Ali S Raza

List of Publications by Year
in descending order

34 papers	3,058 citations	430874 18 h-index	713466 21 g-index
34 all docs	34 docs citations	34 times ranked	2444 citing authors

#	Article	IF	Citations
1	Glaucomatous damage of the macula. Progress in Retinal and Eye Research, 2013, 32, 1-21.	15.5	687
2	Automated layer segmentation of macular OCT images using dual-scale gradient information. Optics Express, 2010, 18, 21293.	3.4	239
3	Toward a Clinical Protocol for Assessing Rod, Cone, and Melanopsin Contributions to the Human Pupil Response. , 2011, 52, 6624.		213
4	Retinal Ganglion Cell Layer Thickness and Local Visual Field Sensitivity in Glaucoma. JAMA Ophthalmology, 2011, 129, 1529.	2.4	185
5	Prevalence and Nature of Early Glaucomatous Defects in the Central 10° of the Visual Field. JAMA Ophthalmology, 2014, 132, 291.	2.5	175
6	Initial Arcuate Defects within the Central 10 Degrees in Glaucoma. , 2011, 52, 940.		157
7	The Nature of Macular Damage in Glaucoma as Revealed by Averaging Optical Coherence Tomography Data. Translational Vision Science and Technology, 2012, 1, 3.	2.2	134
8	Early Glaucoma Involves Both Deep Local, and Shallow Widespread, Retinal Nerve Fiber Damage of the Macular Region. , 2014, 55, 632.		129
9	Evaluation of Inner Retinal Layers in Patients with Multiple Sclerosis or Neuromyelitis Optica Using Optical Coherence Tomography. Ophthalmology, 2013, 120, 387-394.	5.2	111
10	The Inner Segment/Outer Segment Border Seen on Optical Coherence Tomography Is Less Intense in Patients with Diminished Cone Function. , 2011, 52, 9703.		103
11	A Test of a Linear Model of Glaucomatous Structure–Function Loss Reveals Sources of Variability in Retinal Nerve Fiber and Visual Field Measurements. , 2009, 50, 4254.		98
12	Evaluation of Inner Retinal Layers in Eyes With Temporal Hemianopic Visual Loss From Chiasmal Compression Using Optical Coherence Tomography. , 2014, 55, 3328.		76
13	On improving the use of OCT imaging for detecting glaucomatous damage. British Journal of Ophthalmology, 2014, 98, ii1-ii9.	3.9	67
14	Central Glaucomatous Damage of the Macula Can Be Overlooked by Conventional OCT Retinal Nerve Fiber Layer Thickness Analyses. Translational Vision Science and Technology, 2015, 4, 4.	2.2	62
15	Automated segmentation of outer retinal layers in macular OCT images of patients with retinitis pigmentosa. Biomedical Optics Express, 2011, 2, 2493.	2.9	61
16	Method for comparing visual field defects to local RNFL and RGC damage seen on frequency domain OCT in patients with glaucoma. Biomedical Optics Express, 2011, 2, 1097.	2.9	60
17	Reliability of a Computer-Aided Manual Procedure for Segmenting Optical Coherence Tomography Scans. Optometry and Vision Science, 2011, 88, 113-123.	1.2	57
18	Evaluation of the Structure–Function Relationship in Glaucoma Using a Novel Method for Estimating the Number of Retinal Ganglion Cells in the Human Retina. , 2015, 56, 5548.		50

#	Article	IF	Citations
19	A Test of a Model of Glaucomatous Damage of the Macula With High-Density Perimetry: Implications for the Locations of Visual Field Test Points. Translational Vision Science and Technology, 2014, 3, 5.	2.2	43
20	A comparison of retinal nerve fiber layer (RNFL) thickness obtained with frequency and time domain optical coherence tomography (OCT). Optics Express, 2009, 17, 3997.	3.4	41
21	Improving Glaucoma Detection Using Spatially Correspondent Clusters of Damage and by Combining Standard Automated Perimetry and Optical Coherence Tomography. , 2014, 55, 612.		41
22	Modifying the Conventional Visual Field Test Pattern to Improve the Detection of Early Glaucomatous Defects in the Central 10Â°. Translational Vision Science and Technology, 2014, 3, 6.	2.2	36
23	Hypodense Regions (Holes) in the Retinal Nerve Fiber Layer in Frequency-Domain OCT Scans of Glaucoma Patients and Suspects. , 2011, 52, 7180.		32
24	Evaluation of a One-Page Report to Aid in Detecting Glaucomatous Damage. Translational Vision Science and Technology, 2014, 3, 8.	2.2	32
25	The Locations of Circumpapillary Glaucomatous Defects Seen on Frequency-Domain OCT Scans. , 2013, 54, 7338.		27
26	Retinal ganglion cell and inner plexiform layer thickness measurements in regions of severe visual field sensitivity loss in patients with glaucoma. Eye, 2012, 26, 1188-1193.	2.1	26
27	Pattern electroretinogram in neuromyelitis optica and multiple sclerosis with or without optic neuritis and its correlation with FD-OCT and perimetry. Documenta Ophthalmologica, 2013, 127, 201-215.	2.2	26
28	Deriving visual field loss based upon OCT of inner retinal thicknesses of the macula. Biomedical Optics Express, 2011, 2, 1734.	2.9	21
29	Evaluation of a Method for Estimating Retinal Ganglion Cell Counts Using Visual Fields and Optical Coherence Tomography. , 2015, 56, 2254.		17
30	The Association Between Clinical Features Seen on Fundus Photographs and Glaucomatous Damage Detected on Visual Fields and Optical Coherence Tomography Scans. Journal of Glaucoma, 2017, 26, 498-504.	1.6	17
31	Abnormal multifocal ERG findings in patients with normal-appearing retinal anatomy. Documenta Ophthalmologica, 2011, 123, 187-192.	2.2	12
32	Detecting Glaucoma With Visual Fields Derived From Frequency-Domain Optical Coherence Tomography. , 2013, 54, 3289.		11
33	Relationship Between Pattern Electroretinogram, Frequency-Domain OCT, and Automated Perimetry in Chronic Papilledema From Pseudotumor Cerebri Syndrome. , 2015, 56, 3656.		9
34	Beta-zone parapapillary atrophy and multifocal visual evoked potentials in eyes with glaucomatous optic neuropathy. Documenta Ophthalmologica, 2011, 123, 43-50.	2.2	3