



Axe de recherche neurologie, santé mentale & handicap

Sélection de publications

Pierre Wertheimer

Caroline Froment/ Virginie Desestret: [neuro-cognition-et-neuro-ophtalmologie](#)

1-Oertel FC, ..., Tilikete C, .. Havla J; with the GJCF International Clinical Consortium for NMOSD and the CROCTINO study group. Longitudinal Retinal Changes in MOGAD. Ann Neurol. 2022 Jun 15.

2-Cheviet A, Masselink J, Koun E, Salemme R, Lappe M, Froment-Tilikete C, Pélisson D. Cerebellar Signals Drive Motor Adjustments and Visual Perceptual Changes during Forward and Backward Adaptation of Reactive Saccades. Cereb Cortex. 2022 Jan 4

3-Dupré M, Hermann R, Froment Tilikete C. Update on Cerebellar Ataxia with Neuropathy and Bilateral Vestibular Areflexia Syndrome (CANVAS). Cerebellum. 2021 Oct;20(5):687-700.

4-Is the bedside head impulse test useful in emergency decision making for nonexpert routine clinical practice? Froment Tilikete C. Eur J Neurol. 2021 May;28(5):1437-1438

5-Blini E, Tilikete C, Chelazzi L, Farnè A, Hadj-Bouziane F. The role of the vestibular system in value attribution to positive and negative reinforcers. Cortex. 2020 Dec;133:215-235.

6-Nerrant E, Abouaf L, Pollet-Villard F, Vie AL, Vukusic S, Berthiller J, Colombet B, Vighetto A, Tilikete C. Gabapentin and Memantine for Treatment of Acquired Pendular Nystagmus: Effects on Visual Outcomes. J Neuroophthalmol. 2020 Jun;40(2):198-206.

7-Ronsin S, Hannoun S, Thobois S, Petiot P, Vighetto A, Cotton F, Tilikete C. A new MRI marker of ataxia with oculomotor apraxia. Eur J Radiol. 2019 Jan;110:187-192.

8-Hermann R, Ionescu EC, Dumas O, Tringali S, Truy E, Tilikete C. Bilateral Vestibulopathy: Vestibular Function, Dynamic Visual Acuity and Functional Impact. Front Neurol. 2018 Jul 10;9:555.

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10-Tilikete C, Desestret V. Hypertrophic Olivary Degeneration and Palatal or Oculopalatal Tremor. *Front Neurol.* 2017 Jun 29;8:302.

Sandra Vukusic & Romain Marignier* : [Sclérose en Plaque, Pathologies de la Myéline et Neuro-inflammation](#)

1-Rollot F, Couturier J, Casey R, Wiertlewski S, Debouverie M, Pelletier J, De Sèze J, Labauge P, Ruet A, Thouvenot E, Ciron J, Berger E, Gout O, Clavelou P, Stankoff B, Casez O, Bourre B, Zephir H, Moreau T, Lebrun-Frenay C, Maillart E, Edan G, Neau JP, Montcuquet A, Cabre P, Camdessanché JP, Defer G, Nasr HB, Maurousset A, Hankiewicz K, Pottier C, Leray E, Vukusic S, Laplaud DA. Comparative Effectiveness of Natalizumab Versus Anti-CD20 in Highly Active Relapsing-Remitting Multiple Sclerosis After Fingolimod Withdrawal. *Neurotherapeutics.* 2022 Feb 25.

2-Papeix C, Castelnovo G, Leray E, Coustans M, Levy P, Visy JM, Kobelt G, Lamy F, Allaf B, Heintzmann F, Chouette I, Raponi E, Durand B, Grevat E, Kamar D, Debouverie M, Lebrun-Frenay C; Virgile Study Group. Long-Term Effectiveness, Safety and Tolerability of Fingolimod in Patients with Multiple Sclerosis in Real-World Treatment Settings in France: The VIRGILE Study. *Neurol Ther.* 2022 Feb 11.

3-Chitnis T, Banwell B, Kappos L, Arnold DL, Gücüyener K, Deiva K, Skripchenko N, Cui LY, Saubadu S, Hu W, Benamor M, Le-Halpere A, Truffinet P, Tardieu M; TERIKIDS Investigators. Safety and efficacy of teriflunomide in paediatric multiple sclerosis (TERIKIDS): a multicentre, double-blind, phase 3, randomised, placebo-controlled trial. *Lancet Neurol.* 2021 Dec;20(12):1001-1011

4-Lebrun-Frény C, Rollot F, Mondot L, Zephir H, Louapre C, Le Page E, Durand-Dubief F, Labauge P, Bensa C, Thouvenot E, Laplaud D, de Seze J, Ciron J, Bourre B, Cabre P, Casez O, Ruet A, Mathey G, Berger E, Moreau T, Al Khedr A, Derache N, Clavelou P, Guennoc AM, Créange A, Neau JP, Tourbah A, Camdessanché JP, Maarouf A, Callier C, Vermersch P, Kantarci O, Siva A, Azevedo C, Makhani N, Cohen M, Pelletier D, Okuda D, Vukusic S; RISC, SFSEP, and OFSEP Investigators. Risk Factors and Time to Clinical Symptoms of Multiple Sclerosis Among Patients With Radiologically Isolated Syndrome. *JAMA Netw Open.* 2021 Oct 1;4(10):e2128271.

