

Augustin Lecler

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,563
citations

489802

18
h-index

388640

36
g-index

92
all docs

92
docs citations

92
times ranked

2918
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a multimodal algorithm for diagnosing giant cell arteritis with imaging. <i>Diagnostic and Interventional Imaging</i> , 2022, 103, 103-110.	1.8	9
2	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.	2.3	6
3	Dynamic contrast enhanced " MRI efficiency in detecting embolization-induced perfusion defects in a rabbit model of critical-limb-ischemia. <i>Magnetic Resonance Imaging</i> , 2022, 87, 88-96.	1.0	0
4	Use of Retinal Angiography and MRI in the Diagnosis of Giant Cell Arteritis With Early Ophthalmic Manifestations. <i>Journal of Neuro-Ophthalmology</i> , 2022, Publish Ahead of Print, .	0.4	0
5	Transient perivascular inflammation of the carotid artery (TIPIC) syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2022, 51, 71-77.	0.6	12
6	Comparison between 7 Tesla and 3 Tesla MRI for characterizing orbital lesions. <i>Diagnostic and Interventional Imaging</i> , 2022, 103, 433-439.	1.8	1
7	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.	1.7	4
8	Cerebral venous thrombosis associated with COVID-19 infection: Causality or coincidence?. <i>Journal of Neuroradiology</i> , 2021, 48, 121-124.	0.6	70
9	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.	0.5	18
10	Intravoxel incoherent motion (IVIM) 3T MRI for orbital lesion characterization. <i>European Radiology</i> , 2021, 31, 14-23.	2.3	14
11	Optic Nerve Cavernous Venous Malformation. <i>Neurology</i> , 2021, 96, 31-32.	1.5	0
12	Post-traumatic retained foreign body in the cavernous sinus. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 23, 100959.	0.2	0
13	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.	2.3	12
14	Dixon-T2WI magnetic resonance imaging at 3Tesla outperforms conventional imaging for thyroid eye disease. <i>European Radiology</i> , 2021, 31, 5198-5205.	2.3	10
15	Diagnostic accuracy of Quantitative Colour Doppler Flow imaging in distinguishing Persistent Fetal Vasculature from Retinal Detachment. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	3
16	Color-doppler Flow Imaging Might Help Diagnose Optic Nerve Glioma. <i>Ophthalmology</i> , 2021, 128, 392.	2.5	2
17	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.	1.1	3
18	Giant cell arteritis with ocular involvement successfully treated with tocilizumab and very short-course glucocorticoids: A case report. <i>Journal Francais D'Ophthalmologie</i> , 2021, 44, 481-484.	0.2	3

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19	Ocular MRI Findings in Patients with Severe COVID-19: A Retrospective Multicenter Observational Study. <i>Radiology</i> , 2021, 299, E226-E229.	3.6	18
20	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.	2.3	1
21	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.	1.8	9
22	Efficacy and Safety of Proton Beam Therapy for Primary Optic Nerve Sheath Meningioma. <i>Eye and Brain</i> , 2021, Volume 13, 219-229.	3.8	5
23	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.	0.6	4
24	Can we use radiomics in ultrasound imaging? Impact of preprocessing on feature repeatability. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 659-667.	1.8	16
25	A Magnetic Resonance Imaging Radiomics Signature to Distinguish Benign From Malignant Orbital Lesions. <i>Investigative Radiology</i> , 2021, 56, 173-180.	3.5	22
26	Improved detection and characterization of arterial occlusion in acute ischemic stroke using contrast enhanced MRA. <i>Journal of Neuroradiology</i> , 2020, 47, 278-283.	0.6	13
27	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.	1.7	19
28	3D PSIR MRI at 3 Tesla improves detection of spinal cord lesions in multiple sclerosis. <i>Journal of Neurology</i> , 2020, 267, 406-414.	1.8	17
29	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.	0.4	1
30	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.	2.3	29
31	Neurologic and neuroimaging findings in patients with COVID-19. <i>Neurology</i> , 2020, 95, e1868-e1882.	1.5	186
32	Re: Vahdani et al.: Presentation and treatment of deep orbital dermoid cysts. (<i>Ophthalmology</i> . 2020 Mar) <i>Tj ETQq0 0 0 rgBT /Overlock</i> 127, e60-e61.	2.5	0
33	Comment je fais une IRM des orbites?. <i>Journal D'imagerie Diagnostique Et Interventionnelle</i> , 2020, 3, 174-180.	0.0	0
34	Ocular MR Imaging as a Substitute for Ultrasound during the COVID-19 Pandemic. <i>American Journal of Neuroradiology</i> , 2020, 41, E95-E96.	1.2	0
35	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.	0.5	2
36	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. <i>Radiology</i> , 2020, 297, E242-E251.	3.6	333

