

Georgios Ponirakis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

2,402
citations

25
h-index

47
g-index

105
ext. papers

3,039
ext. citations

5.3
avg, IF

4.87
L-index

#	Paper	IF	Citations
83	Corneal confocal microscopy detects early nerve regeneration in diabetic neuropathy after simultaneous pancreas and kidney transplantation. <i>Diabetes</i> , 2013 , 62, 254-60	0.9	192
82	Small nerve fiber quantification in the diagnosis of diabetic sensorimotor polyneuropathy: comparing corneal confocal microscopy with intraepidermal nerve fiber density. <i>Diabetes Care</i> , 2015 , 38, 1138-44	14.6	160
81	Rapid automated diagnosis of diabetic peripheral neuropathy with in vivo corneal confocal microscopy 2014 , 55, 2071-8		151
80	Repeatability of in vivo corneal confocal microscopy to quantify corneal nerve morphology. <i>Cornea</i> , 2013 , 32, e83-9	3.1	124
79	Corneal nerve loss detected with corneal confocal microscopy is symmetrical and related to the severity of diabetic polyneuropathy. <i>Diabetes Care</i> , 2013 , 36, 3646-51	14.6	123
78	Corneal confocal microscopy detects neuropathy in subjects with impaired glucose tolerance. <i>Diabetes Care</i> , 2014 , 37, 2643-6	14.6	115
77	Corneal Confocal Microscopy Identifies Small-Fiber Neuropathy in Subjects With Impaired Glucose Tolerance Who Develop Type 2 Diabetes. <i>Diabetes Care</i> , 2015 , 38, 1502-8	14.6	98
76	Small fiber neuropathy in Parkinson's disease: A clinical, pathological and corneal confocal microscopy study. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 1454-60	3.6	97
75	Diagnostic utility of corneal confocal microscopy and intra-epidermal nerve fibre density in diabetic neuropathy. <i>PLoS ONE</i> , 2017 , 12, e0180175	3.7	94
74	T13. CORNEAL CONFOCAL MICROSCOPY DETECTS NEURAL CHANGES IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2020 , 46, S235-S236	1.3	78
73	Longitudinal assessment of neuropathy in type 1 diabetes using novel ophthalmic markers (LANDMark): study design and baseline characteristics. <i>Diabetes Research and Clinical Practice</i> , 2014 , 104, 248-56	7.4	62
72	Corneal Confocal Microscopy Detects Small Fibre Neuropathy in Patients with Upper Gastrointestinal Cancer and Nerve Regeneration in Chemotherapy Induced Peripheral Neuropathy. <i>PLoS ONE</i> , 2015 , 10, e0139394	3.7	61
71	Early nerve fibre regeneration in individuals with type 1 diabetes after simultaneous pancreas and kidney transplantation. <i>Diabetologia</i> , 2019 , 62, 1478-1487	10.3	59
70	The Inferior Whorl For Detecting Diabetic Peripheral Neuropathy Using Corneal Confocal Microscopy 2015 , 56, 2498-504		56
69	An artificial intelligence-based deep learning algorithm for the diagnosis of diabetic neuropathy using corneal confocal microscopy: a development and validation study. <i>Diabetologia</i> , 2020 , 63, 419-430	10.3	54
68	Diagnosing Diabetic Neuropathy: Something Old, Something New. <i>Diabetes and Metabolism Journal</i> , 2018 , 42, 255-269	5	53
67	Corneal Confocal Microscopy: An Imaging Endpoint for Axonal Degeneration in Multiple Sclerosis 2017 , 58, 3677-3681		50

