

Augustin Lecler

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,563
citations

430874

18
h-index

345221

36
g-index

92
all docs

92
docs citations

92
times ranked

2782
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. <i>Radiology</i> , 2020, 297, E242-E251.	7.3	333
2	Neurologic and neuroimaging findings in patients with COVID-19. <i>Neurology</i> , 2020, 95, e1868-e1882.	1.1	186
3	Gray-level discretization impacts reproducible MRI radiomics texture features. <i>PLoS ONE</i> , 2019, 14, e0213459.	2.5	129
4	TIPIC Syndrome: Beyond the Myth of Carotidynia, a New Distinct Unclassified Entity. <i>American Journal of Neuroradiology</i> , 2017, 38, 1391-1398.	2.4	81
5	Cerebral venous thrombosis associated with COVID-19 infection: Causality or coincidence?. <i>Journal of Neuroradiology</i> , 2021, 48, 121-124.	1.1	70
6	Infraorbital nerve involvement on magnetic resonance imaging in European patients with IgG4-related ophthalmic disease: a specific sign. <i>European Radiology</i> , 2017, 27, 1335-1343.	4.5	41
7	Combining Multiple Magnetic Resonance Imaging Sequences Provides Independent Reproducible Radiomics Features. <i>Scientific Reports</i> , 2019, 9, 2068.	3.3	40
8	DWI-ASPECTS (Diffusion-Weighted Imaging + Alberta Stroke Program Early Computed Tomography) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Thrombectomy Candidates. <i>Stroke</i> , 2018, 49, 223-227.	2.0	35
9	Acute idiopathic optic neuritis: not always benign. <i>European Journal of Neurology</i> , 2018, 25, 1378-1383.	3.3	32
10	Repeatability of apparent diffusion coefficient and intravoxel incoherent motion parameters at 3.0 Tesla in orbital lesions. <i>European Radiology</i> , 2017, 27, 5094-5103.	4.5	29
11	Increased diagnostic accuracy of giant cell arteritis using three-dimensional fat-saturated contrast-enhanced vessel-wall magnetic resonance imaging at 3 T. <i>European Radiology</i> , 2020, 30, 1866-1875.	4.5	29
12	The Central Bright Spot Sign: A Potential New MR Imaging Sign for the Early Diagnosis of Anterior Ischemic Optic Neuropathy due to Giant Cell Arteritis. <i>American Journal of Neuroradiology</i> , 2017, 38, 1411-1415.	2.4	25
13	Three Tesla 3D High-Resolution Vessel Wall MRI of the Orbit may Differentiate Arteritic From Nonarteritic Anterior Ischemic Optic Neuropathy. <i>Investigative Radiology</i> , 2019, 54, 712-718.	6.2	25
14	Diagnosis and Prediction of Relapses in Susac Syndrome: A New Use for MR Postcontrast FLAIR Leptomeningeal Enhancement. <i>American Journal of Neuroradiology</i> , 2019, 40, 1184-1190.	2.4	24
15	Application of the <sc>DAWN</sc> clinical imaging mismatch and <sc>DEFUSE</sc> 3 selection criteria: benefit seems similar but restrictive volume cut-offs might omit potential responders. <i>European Journal of Neurology</i> , 2018, 25, 1093-1099.	3.3	23
16	A Magnetic Resonance Imaging Radiomics Signature to Distinguish Benign From Malignant Orbital Lesions. <i>Investigative Radiology</i> , 2021, 56, 173-180.	6.2	22
17	Magnetic resonance imaging at one year for detection of postoperative residual cholesteatoma in children: Is it too early?. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1268-1274.	1.0	21
18	Clinical, imaging and follow-up study of optic neuritis associated with myelin oligodendrocyte glycoprotein antibody: a multicentre study of 62 adult patients. <i>European Journal of Neurology</i> , 2020, 27, 384-391.	3.3	19

