Maryam Ferdousi

List of Publications by Year
in descending order

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73 papers	2,809 citations	201385 27 h-index	205818 48 g-index
74 all docs	74 docs citations	74 times ranked	2184 citing authors

#	Article	IF	Citations
1	Diabetic Peripheral Neuropathy: Epidemiology, Diagnosis, and Pharmacotherapy. Clinical Therapeutics, 2018, 40, 828-849.	1.1	286
2	Small Nerve Fiber Quantification in the Diagnosis of Diabetic Sensorimotor Polyneuropathy: Comparing Corneal Confocal Microscopy With Intraepidermal Nerve Fiber Density. Diabetes Care, 2015, 38, 1138-1144.	4.3	200
3	Normative Values for Corneal Nerve Morphology Assessed Using Corneal Confocal Microscopy: A Multinational Normative Data Set. Diabetes Care, 2015, 38, 838-843.	4.3	150
4	Corneal Confocal Microscopy Identifies Small-Fiber Neuropathy in Subjects With Impaired Glucose Tolerance Who Develop Type 2 Diabetes. Diabetes Care, 2015, 38, 1502-1508.	4.3	120
5	Small fiber neuropathy in Parkinson's disease: A clinical, pathological and corneal confocal microscopy study. Parkinsonism and Related Disorders, 2015, 21, 1454-1460.	1.1	117
6	Chemotherapy-Induced Peripheral Neuropathy: Epidemiology, Pathomechanisms and Treatment. Oncology and Therapy, 2021, 9, 385-450.	1.0	92
7	Early nerve fibre regeneration in individuals with type 1 diabetes after simultaneous pancreas and kidney transplantation. Diabetologia, 2019, 62, 1478-1487.	2.9	91
8	An artificial intelligence-based deep learning algorithm for the diagnosis of diabetic neuropathy using corneal confocal microscopy: a development and validation study. Diabetologia, 2020, 63, 419-430.	2.9	88
9	Corneal confocal microscopy is a rapid reproducible ophthalmic technique for quantifying corneal nerve abnormalities. PLoS ONE, 2017, 12, e0183040.	1.1	87
10	Corneal Confocal Microscopy Detects Small Fibre Neuropathy in Patients with Upper Gastrointestinal Cancer and Nerve Regeneration in Chemotherapy Induced Peripheral Neuropathy. PLoS ONE, 2015, 10, e0139394.	1.1	86
11	Greater corneal nerve loss at the inferior whorl is related to the presence of diabetic neuropathy and painful diabetic neuropathy. Scientific Reports, 2018, 8, 3283.	1.6	74
12	The Inferior Whorl For Detecting Diabetic Peripheral Neuropathy Using Corneal Confocal Microscopy. , 2015, 56, 2498.		73
13	Corneal nerve fiber size adds utility to the diagnosis and assessment of therapeutic response in patients with small fiber neuropathy. Scientific Reports, 2018, 8, 4734.	1.6	70
14	Corneal Nerve Fractal Dimension: A Novel Corneal Nerve Metric for the Diagnosis of Diabetic Sensorimotor Polyneuropathy. , 2018, 59, 1113.		64
15	Diagnosis of Neuropathy and Risk Factors for Corneal Nerve Loss in Type 1 and Type 2 Diabetes: A Corneal Confocal Microscopy Study. Diabetes Care, 2021, 44, 150-156.	4.3	60
16	Spinal Disinhibition in Experimental and Clinical Painful Diabetic Neuropathy. Diabetes, 2017, 66, 1380-1390.	0.3	58
17	Corneal Confocal Microscopy Shows an Improvement in Small-Fiber Neuropathy in Subjects With Type 1 Diabetes on Continuous Subcutaneous Insulin Infusion Compared With Multiple Daily Injection. Diabetes Care, 2015, 38, e3-e4.	4.3	56
18	Early corneal nerve fibre damage and increased Langerhans cell density in children with type 1 diabetes mellitus. Scientific Reports, 2019, 9, 8758.	1.6	48

