.	3.5	22
36	Modified lipoproteins in periodontitis: a link to cardiovascular disease?. Bioscience Reports, 2019, 39, .	2.4	21

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37	Airway Symptoms and Biological Markers in Nasal Lavage Fluid in Subjects Exposed to Metalworking Fluids. PLoS ONE, 2013, 8, e83089.	2.5	19
38	The inflammatory profile of cerebrospinal fluid, plasma, and saliva from patients with severe neuropathic pain and healthy controls-a pilot study. BMC Neuroscience, 2021, 22, 6.	1.9	19
39	Increased Anandamide and Decreased Pain and Depression after Exercise in Fibromyalgia. Medicine and Science in Sports and Exercise, 2020, 52, 1617-1628.	0.4	18
40	Plasma pro-inflammatory markers in chronic neuropathic pain: A multivariate, comparative, cross-sectional pilot study. Scandinavian Journal of Pain, 2016, 10, 1-5.	1.3	17
41	Evidence of Mitochondrial Dysfunction in Fibromyalgia: Deviating Muscle Energy Metabolism Detected Using Microdialysis and Magnetic Resonance. Journal of Clinical Medicine, 2020, 9, 3527.	2.4	17
42	Proteomic studies of common chronic pain conditions - a systematic review and associated network analyses. Expert Review of Proteomics, 2020, 17, 483-505.	3.0	17
43	Exploration of Functional Connectivity Changes Previously Reported in Fibromyalgia and Their Relation to Psychological Distress and Pain Measures. Journal of Clinical Medicine, 2020, 9, 3560.	2.4	17
44	Serotonin, glutamate and glycerol are released after the injection of hypertonic saline into human masseter muscles – a microdialysis study. Journal of Headache and Pain, 2014, 15, 89.	6.0	16
45	2,5-Dihydroxybenzoic acid instead of 1-cyano-4-hydroxycinnamic acid as matrix in matrix-assisted laser desorption/ionization time-of-flight mass spectrometry for analyses of in-gel digests of silver-stained proteins. Analytical Biochemistry, 2007, 371, 121-123.	2.4	13
46	Evaluation of dynamic changes in interstitial fluid proteome following microdialysis probe insertion trauma in trapezius muscle of healthy women. Scientific Reports, 2017, 7, 43512.	3.3	13
47	Changes in inflammatory plasma proteins from patients with chronic pain associated with treatment in an interdisciplinary multimodal rehabilitation program – an explorative multivariate pilot study. Scandinavian Journal of Pain, 2019, 20, 125-138.	1.3	13
48	Pain and Intramuscular Release of Algesic Substances in the Masseter Muscle After Experimental Tooth-Clenching Exercises in Healthy Subjects. Journal of Orofacial Pain, 2013, 27, 350-360.	1.7	12
49	Myogenous temporomandibular disorders and salivary markers of oxidative stress – A cross-sectional study. Journal of Oral Rehabilitation, 2021, 48, 1-9.	3.0	11
50	Protein Signature in Saliva of Temporomandibular Disorders Myalgia. International Journal of Molecular Sciences, 2020, 21, 2569.	4.1	10
51	High levels of endogenous lipid mediators (N-acyl ethanolamines) in women with chronic widespread pain during acute tissue trauma. Molecular Pain, 2016, 12, 174480691666288.	2.1	8
52	CSF levels of apolipoprotein C1 and autotaxin found to associate with neuropathic pain and fibromyalgia. Journal of Pain Research, 2019, Volume 12, 2875-2889.	2.0	8
53	Diurnal variation of inflammatory plasma proteins involved in pain. Pain Reports, 2019, 4, e776.	2.7	8
54	Plasma protein patterns are strongly correlated with pressure pain thresholds in women with chronic widespread pain and in healthy controls – an exploratory case-control study. Medicine (United States), 2020, 99, e20497.	1.0	8