66	Corneal Nerve Fractal Dimension: A Novel Corneal Nerve Metric for the Diagnosis of Diabetic Sensorimotor Polyneuropathy 2018 , 59, 1113-1118		46
65	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. <i>Diabetes Care</i> , 2015 , 38, e3-4	14.6	45
64	Visual complications in diabetes mellitus: beyond retinopathy. <i>Diabetic Medicine</i> , 2017 , 34, 478-484	3.5	43
63	Spinal Disinhibition in Experimental and Clinical Painful Diabetic Neuropathy. <i>Diabetes</i> , 2017 , 66, 1380-1390	3.9	41
62	Corneal confocal microscopy: ready for prime time. <i>Australasian journal of optometry, The</i> , 2020 , 103, 265-277	2.7	38
61	Association of corneal nerve fiber measures with cognitive function in dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 689-697	5.3	35
60	The diagnostic accuracy of Neuropad for assessing large and small fibre diabetic neuropathy. <i>Diabetic Medicine</i> , 2014 , 31, 1673-80	3.5	28
59	Hypertension Contributes to Neuropathy in Patients With Type 1 Diabetes. <i>American Journal of Hypertension</i> , 2019 , 32, 796-803	2.3	25
58	Diagnosis of Neuropathy and Risk Factors for Corneal Nerve Loss in Type 1 and Type 2 Diabetes: A Corneal Confocal Microscopy Study. <i>Diabetes Care</i> , 2021 , 44, 150-156	14.6	25
57	Small-fibre neuropathy in men with type 1 diabetes and erectile dysfunction: a cross-sectional study. <i>Diabetologia</i> , 2017 , 60, 1094-1101	10.3	23
56	NerveCheck: An inexpensive quantitative sensory testing device for patients with diabetic neuropathy. <i>Diabetes Research and Clinical Practice</i> , 2016 , 113, 101-7	7.4	22
55	An update on the diagnosis and treatment of diabetic somatic and autonomic neuropathy. <i>F1000Research</i> , 2019 , 8,	3.6	20
54	Effect of treatment with exenatide and pioglitazone or basal-bolus insulin on diabetic neuropathy: a substudy of the Qatar Study. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	20
53	Corneal Confocal Microscopy Detects Corneal Nerve Damage in Patients Admitted With Acute Ischemic Stroke. <i>Stroke</i> , 2017 , 48, 3012-3018	6.7	19
52	Prevalence and risk factors for painful diabetic neuropathy in secondary healthcare in Qatar. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1558-1564	3.9	19
51	Automated Quantification of Neuropad Improves Its Diagnostic Ability in Patients with Diabetic Neuropathy. <i>Journal of Diabetes Research</i> , 2015 , 2015, 847854	3.9	17
50	Peripheral neuropathy in patients with multiple sclerosis. <i>PLoS ONE</i> , 2018 , 13, e0193270	3.7	16
49	Corneal confocal microscopy detects severe small fiber neuropathy in diabetic patients with Charcot neuroarthropathy. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 1167-1172	3.9	15

48	Metformin Use Is Not Associated With B Deficiency or Neuropathy in Patients With Type 2 Diabetes Mellitus in Qatar. <i>Frontiers in Endocrinology</i> , 2018 , 9, 248	5.7	15
47	Early Detection of Diabetic Peripheral Neuropathy: A Focus on Small Nerve Fibres. <i>Diagnostics</i> , 2021 , 11,	3.8	14
46	Prevalence and management of diabetic neuropathy in secondary care in Qatar. <i>Diabetes/Metabolism Research and Reviews</i> , 2020 , 36, e3286	7.5	13
45	Corneal Confocal Microscopy detects a Reduction in Corneal Endothelial Cells and Nerve Fibres in Patients with Acute Ischemic Stroke. <i>Scientific Reports</i> , 2018 , 8, 17333	4.9	13
44	Cornea: A Window to White Matter Changes in Stroke; Corneal Confocal Microscopy a Surrogate Marker for the Presence and Severity of White Matter Hyperintensities in Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104543	2.8	12
43	The Utility of Corneal Nerve Fractal Dimension Analysis in Peripheral Neuropathies of Different Etiology. <i>Translational Vision Science and Technology</i> , 2020 , 9, 43	3.3	11
42	Bariatric surgery leads to an improvement in small nerve fibre damage in subjects with obesity. <i>International Journal of Obesity</i> , 2021 , 45, 631-638	5.5	11
41	Corneal nerve and endothelial cell damage in patients with transient ischemic attack and minor ischemic stroke. <i>PLoS ONE</i> , 2019 , 14, e0213319	3.7	10
40	Corneal Nerve and Brain Imaging in Mild Cognitive Impairment and Dementia. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1533-1543	4.3	10
39	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, 5525-5530		10
38	Corneal confocal microscopy identifies small fibre damage and progression of diabetic neuropathy. <i>Scientific Reports</i> , 2021 , 11, 1859	4.9	10
37	Corneal confocal microscopy compared with quantitative sensory testing and nerve conduction for diagnosing and stratifying the severity of diabetic peripheral neuropathy. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	9
36	Vitamin D deficiency is associated with painful diabetic neuropathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2021 , 37, e3361	7.5	9
35	Corneal confocal microscopy identifies corneal nerve fibre loss and increased dendritic cells in patients with long COVID. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	9
34	Diabetic neuropathy and painful diabetic neuropathy: Cinderella complications in South East Asia. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2018 , 68, 85-89	0.4	9
33	NerveCheck for the Detection of Sensory Loss and Neuropathic Pain in Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18, 800-805	8.1	8
32	Latent autoimmune diabetes of adulthood (LADA) is associated with small fibre neuropathy. <i>Diabetic Medicine</i> , 2019 , 36, 1118-1124	3.5	8
31	Corneal nerve loss in children with type 1 diabetes mellitus without retinopathy or microalbuminuria. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 1594-1601	3.9	7