5-Commowick O, Kain M, Casey R, Ameli R, Ferré JC, Kerbrat A, Tourdias T, Cervenansky F, Camarasu-Pop S, Glatard T, Vukusic S, Edan G, Barillot C, Dojat M, Cotton F. Multiple sclerosis lesions segmentation from multiple experts: The MICCAI 2016 challenge dataset. *Neuroimage.* 2021 Dec 1;244:118589. doi: 10.1016/j.neuroimage.2021.118589

6-Marignier R, Hacohen Y, Cobo-Calvo A, Pröbstel AK, Aktas O, Alexopoulos H, Amato MP, Asgari N, Banwell B, Bennett J, Brilot F, Capobianco M, Chitnis T, Ciccarelli O, Deiva K, De Sèze J, Fujihara K, Jacob A, Kim HJ, Kleiter I, Lassmann H, Leite MI, Lington C, Meinl E, Palace J, Paul F, Petzold A, Pittock S, Reindl M, Sato DK, Selmaj K, Siva A, Stankoff B, Tintore M, Traboulsee A, Waters P, Waubant E, Weinshenker B, Derfuss T, Vukusic S, Hemmer B. Myelin-oligodendrocyte glycoprotein antibody-associated disease. *Lancet Neurol.* 2021 Sep;20(9):762-772. doi: 10.1016/S1474-4422(21)00218-0. Erratum in: *Lancet Neurol.*

7-Ostkamp P, Salmen A, Pignolet B, Görlich D, Andlauer TFM, Schulte-Mecklenbeck A, Gonzalez-Escamilla G, Bucciarelli F, Gennero I, Breuer J, Antony G, Schneider-Hohendorf T, Mykicky N, Bayas A, Then Bergh F, Bittner S, Hartung HP, Friese MA, Linker RA, Luessi F, Lehmann-Horn K, Mühlau M, Paul F, Stangel M, Tackenberg B, Tumani H, Warnke C, Weber F, Wildemann B, Zettl UK, Ziemann U, Müller-Myhsok B, Kümpfel T, Klotz L, Meuth SG, Zipp F, Hemmer B, Hohlfeld R, Brassat D, Gold R, Gross CC, Lukas C, Groppa S, Loser K, Wiendl H, Schwab N; German Competence Network Multiple Sclerosis (KKNMS) and the BIONAT Network. Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. *Proc Natl Acad Sci U S A*. 2021 Jan 5;118(1):e2018457118

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12-Lu A, Zimmermann HG, Specovius S, Motamedi S, Chien C, Bereuter C, Lana-Peixoto MA, Fontenelle MA, Ashtari F, Kafieh R, Dehghani A, Pourazizi M, Pandit L, D'Cunha A, Kim HJ, Hyun JW, Jung SK, Leocani L, Pisa M, Radaelli M, Siritho S, May EF, Tongco C, De Sèze J, Senger T, Palace J, Roca-Fernández A, Leite MI, Sharma SM, Stiebel-Kalish H, Asgari N, Soelberg KK, Martinez-Lapiscina EH, Havla J, Mao-Draayer Y, Rimler Z, Reid A, Marignier R, Cobo-Calvo A, Altintas A, Tanriverdi U, Yildirim R, Aktas O, Ringelstein M, Albrecht P, Tavares IM, Bichuetti DB, Jacob A, Huda S, Soto de Castillo I, Petzold A, Green AJ, Yeaman MR, Smith TJ, Cook L, Paul F, Brandt AU, Oertel FC; GJCF International Clinical Consortium for NMO/MS. Astrocytic outer retinal layer thinning is not a feature in AQP4-IgG seropositive neuromyelitis optica spectrum disorders. *J Neurol Neurosurg Psychiatry*. 2022 Feb;93(2):188-195.

13-Marignier R, Hacohen Y, Cobo-Calvo A, Pröbstel AK, Aktas O, Alexopoulos H, Amato MP, Asgari N, Banwell B, Bennett J, Brilot F, Capobianco M, Chitnis T, Ciccarelli O, Deiva K, De Sèze J, Fujihara K, Jacob A, Kim HJ, Kleiter I, Lassmann H, Leite MI, Lington C, Meinl E, Palace J, Paul

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15-Aktas O, Smith MA, Rees WA, Bennett JL, She D, Katz E, Cree BAC; N-MOMentum scientific group and the N-MOMentum study investigators. Serum Glial Fibrillary Acidic Protein: A Neuromyelitis Optica Spectrum Disorder Biomarker. *Ann Neurol*. 2021 May;89(5):895-910.