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19	Zeolite Nanoparticles Inhibit AÎ²â€“Fibrinogen Interaction and Formation of a Consequent Abnormal Structural Clot. ACS Applied Materials & Interfaces, 2016, 8, 30768-30779.	4.0	47
20	Hypertension Contributes to Neuropathy in Patients With Type 1 Diabetes. American Journal of Hypertension, 2019, 32, 796-803.	1.0	46
21	Improvements in Diabetic Neuropathy and Nephropathy After Bariatric Surgery: a Prospective Cohort Study. Obesity Surgery, 2021, 31, 554-563.	1.1	43
22	Corneal confocal microscopy detects small nerve fibre damage in patients with painful diabetic neuropathy. Scientific Reports, 2020, 10, 3371.	1.6	41
23	Rapid Corneal Nerve Fiber Loss: A Marker of Diabetic Neuropathy Onset and Progression. Diabetes Care, 2020, 43, 1829-1835.	4.3	40
24	A gain-of-function sodium channelÎ²2-subunit mutation in painful diabetic neuropathy. Molecular Pain, 2019, 15, 174480691984980.	1.0	38
25	Bariatric surgery leads to an improvement in small nerve fibre damage in subjects with obesity. International Journal of Obesity, 2021, 45, 631-638.	1.6	31
26	A fully automated cell segmentation and morphometric parameter system for quantifying corneal endothelial cell morphology. Computer Methods and Programs in Biomedicine, 2018, 160, 11-23.	2.6	30
27	Keratocyte Density Is Reduced and Related to Corneal Nerve Damage in Diabetic Neuropathy. , 2018, 59, 3584.		30
28	Small-fibre neuropathy in men with type 1 diabetes and erectile dysfunction: a cross-sectional study. Diabetologia, 2017, 60, 1094-1101.	2.9	29
29	An update on the diagnosis and treatment of diabetic somatic and autonomic neuropathy. F1000Research, 2019, 8, 186.	0.8	29
30	Vitamin D deficiency is associated with painful diabetic neuropathy. Diabetes/Metabolism Research and Reviews, 2021, 37, e3361.	1.7	29
31	Corneal Confocal Microscopy: A Biomarker for Diabetic Peripheral Neuropathy. Clinical Therapeutics, 2021, 43, 1457-1475.	1.1	29
32	The Reliability and Reproducibility of Corneal Confocal Microscopy in Children. , 2015, 56, 5636.		28
33	Corneal Confocal Microscopy Predicts the Development of Diabetic Neuropathy: A Longitudinal Diagnostic Multinational Consortium Study. Diabetes Care, 2021, 44, 2107-2114.	4.3	28
34	Diabetic Neuropathy Is Characterized by Progressive Corneal Nerve Fiber Loss in the Central and Inferior Whorl Regions. , 2020, 61, 48.		26
35	Artificial intelligence utilising corneal confocal microscopy for the diagnosis of peripheral neuropathy in diabetes mellitus and prediabetes. Diabetologia, 2022, 65, 457-466.	2.9	24
36	Biomolecular Corona Dictates AÎ² Fibrillation Process. ACS Chemical Neuroscience, 2018, 9, 1725-1734.	1.7	23

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37	Lipids and peripheral neuropathy. Current Opinion in Lipidology, 2021, 32, 249-257.	1.2	23
38	Automated Quantification of Neuropad Improves Its Diagnostic Ability in Patients with Diabetic Neuropathy. Journal of Diabetes Research, 2015, 2015, 1-7.	1.0	20
39	Corneal confocal microscopy identifies small fibre damage and progression of diabetic neuropathy. Scientific Reports, 2021, 11, 1859.	1.6	20
40	The Utility of Corneal Nerve Fractal Dimension Analysis in Peripheral Neuropathies of Different Etiology. Translational Vision Science and Technology, 2020, 9, 43.	1.1	19
41	Explanations for less small fibre neuropathy in South Asian versus European subjects with type 2 diabetes in the UK. Diabetes/Metabolism Research and Reviews, 2018, 34, e3044.	1.7	17
42	Small Nerve Fiber Damage and Langerhans Cells in Type 1 and Type 2 Diabetes and LADA Measured by Corneal Confocal Microscopy. , 2021, 62, 5.		17
43	Artificial Intelligenceâ€“Based Classification of Diabetic Peripheral Neuropathy From Corneal Confocal Microscopy Images. Diabetes Care, 2021, 44, e151-e153.	4.3	17
44	Corneal confocal microscopy detects small fibre neurodegeneration in Parkinson's disease using automated analysis. Scientific Reports, 2020, 10, 20147.	1.6	16
45	Corneal Confocal Microscopy Identifies Parkinson's Disease with More Rapid Motor Progression. Movement Disorders, 2021, 36, 1927-1934.	2.2	16
46	No Relation Between the Severity of Corneal Nerve, Epithelial, and Keratocyte Cell Morphology With Measures of Dry Eye Disease in Type 1 Diabetes. , 2018, 59, 5525.		15
47	Corneal confocal microscopy compared with quantitative sensory testing and nerve conduction for diagnosing and stratifying the severity of diabetic peripheral neuropathy. BMJ Open Diabetes Research and Care, 2020, 8, e001801.	1.2	15
48	Tau associated peripheral and central neurodegeneration: Identification of an early imaging marker for tauopathy. Neurobiology of Disease, 2021, 151, 105273.	2.1	14
49	Corneal Confocal Microscopy to Image Small Nerve Fiber Degeneration: Ophthalmology Meets Neurology. Frontiers in Pain Research, 2021, 2, 725363.	0.9	14
50	Male sexual dysfunction in obesity: The role of sex hormones and small fibre neuropathy. PLoS ONE, 2019, 14, e0221992.	1.1	13
51	Corneal Confocal Microscopy Detects Small-Fiber Neuropathy in Burning Mouth Syndrome: A Cross-Sectional Study. Journal of Oral and Facial Pain and Headache, 2019, 33, 337-341.	0.7	13
52	Corneal nerve loss is related to the severity of painful diabetic neuropathy. European Journal of Neurology, 2022, 29, 286-294.	1.7	13
53	NerveCheck for the Detection of Sensory Loss and Neuropathic Pain in Diabetes. Diabetes Technology and Therapeutics, 2016, 18, 800-805.	2.4	12
54	Latent autoimmune diabetes of adulthood (<scp>LADA</scp>) is associated with small fibre neuropathy. Diabetic Medicine, 2019, 36, 1118-1124.	1.2	12