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37	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.	0.6	13
38	Neurologic Involvement of Patients with Coronavirus Disease 2019: Making the Most of MRI. <i>Radiology</i> , 2020, 297, E239-E239.	3.6	3
39	TIPIC syndrome ou inflammation pÃ©ri vasculaire transitoire de lâ€™artÃ©re carotideÃ: une nouvelle entitÃ© clinique que lâ€™ORL doit reconnaître TIPIC. <i>Annales Francaises D'Oto-Rhino-Laryngologie Et De Pathologie Cervico-Faciale</i> , 2020, 137, 85-86.	0.0	0
40	Author response: Teaching NeuroImages: Morning glory disc anomaly. <i>Neurology</i> , 2020, 94, 332-332.	1.5	0
41	Advanced multiparametric magnetic resonance imaging of multinodular and vacuolating neuronal tumor. <i>European Journal of Neurology</i> , 2020, 27, 1561-1569.	1.7	7
42	An Unusual Case of Perineural Infiltration and Orbital Invasion of Squamous Cell Carcinoma Associated with Actinic Keratosis. <i>Case Reports in Ophthalmological Medicine</i> , 2020, 2020, 1-3.	0.3	0
43	Introduction of the TIPIC syndrome in the next ICHD classification. <i>Cephalalgia</i> , 2019, 39, 164-165.	1.8	6
44	Optimizing 3D FLAIR to detect MS lesions: pushing past factory settings for precise results. <i>Journal of Neurology</i> , 2019, 266, 2786-2795.	1.8	3
45	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.	1.2	7
46	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.	1.2	24
47	Blood-Brain Barrier Permeability in Patients with Systemic Lupus Erythematosus. <i>American Journal of Neuroradiology</i> , 2019, 40, E41-E41.	1.2	0
48	Retrolaminar and Chiasmal Silicone Oil Migration. <i>Ophthalmology</i> , 2019, 126, 1305.	2.5	5
49	Multinodular and Vacuolating Posterior Fossa Lesions of Unknown Significance. <i>American Journal of Neuroradiology</i> , 2019, 40, 1689-1694.	1.2	10
50	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.	1.2	14
51	Visual assessment of diffusion weighted imaging infarct volume lacks accuracy and reliability. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 947-954.	2.0	5
52	Quality-based pharmacokinetic model selection on DCE-MRI for characterizing orbital lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1514-1525.	1.9	14
53	Gray-level discretization impacts reproducible MRI radiomics texture features. <i>PLoS ONE</i> , 2019, 14, e0213459.	1.1	129
54	Combining Multiple Magnetic Resonance Imaging Sequences Provides Independent Reproducible Radiomics Features. <i>Scientific Reports</i> , 2019, 9, 2068.	1.6	40