30	Artificial Intelligence-Based Classification of Diabetic Peripheral Neuropathy From Corneal Confocal Microscopy Images. <i>Diabetes Care</i> , 2021 , 44, e151-e153	14.6	7
29	Diagnosing and managing diabetic somatic and autonomic neuropathy. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2019 , 10, 2042018819826890	4.5	7
28	Corneal Confocal Microscopy: A Biomarker for Diabetic Peripheral Neuropathy. <i>Clinical Therapeutics</i> , 2021 , 43, 1457-1475	3.5	6
27	Greater small nerve fibre damage in the skin and cornea of type 1 diabetic patients with painful compared to painless diabetic neuropathy. <i>European Journal of Neurology</i> , 2021 , 28, 1745-1751	6	6
26	Corneal confocal microscopy for the diagnosis of diabetic peripheral neuropathy: A systematic review and meta-analysis. <i>Journal of Diabetes Investigation</i> , 2021 ,	3.9	6
25	Corneal Immune Cells Are Increased in Patients With Multiple Sclerosis. <i>Translational Vision Science and Technology</i> , 2021 , 10, 19	3.3	5
24	Diabetic neuropathy and painful diabetic neuropathy in the Middle East and North Africa (MENA) region: Much work needs to be done. <i>Journal of Taibah University Medical Sciences</i> , 2016 , 11, 284-294	1.7	5
23	Tau associated peripheral and central neurodegeneration: Identification of an early imaging marker for tauopathy. <i>Neurobiology of Disease</i> , 2021 , 151, 105273	7.5	4
22	Small Nerve Fiber Damage and Langerhans Cells in Type 1 and Type 2 Diabetes and LADA Measured by Corneal Confocal Microscopy 2021 , 62, 5		4
21	Association of Cerebral Ischemia With Corneal Nerve Loss and Brain Atrophy in MCI and Dementia. <i>Frontiers in Neuroscience</i> , 2021 , 15, 690896	5.1	4
20	Insulin resistance limits corneal nerve regeneration in patients with type 2 diabetes undergoing intensive glycemic control. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 2002-2009	3.9	4
19	Corneal confocal microscopy identifies greater corneal nerve damage in patients with a recurrent compared to first ischemic stroke. <i>PLoS ONE</i> , 2020 , 15, e0231987	3.7	4
18	Prevalence and risk factors for diabetic neuropathy and painful diabetic neuropathy in primary and secondary healthcare in Qatar. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 592-600	3.9	4
17	Small Fiber Neuropathy in Patients With Latent Autoimmune Diabetes in Adults. <i>Diabetes Care</i> , 2015 , 38, e102-3	14.6	3
16	Painful diabetic neuropathy is associated with increased nerve regeneration in patients with type 2 diabetes undergoing intensive glycemic control. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 1642-1650	3.9	3
15	Corneal Confocal Microscopy to Image Small Nerve Fiber Degeneration: Ophthalmology Meets Neurology.. <i>Frontiers in Pain Research</i> , 2021 , 2, 725363	1.4	3
14	Corneal confocal microscopy demonstrates minimal evidence of distal neuropathy in children with celiac disease. <i>PLoS ONE</i> , 2020 , 15, e0238859	3.7	2
13	The role of abnormalities of lipoproteins and HDL functionality in small fibre dysfunction in people with severe obesity. <i>Scientific Reports</i> , 2021 , 11, 12573	4.9	2

12	Abnormal corneal nerve morphology and brain volume in patients with schizophrenia.. <i>Scientific Reports</i> , 2022 , 12, 1870	4.9	1
11	Corneal confocal microscopy demonstrates axonal loss in different courses of multiple sclerosis. <i>Scientific Reports</i> , 2021 , 11, 21688	4.9	1
10	Corneal nerve loss as a surrogate marker for poor pial collaterals in patients with acute ischemic stroke. <i>Scientific Reports</i> , 2021 , 11, 19718	4.9	1
9	Corneal confocal microscopy identifies a reduction in corneal keratocyte density and sub-basal nerves in children with type 1 diabetes mellitus. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	1
8	Protection from neuropathy in extreme duration type 1 diabetes. <i>Journal of the Peripheral Nervous System</i> , 2021 , 26, 49-54	4.7	1
7	Retinal vessel multifractals predict pial collateral status in patients with acute ischemic stroke.. <i>PLoS ONE</i> , 2022 , 17, e0267837	3.7	1
6	CellsDeepNet: A Novel Deep Learning-Based Web Application for the Automated Morphometric Analysis of Corneal Endothelial Cells. <i>Mathematics</i> , 2022 , 10, 320	2.3	0
5	No evidence of improvement in neuropathy after renal transplantation in patients with end stage kidney disease. <i>Journal of the Peripheral Nervous System</i> , 2021 , 26, 269-275	4.7	0
4	Optimal glycaemic and blood pressure but not lipid targets are related to a lower prevalence of diabetic microvascular complications. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021 , 15, 102241	8.9	0
3	Loss of corneal nerves and brain volume in mild cognitive impairment and dementia.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022 , 8, e12269	6	0
2	Corneal nerve loss in patients with TIA and acute ischemic stroke in relation to circulating markers of inflammation and vascular integrity.. <i>Scientific Reports</i> , 2022 , 12, 3332	4.9	0
1	Subclinical Corneal Nerve Fiber Damage and Immune Cell Activation in Systemic Lupus Erythematosus: A Corneal Confocal Microscopy Study.. <i>Translational Vision Science and Technology</i> , 2021 , 10, 10	3.3	0