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55	Corneal Keratocyte Density and Corneal Nerves Are Reduced in Patients With Severe Obesity and Improve After Bariatric Surgery. , 2021, 62, 20.		12
56	Toxicity of serum albumin on microglia upon seeding effect of amyloid peptide. Journal of Biochemistry, 2016, 160, 325-332.	0.9	11
57	Greater small nerve fibre damage in the skin and cornea of type 1 diabetic patients with painful compared to painless diabetic neuropathy. European Journal of Neurology, 2021, 28, 1745-1751.	1.7	11
58	Diagnosing and managing diabetic somatic and autonomic neuropathy. Therapeutic Advances in Endocrinology and Metabolism, 2019, 10, 204201881982689.	1.4	10
59	The role of abnormalities of lipoproteins and HDL functionality in small fibre dysfunction in people with severe obesity. Scientific Reports, 2021, 11, 12573.	1.6	10
60	Spinal Inhibitory Dysfunction in Patients With Painful or Painless Diabetic Neuropathy. Diabetes Care, 2021, 44, 1835-1841.	4.3	9
61	An unbiased stereological method for corneal confocal microscopy in patients with diabetic polyneuropathy. Scientific Reports, 2020, 10, 12550.	1.6	8
62	Small fibre pathology is associated with erectile dysfunction in men with type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3263.	1.7	7
63	Progressive loss of corneal nerve fibers is associated with physical inactivity and glucose lowering medication associated with weight gain in type 2 diabetes. Journal of Diabetes Investigation, 2022, 13, 1703-1710.	1.1	6
64	Optimal Utility of H-Reflex RDD as a Biomarker of Spinal Disinhibition in Painful and Painless Diabetic Neuropathy. Diagnostics, 2021, 11, 1247.	1.3	5
65	Glycated apolipoprotein B decreases after bariatric surgery in people with and without diabetes: A potential contribution to reduction in cardiovascular risk. Atherosclerosis, 2022, 346, 10-17.	0.4	4
66	Corneal confocal microscopy identifies small nerve fibre damage in patients with hypertriglyceridemia. Journal of Clinical Lipidology, 2022, 16, 463-471.	0.6	4
67	Lipids, Lipid-Lowering Therapy, and Neuropathy: A Narrative Review. Clinical Therapeutics, 2022, 44, 1012-1025.	1.1	4
68	Insulin glycation coupled with liposomal lipid peroxidation and microglial cell death. RSC Advances, 2015, 5, 33114-33122.	1.7	3
69	Improvement in small fibre neuropathy and inflammatory biomarkers after bariatric surgery. Atherosclerosis, 2016, 255, 8-9.	0.4	3
70	No evidence of improvement in neuropathy after renal transplantation in patients with end stage kidney disease. Journal of the Peripheral Nervous System, 2021, 26, 269-275.	1.4	2
71	The impact of atherosclerotic cardiovascular disease, dyslipidaemia and lipid lowering therapy on Coronavirus disease 2019 outcomes. Current Opinion in Lipidology, 2021, Publish Ahead of Print, 231-243.	1.2	2
72	Protection from neuropathy in extreme duration type 1 diabetes. Journal of the Peripheral Nervous System, 2021, 26, 49-54.	1.4	1

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73	Corneal confocal microscopy for the diagnosis of diabetic sensorimotor polyneuropathy in people with type 1 and 2 diabetes mellitus. The Cochrane Library, 2021, 2021, .	1.5	0