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19	Increased rather than decreased incidence of giant-cell arteritis during the COVID-19 pandemic. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, e89-e89.	0.9	18
20	Ocular MRI Findings in Patients with Severe COVID-19: A Retrospective Multicenter Observational Study. <i>Radiology</i> , 2021, 299, E226-E229.	7.3	18
21	Improved Detection of New MS Lesions during Follow-Up Using an Automated MR Coregistration-Fusion Method. <i>American Journal of Neuroradiology</i> , 2018, 39, 1226-1232.	2.4	17
22	3D PSIR MRI at 3T improves detection of spinal cord lesions in multiple sclerosis. <i>Journal of Neurology</i> , 2020, 267, 406-414.	3.6	17
23	Can we use radiomics in ultrasound imaging? Impact of preprocessing on feature repeatability. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 659-667.	3.2	16
24	Hemorrhagic transformation after stroke: inter- and intrarater agreement. <i>European Journal of Neurology</i> , 2019, 26, 476-482.	3.3	15
25	Usefulness of colour Doppler flow imaging in the management of lacrimal gland lesions. <i>European Radiology</i> , 2017, 27, 779-789.	4.5	14
26	A 3T Phase-Sensitive Inversion Recovery MRI Sequence Improves Detection of Cervical Spinal Cord Lesions and Shows Active Lesions in Patients with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2019, 40, 370-375.	2.4	14
27	Quality-based pharmacokinetic model selection on DCE-MRI for characterizing orbital lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1514-1525.	3.4	14
28	Intravoxel incoherent motion (IVIM) 3T MRI for orbital lesion characterization. <i>European Radiology</i> , 2021, 31, 14-23.	4.5	14
29	Improved detection and characterization of arterial occlusion in acute ischemic stroke using contrast enhanced MRA. <i>Journal of Neuroradiology</i> , 2020, 47, 278-283.	1.1	13
30	Consensus Guidelines of the French Society of Neuroradiology (SFNR) on the use of Gadolinium-Based Contrast agents (GBCAs) and related MRI protocols in Neuroradiology. <i>Journal of Neuroradiology</i> , 2020, 47, 441-449.	1.1	13
31	Rituximab for corticosteroid-resistant relapsing IgG4-related intracranial pachymeningitis: report of two cases. <i>Practical Neurology</i> , 2018, 18, 159-161.	1.1	13
32	Track-weighted imaging for neuroretina: Evaluations in healthy volunteers and ischemic optic neuropathy. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 737-747.	3.4	12
33	High-resolution MRI demonstrates signal abnormalities of the 3rd cranial nerve in giant cell arteritis patients with 3rd cranial nerve impairment. <i>European Radiology</i> , 2021, 31, 4472-4480.	4.5	12
34	Transient perivascular inflammation of the carotid artery (TIPIC) syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2022, 51, 71-77.	1.4	12
35	Multinodular vacuolating and neuronal tumor of the cerebrum. <i>Neurology</i> , 2017, 89, 304-305.	1.1	11
36	Multinodular and Vacuolating Posterior Fossa Lesions of Unknown Significance. <i>American Journal of Neuroradiology</i> , 2019, 40, 1689-1694.	2.4	10

