# Omar A Al-Louzi

List of Publications by Year
in descending order

| 26 papers | 873 citations | 687220 13 h-index | 642610 23 g-index |
|---|---|---|---|
| 26 all docs | 26 docs citations | 26 times ranked | 1283 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Optical coherence tomography reflects brain atrophy in multiple sclerosis: A four‑year study. Annals of Neurology, 2015, 78, 801-813. | 2.8 | 304 |
| 2 | Disease-modifying therapies modulate retinal atrophy in multiple sclerosis. Neurology, 2017, 88, 525-532. | 1.5 | 73 |
| 3 | Brain and retinal atrophy in African-Americans versus Caucasian-Americans with multiple sclerosis: a longitudinal study. Brain, 2018, 141, 3115-3129. | 3.7 | 67 |
| 4 | *In Vitro* Selection of Modified RNA Aptamers Against CD44 Cancer Stem Cell Marker. Nucleic Acid Therapeutics, 2013, 23, 401-407. | 2.0 | 64 |
| 5 | Automatic segmentation of microcystic macular edema in OCT. Biomedical Optics Express, 2015, 6, 155. | 1.5 | 60 |
| 6 | Retinal damage and vision loss in African American multiple sclerosis patients. Annals of Neurology, 2015, 77, 228-236. | 2.8 | 53 |
| 7 | Outer retinal changes following acute optic neuritis. Multiple Sclerosis Journal, 2016, 22, 362-372. | 1.4 | 53 |
| 8 | Applying an Open-Source Segmentation Algorithm to Different OCT Devices in Multiple Sclerosis Patients and Healthy Controls: Implications for Clinical Trials. Multiple Sclerosis International, 2015, 2015, 1-10. | 0.4 | 35 |
| 9 | BK virus-specific T cells for immunotherapy of progressive multifocal leukoencephalopathy: an open-label, single-cohort pilot study. Lancet Neurology, The, 2021, 20, 639-652. | 4.9 | 24 |
| 10 | Retrograde trans-synaptic visual pathway degeneration in multiple sclerosis: A case series. Multiple Sclerosis Journal, 2017, 23, 1035-1039. | 1.4 | 23 |
| 11 | Utility of optical coherence tomography in the evaluation of sellar and parasellar mass lesions. Current Opinion in Endocrinology, Diabetes and Obesity, 2018, 25, 274-284. | 1.2 | 19 |
| 12 | Central Vein Sign Profile of Newly Developing Lesions in Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, . | 3.1 | 17 |
| 13 | Combined registration and motion correction of longitudinal retinal OCT data. Proceedings of SPIE, 2016, 9784, . | 0.8 | 13 |
| 14 | Simultaneous segmentation of retinal surfaces and microcystic macular edema in SDOCT volumes. Proceedings of SPIE, 2016, 9784, . | 0.8 | 11 |
| 15 | Biopsy-negative PET-positive giant-cell arteritis. Neurology, 2014, 83, 1674-1676. | 1.5 | 9 |
| 16 | Longitudinal graph-based segmentation of macular OCT using fundus alignment. Proceedings of SPIE, 2015, 9413, . | 0.8 | 8 |
| 17 | Voxel based morphometry in optical coherence tomography: validation and core findings. , 2016, 9788, . | | 8 |
| 18 | Navigator-Guided Motion and B0 Correction of T2*-Weighted Magnetic Resonance Imaging Improves Multiple Sclerosis Cortical Lesion Detection. Investigative Radiology, 2021, 56, 409-416. | 3.5 | 8 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Segmentation of microcystic macular edema in Cirrus OCT scans with an exploratory longitudinal study. Proceedings of SPIE, 2015, 9417, . | 0.8 | 7 |
| 20 | Quantitative vibratory sensation measurement is related to sensory cortical thickness in <scp>MS</scp>. Annals of Clinical and Translational Neurology, 2019, 6, 586-595. | 1.7 | 5 |
| 21 | Progressive multifocal leukoencephalopathy lesion and brain parenchymal segmentation from MRI using serial deep convolutional neural networks. NeuroImage: Clinical, 2020, 28, 102499. | 1.4 | 4 |
| 22 | Pathophysiology of Optic Neuritis. , 2016, , 281-309. | | 2 |
| 23 | Characteristics of morphologic macular abnormalities in neuroimmunology practice. Multiple Sclerosis Journal, 2019, 25, 361-371. | 1.4 | 2 |
| 24 | Lesion size and shape in central vein sign assessment for multiple sclerosis diagnosis: An in vivo and postmortem MRI study. Multiple Sclerosis Journal, 2022, 28, 1891-1902. | 1.4 | 2 |
| 25 | Biopsy-negative PET-positive giant-cell arteritis. Neurology, 2015, 85, 743-743. | 1.5 | 1 |
| 26 | A Novel XK Gene Mutation Causative of McLeod Syndrome. Movement Disorders Clinical Practice, 2020, 7, 340-342. | 0.8 | 1 |