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19-Richard C, Ruiz A, Cavagna S, Bigotte M, Vukusic S, Masaki K, Suenaga T, Kira JI, Giraudon P, Marignier R. Connexins in neuromyelitis optica: a link between astrocytopathy and demyelination. *Brain*. 2020 Sep 1;143(9):2721-2732.

Stéphane Thobois* : [neurologie des troubles-du-mouvement-et-pathologies-neuromusculaires](#)

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2-Prange S, Metereau E, Maillet A, Klinger H, Schmitt E, Lhommée E, Bichon A, Lancelot S, Meoni S, Broussolle E, Castrioto A, Tremblay L, Krack P, Thobois S. Limbic Serotonergic Plasticity Contributes to the Compensation of Apathy in Early Parkinson's Disease. *Mov Disord*. 2022

3-Coarelli G, Heinzmann A, Ewenczyk C, Fischer C, Chupin M, Monin ML, Hurmic H, Calvas F, Calvas P, Goizet C, Thobois S, Anheim M, Nguyen K, Devos D, Verny C, Ricigliano VAG, Mangin JF, Brice A, Tezenas du Montcel S, Durr A. Safety and efficacy of riluzole in spinocerebellar ataxia type 2 in France (ATRIL): a multicentre, randomised, double-blind, placebo-controlled trial. *Lancet Neurol*. 2022 Mar;21(3):225-233.

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Sylvain Rheims & Nathalie André Obadia* : [neurologie-fonctionnelle et epileptologie](#)

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- 2-Ryvlin P, Rheims S, Hirsch LJ, Sokolov A, Jehi L. Neuromodulation in epilepsy: state-of-the-art approved therapies. *Lancet Neurol.* 2021 Dec;20(12):1038-1047. doi: 10.1016/S1474-4422(21)00300-8. Epub 2021 Oct 25. Erratum in: *Lancet Neurol.* 2021 Dec;20(12):e7.
- 3-Ruby P, Eskinazi M, Bouet R, Rheims S, Peter-Derex L. Dynamics of hippocampus and orbitofrontal cortex activity during arousing reactions from sleep: An intracranial electroencephalographic study. *Hum Brain Mapp.* 2021 Nov;42(16):5188-5203.
- 4-Gabeff V, Teijeiro T, Zapater M, Cammoun L, Rheims S, Ryvlin P, Atienza D. Interpreting deep learning models for epileptic seizure detection on EEG signals. *Artif Intell Med.* 2021 Jul;117:102084.
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- 6-Rheims S, Auvin S. Attention deficit/hyperactivity disorder and epilepsy. *Curr Opin Neurol.* 2021 Apr 1;34(2):219-225.
- 7-Domenech P, Rheims S, Koechlin E. Neural mechanisms resolving exploitation-exploration dilemmas in the medial prefrontal cortex. *Science.* 2020 Aug 28;369(6507):eabb0184.
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- 9-Le Maréchal M, Mailles A, Seigneurin A, Tattevin P, Stahl JP, Épaulard O; Scientific Committee and Investigators Group. A Prospective Cohort Study to Identify Clinical, Biological, and Imaging Features That Predict the Etiology of Acute Encephalitis. *Clin Infect Dis.* 2021 Jul 15;73(2):264-270.
- 10-Lopez-Persem A, Bastin J, Petton M, Abitbol R, Lehongre K, Adam C, Navarro V, Rheims S, Kahane P, Domenech P, Pessiglione M. Four core properties of the human brain valuation system demonstrated in intracranial signals. *Nat Neurosci.* 2020 May;23(5):664-675.
- 11-Dauleac C, Messerer R, Obadia-Andre N, Afathi M, Barrey CY. Cysts associated with intramedullary ependymomas of the spinal cord: clinical, MRI and oncological features. *J Neurooncol.* 2019 Sep;144(2):385-391.

Tae-Hee Cho & Laura Mechtouff: [neurologie-vasculaire](#)

1-A Bani-Sadr; TH Cho; M Cappucci; M Hermier; R Ameli; A Filip; R Riva; t Derex; C Bourguignon; L Mechtouff; O Eker; N Nighoghossian; Y Berthezene. Assessment of three MR Perfusion Software Packages in Predicting Final Infarct Volume after Mechanical Thrombectomy. *J Neurointerv Surg* 2022 Mar 22:neurintsurg-2022-018674. doi: 10.1136.

2-A Bani-Sadr ; M Aguilera ; M Cappucci; M Hermier; R Ameli ; A Filip; R Riva ; C Tuttle; T Cho; N Nighoghossian; O F Eker; Y Berthezene. Comparison of magnetic resonance angiography techniques to brain digital subtraction arteriography in the setting of mechanical thrombectomy: A non-inferiority study. *Rev Neurol* . 2022 Feb 8:S0035-3787(22)00040-6. doi: 10.1016/j.neurol.2021.12.009

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Jérôme Honnorat/ François Ducray* : [neuro-oncologie médicale](#)

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