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37	Dixon-T2WI magnetic resonance imaging at 3Âtesla outperforms conventional imaging for thyroid eye disease. <i>European Radiology</i> , 2021, 31, 5198-5205.	4.5	10
38	Discriminating between IgG4-related orbital disease and other causes of orbital inflammation with intra voxel incoherent motion (IVIM) MR imaging at 3T. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 727-734.	3.2	9
39	Validation of a multimodal algorithm for diagnosing giant cell arteritis with imaging. <i>Diagnostic and Interventional Imaging</i> , 2022, 103, 103-110.	3.2	9
40	Multiparametric Imaging Improves Confidence in the Diagnosis of Multinodular and Vacuolating Neuronal Tumor of the Cerebrum. <i>American Journal of Neuroradiology</i> , 2018, 39, E32-E33.	2.4	7
41	Optic Nerve Meningioma Mimicking Cavernous Hemangioma. <i>World Neurosurgery</i> , 2018, 110, 301-302.	1.3	7
42	Teaching NeuroImages: Morning glory disc anomaly. <i>Neurology</i> , 2018, 91, e1457-e1458.	1.1	7
43	Improving Detection of Multiple Sclerosis Lesions in the Posterior Fossa Using an Optimized 3D-FLAIR Sequence at 3T. <i>American Journal of Neuroradiology</i> , 2019, 40, 1170-1176.	2.4	7
44	Advanced multiparametric magnetic resonance imaging of multinodular and vacuolating neuronal tumor. <i>European Journal of Neurology</i> , 2020, 27, 1561-1569.	3.3	7
45	Introduction of the TIPIC syndrome in the next ICHD classification. <i>Cephalalgia</i> , 2019, 39, 164-165.	3.9	6
46	Early diffusion-weighted MRI at 3 Tesla detects ischemic changes of the optic nerve in anterior ischemic optic neuropathy. <i>European Radiology</i> , 2022, 32, 3588-3596.	4.5	6
47	Retrolaminar and Chiasmal Silicone Oil Migration. <i>Ophthalmology</i> , 2019, 126, 1305.	5.2	5
48	Visual assessment of diffusion weighted imaging infarct volume lacks accuracy and reliability. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 947-954.	3.3	5
49	Efficacy and Safety of Proton Beam Therapy for Primary Optic Nerve Sheath Meningioma. <i>Eye and Brain</i> , 2021, Volume 13, 219-229.	2.5	5
50	Lacrimal Gland Ischemia due to Giant Cell Arteritis. <i>Ophthalmology</i> , 2018, 125, 1233.	5.2	4
51	Abnormal MRI findings of the orbital or visual pathways in patients with severe COVID-19: Observations from the French multicenter COVID-19 cohort. <i>Journal of Neuroradiology</i> , 2021, 48, 331-336.	1.1	4
52	Prospective longitudinal study on prognostic factors of visual recovery and structural change after a first episode of optic neuritis. <i>European Journal of Neurology</i> , 2022, 29, 2781-2791.	3.3	4
53	Breast tissue density change after oophorectomy in BRCA mutation carrier patients using visual & volumetric analysis. <i>British Journal of Radiology</i> , 2018, 91, 20170163.	2.2	3
54	Open Globe Injury: Ultrasound First!. <i>American Journal of Neuroradiology</i> , 2017, 38, E99-E100.	2.4	3

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55	Remote brain microhaemorrhages may predict haematoma in glioma patients treated with radiation therapy. <i>European Radiology</i> , 2018, 28, 4324-4333.	4.5	3
56	Traumatic Optic Nerve Transection. <i>JAMA Ophthalmology</i> , 2018, 136, e180490.	2.5	3
57	Optimizing 3D FLAIR to detect MS lesions: pushing past factory settings for precise results. <i>Journal of Neurology</i> , 2019, 266, 2786-2795.	3.6	3
58	Neurologic Involvement of Patients with Coronavirus Disease 2019: Making the Most of MRI. <i>Radiology</i> , 2020, 297, E239-E239.	7.3	3
59	Diagnostic accuracy of Quantitative Colour Doppler Flow imaging in distinguishing Persistent Fetal Vasculature from Retinal Detachment. <i>Acta Ophthalmologica</i> , 2021, , .	1.1	3
60	3D-Fast Gray Matter Acquisition with Phase Sensitive Inversion Recovery Magnetic Resonance Imaging at 3 Tesla: Application for detection of spinal cord lesions in patients with multiple sclerosis. <i>PLoS ONE</i> , 2021, 16, e0247813.	2.5	3
61	Giant cell arteritis with ocular involvement successfully treated with tocilizumab and very short-course glucocorticoids: A case report. <i>Journal Francais D'Ophtalmologie</i> , 2021, 44, 481-484.	0.4	3
62	TIPIC syndrome. <i>Neurology</i> , 2017, 89, 1646-1647.	1.1	2
63	Teaching NeuroImages: A diffuse infiltrating retinoblastoma. <i>Neurology</i> , 2018, 90, e357-e358.	1.1	2
64	Infraorbital Nerve Involvement on Magnetic Resonance Imaging in Igg4-Related Ophthalmic Disease: A Highly Suggestive Sign. <i>Ophthalmology</i> , 2018, 125, 577.	5.2	2
65	MRI and ultrasonography are useful tools for a non-invasive diagnosis of IgG4-related disease. <i>Annals of the Rheumatic Diseases</i> , 2020, , annrheumdis-2020-217352.	0.9	2
66	Color-doppler Flow Imaging Might Help Diagnose Optic Nerve Glioma. <i>Ophthalmology</i> , 2021, 128, 392.	5.2	2
67	Increasing the Accuracy of Optic Nerve Measurement Using 3D Volumetry. <i>American Journal of Neuroradiology</i> , 2018, 39, E80-E80.	2.4	1
68	Re: Chang etÂal.: Accuracy of diagnostic imaging modalities for classifying pediatric eyes as papilledema versus pseudopapilledema (<i>Ophthalmology</i> . 2017;124:1839-1848). <i>Ophthalmology</i> , 2018, 125, e23.	5.2	1
69	Transient Perivascular Inflammation of the Carotid artery syndrome: TIPIC, a new clinical entity that must be recognised by ENT surgeons. <i>European Annals of Otorhinolaryngology, Head and Neck Diseases</i> , 2020, 137, 87-88.	0.7	1
70	Expanding diagnostic tools for dysthyroid optic neuropathy: how quantitative MRI can be used to visualize and measure orbital inflammation. <i>European Radiology</i> , 2021, 31, 7417-7418.	4.5	1
71	Comparison between 7 Tesla and 3 Tesla MRI for characterizing orbital lesions. <i>Diagnostic and Interventional Imaging</i> , 2022, 103, 433-439.	3.2	1
72	Response to characterization of orbital masses by multiparametric MRI. <i>European Journal of Radiology</i> , 2016, 85, 1686-1687.	2.6	0