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55	Proteomic Investigation in Plasma from Women with Fibromyalgia in Response to a 15-wk Resistance Exercise Intervention. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 232-246.	0.4	8
56	Oxylipins in cerebrospinal fluid in clinically isolated syndrome and relapsing remitting multiple sclerosis. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 138, 41-47.	1.9	7
57	Salivary beta-endorphin and substance P are not biomarkers of neuropathic chronic pain propensity. <i>Heliyon</i> , 2018, 4, e00718.	3.2	7
58	Dynamic protein changes in the perihemorrhagic zone of Surgically Treated Intracerebral Hemorrhage Patients. <i>Scientific Reports</i> , 2019, 9, 3181.	3.3	7
59	Proteomic investigation of protein adsorption to cerebral microdialysis membranes in surgically treated intracerebral hemorrhage patients - a pilot study. <i>Proteome Science</i> , 2020, 18, 7.	1.7	6
60	Automated Nociceptive Withdrawal Reflex Measurements Reveal Normal Reflex Thresholds and Augmented Pain Ratings in Patients with Fibromyalgia. <i>Journal of Clinical Medicine</i> , 2020, 9, 1992.	2.4	6
61	Do fragments and glycosylated isoforms of alpha-1-antitrypsin in CSF mirror spinal pathophysiological mechanisms in chronic peripheral neuropathic pain? An exploratory, discovery phase study. <i>BMC Neurology</i> , 2018, 18, 116.	1.8	5
62	Investigation of biomarkers alterations after an acute tissue trauma in human trapezius muscle, using microdialysis. <i>Scientific Reports</i> , 2018, 8, 3034.	3.3	4
63	The Effect of Microdialysis Catheter Insertion on Glutamate and Serotonin Levels in Masseter Muscle in Patients with Myofascial Temporomandibular Disorders and Healthy Controls. <i>Diagnostics</i> , 2019, 9, 14.	2.6	4
64	Proteomic Analysis of the Cerebrospinal Fluid in Patients With Essential Tremor Before and After Deep Brain Stimulation Surgery: A Pilot Study. <i>Neuromodulation</i> , 2020, 23, 502-508.	0.8	4
65	Measurements and observations of movements at work for warehouse forklift truck operators. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 1840-1848.	1.9	4
66	Thermal Pain Thresholds Are Significantly Associated with Plasma Proteins of the Immune System in Chronic Widespread Pain—An Exploratory Pilot Study Using Multivariate and Network Analyses. <i>Journal of Clinical Medicine</i> , 2021, 10, 3652.	2.4	4
67	Pathophysiology behind prolonged whiplash associated disorders: study protocol for an experimental study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 51.	1.9	4
68	Myosin light chain and calcium regulating protein differences in chronic musculoskeletal neck and shoulder pain. <i>Journal of Integrated OMICS</i> , 2016, 6, .	0.5	3
69	Differentially Expressed Proteins in Intra Synovial Compared to Extra Synovial Flexor Tendon Grafts in a Rabbit Tendon Transplantation Model. <i>Biomedicines</i> , 2020, 8, 408.	3.2	3
70	Metal exposure from additive manufacturing and its effect on the nasal lavage fluid proteome - a pilot study. <i>PLoS ONE</i> , 2021, 16, e0256746.	2.5	3
71	Sampling insulin in different tissue compartments using microdialysis: methodological aspects. <i>Scientific Reports</i> , 2020, 10, 21948.	3.3	3
72	Unstimulated Parotid Saliva Sampling in Juvenile Idiopathic Arthritis and Healthy Controls: A Proof-of-Concept Study on Biomarkers. <i>Diagnostics</i> , 2020, 10, 251.	2.6	2

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73	Intriguing bronchoalveolar lavage proteome in a case of pulmonary langerhans cell histiocytosis. American Journal of Case Reports, 2013, 14, 129-133.	0.8	2
74	Investigation of proteins important for microcirculation using in vivo microdialysis after glucose provocation: a proteomic study. Scientific Reports, 2021, 11, 19093.	3.3	1
75	Altered Plasma Proteins in Myogenous Temporomandibular Disorders. Journal of Clinical Medicine, 2022, 11, 2777.	2.4	1
76	Microdialysis in Profiling Cytokines and Other Macromolecules in the Skin in Health and Disease: A Comment to Falcone et al.. Acta Dermato-Venereologica, 2017, 97, 1269-1270.	1.3	0
77	The Dynamic Computer Workstationâ€™A Pilot Study of Clinical and Biochemical Investigation during Work at Static Respectively Mobile Keyboards. International Journal of Environmental Research and Public Health, 2021, 18, 1493.	2.6	0
78	Investigating the Long-Term Effect of an Interdisciplinary Multimodal Rehabilitation Program on Levels of Bioactive Lipids and Telomerase Activity in Blood from Patients with Chronic Pain. Journal of Clinical Medicine, 2022, 11, 1291.	2.4	0