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55	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.	3.5	25
56	Hemorrhagic transformation after stroke: inter- and intrarater agreement. <i>European Journal of Neurology</i> , 2019, 26, 476-482.	1.7	15
57	Breast tissue density change after oophorectomy in BRCA mutation carrier patients using visual & volumetric analysis. <i>British Journal of Radiology</i> , 2018, 91, 20170163.	1.0	3
58	Increasing the Accuracy of Optic Nerve Measurement Using 3D Volumetry. <i>American Journal of Neuroradiology</i> , 2018, 39, E80-E80.	1.2	1
59	Remote brain microhaemorrhages may predict haematoma in glioma patients treated with radiation therapy. <i>European Radiology</i> , 2018, 28, 4324-4333.	2.3	3
60	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.	1.7	23
61	Teaching NeuroImages: A diffuse infiltrating retinoblastoma. <i>Neurology</i> , 2018, 90, e357-e358.	1.5	2
62	In Response to the Letter to the Editor Regarding "Optic Nerve Meningioma Mimicking Cavernous Hemangioma". <i>World Neurosurgery</i> , 2018, 111, 436.	0.7	0
63	Track-weighted imaging for neuroretina: Evaluations in healthy volunteers and ischemic optic neuropathy. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 737-747.	1.9	12
64	Re: Chang et al.: 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.	2.5	1
65	Infraorbital Nerve Involvement on Magnetic Resonance Imaging in Igg4-Related Ophthalmic Disease: A Highly Suggestive Sign. <i>Ophthalmology</i> , 2018, 125, 577.	2.5	2
66	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.	1.2	7
67	DWI-ASPECTS (Diffusion-Weighted Imaging "Alberta Stroke Program Early Computed Tomography) Tj ETQq1 1 0.784314 rgBT /Over Thrombectomy Candidates. <i>Stroke</i> , 2018, 49, 223-227.	1.0	35
68	Optic Nerve Meningioma Mimicking Cavernous Hemangioma. <i>World Neurosurgery</i> , 2018, 110, 301-302.	0.7	7
69	Quality-Control Assessment to Improve the Accuracy of Dynamic Contrast-Enhanced MR Imaging Perfusion. <i>American Journal of Neuroradiology</i> , 2018, 39, E107-E107.	1.2	0
70	Teaching NeuroImages: Morning glory disc anomaly. <i>Neurology</i> , 2018, 91, e1457-e1458.	1.5	7
71	Lacrimal Gland Ischemia due to Giant Cell Arteritis. <i>Ophthalmology</i> , 2018, 125, 1233.	2.5	4
72	Acute idiopathic optic neuritis: not always benign. <i>European Journal of Neurology</i> , 2018, 25, 1378-1383.	1.7	32

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73	Traumatic Optic Nerve Transection. JAMA Ophthalmology, 2018, 136, e180490.	1.4	3
74	Improved Detection of New MS Lesions during Follow-Up Using an Automated MR Coregistration-Fusion Method. American Journal of Neuroradiology, 2018, 39, 1226-1232.	1.2	17
75	Rituximab for corticosteroid-resistant relapsing IgG4-related intracranial pachymeningitis: report of two cases. Practical Neurology, 2018, 18, 159-161.	0.5	13
76	E-166â€¦External validation of dawn: benefit seems similar but restrictive selection criteria might omit potential responders. , 2018, , .		0
77	Usefulness of colour Doppler flow imaging in the management of lacrimal gland lesions. European Radiology, 2017, 27, 779-789.	2.3	14
78	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. American Journal of Neuroradiology, 2017, 38, 1411-1415.	1.2	25
79	TIPIC Syndrome: Beyond the Myth of Carotidynia, a New Distinct Unclassified Entity. American Journal of Neuroradiology, 2017, 38, 1391-1398.	1.2	81
80	TIPIC syndrome. Neurology, 2017, 89, 1646-1647.	1.5	2
81	Multinodular vacuolating and neuronal tumor of the cerebrum. Neurology, 2017, 89, 304-305.	1.5	11
82	Open Globe Injury: Ultrasound First!. American Journal of Neuroradiology, 2017, 38, E99-E100.	1.2	3
83	Coregistration and Fusion: An Easy and Reliable Method for Identifying Cranial Nerve IV on MRI. American Journal of Neuroradiology, 2017, 38, E81-E82.	1.2	0
84	Repeatability of apparent diffusion coefficient and intravoxel incoherent motion parameters at 3.0 Tesla in orbital lesions. European Radiology, 2017, 27, 5094-5103.	2.3	29
85	Atypical intracranial artifacts caused by dreadlocks during brain Magnetic Resonance Imaging: Keep calm and recognize them. Journal of Neuroradiology, 2017, 44, 57-62.	0.6	0
86	Infraorbital nerve involvement on magnetic resonance imaging in European patients with IgG4-related ophthalmic disease: a specific sign. European Radiology, 2017, 27, 1335-1343.	2.3	41
87	Response to characterization of orbital masses by multiparametric MRI. European Journal of Radiology, 2016, 85, 1686-1687.	1.2	0
88	Magnetic resonance imaging at one year for detection of postoperative residual cholesteatoma in children: Is it too early?. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 1268-1274.	0.4	21
89	Functional Analysis of the Central Retinal Artery Using MRI or US. Radiology, 0, , .	3.6	0