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73	Coregistration and Fusion: An Easy and Reliable Method for Identifying Cranial Nerve IV on MRI. American Journal of Neuroradiology, 2017, 38, E81-E82.	2.4	0
74	Atypical intracranial artifacts caused by dreadlocks during brain Magnetic Resonance Imaging: Keep calm and recognize them. Journal of Neuroradiology, 2017, 44, 57-62.	1.1	0
75	In Response to the Letter to the Editor Regarding "Optic Nerve Meningioma Mimicking Cavernous Hemangioma". World Neurosurgery, 2018, 111, 436.	1.3	0
76	Quality-Control Assessment to Improve the Accuracy of Dynamic Contrast-Enhanced MR Imaging Perfusion. American Journal of Neuroradiology, 2018, 39, E107-E107.	2.4	0
77	Blood-Brain Barrier Permeability in Patients with Systemic Lupus Erythematosus. American Journal of Neuroradiology, 2019, 40, E41-E41.	2.4	0
78	Re: Vahdani et al.: Presentation and treatment of deep orbital dermoid cysts. (Ophthalmology. 2020 Mar) 127, e60-e61.	5.2	0
79	Comment je fais une IRM des orbites?. Journal D'imagerie Diagnostique Et Interventionnelle, 2020, 3, 174-180.	0.0	0
80	Ocular MR Imaging as a Substitute for Ultrasound during the COVID-19 Pandemic. American Journal of Neuroradiology, 2020, 41, E95-E96.	2.4	0
81	TIPIC syndrome ou inflammation pŕi vasculaire transitoire de l'artŕe carotide: une nouvelle entitŕ clinique que l'ORL doit reconnaitre TIPIC. Annales Francaises D'Oto-Rhino-Laryngologie Et De Pathologie Cervico-Faciale, 2020, 137, 85-86.	0.0	0
82	Author response: Teaching NeuroImages: Morning glory disc anomaly. Neurology, 2020, 94, 332-332.	1.1	0
83	Optic Nerve Cavernous Venous Malformation. Neurology, 2021, 96, 31-32.	1.1	0
84	Post-traumatic retained foreign body in the cavernous sinus. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2021, 23, 100959.	0.3	0
85	E-166...External validation of dawn: benefit seems similar but restrictive selection criteria might omit potential responders. , 2018, ,		0
86	An Unusual Case of Perineural Infiltration and Orbital Invasion of Squamous Cell Carcinoma Associated with Actinic Keratosis. Case Reports in Ophthalmological Medicine, 2020, 2020, 1-3.	0.5	0
87	Dynamic contrast enhanced MRI efficiency in detecting embolization-induced perfusion defects in a rabbit model of critical-limb-ischemia. Magnetic Resonance Imaging, 2022, 87, 88-96.	1.8	0
88	Use of Retinal Angiography and MRI in the Diagnosis of Giant Cell Arteritis With Early Ophthalmic Manifestations. Journal of Neuro-Ophthalmology, 2022, Publish Ahead of Print, .	0.8	0
89	Functional Analysis of the Central Retinal Artery Using MRI or US. Radiology, 0, , .	7.3	0