

Heslot, C ; Schnitzler, A ; Houot, M ; Facque, V ; Tarpin-Bernard, F ; Jeulin, M & al , *Cog-First: standardization of a tablet-based self-administered cognitive screening.*, **Eur J Phys Rehabil Med**, 2025, 61, 229-238

Nataf, F ; Scher, N ; Bollet, M ; Mulier, G ; Birladeanu, A ; Sopanda, L & al , *Improving methodology of radiosurgery for posterior fossa cavernomas: higher volume, lower dose.*, **Acta Neurochir (Wien)**, 2025, 167, 29

Majewska, P ; Holden Helland, R ; Ferles, A ; Pedersen, A ; Kommers, I ; Ardon, H & al , *Prognostic value of manual versus automatic methods for assessing extents of resection and residual tumor volume in glioblastoma.*, **J Neurosurg**, 2025, 142, 1298-1306

Darlix, A ; Preusser, M ; Hervey-Jumper, SL ; Shih, HA ; Mandonnet, E ; Taylor, JW , *Who will benefit from vorasidenib? Review of data from the literature and open questions.*, **Neurooncol Pract**, 2025, 12, i6-i18

Mandonnet, V ; Rheault, F ; Barberis, M ; Prevost, C ; Letrange, S ; Poisson, I & al , *Mini-strokes within Broca-caudate connections during left insular glioma awake surgery cause transient severe naming deficits.*, **Acta Neurochir (Wien)**, 2024, 166, 507

Gaudet, LA ; Rybka, L ; Mandonnet, E ; Volle, E ; Barberis, M ; Jonkers, R & al , *Leveraging relatedness-based measures in people with language disorders: A scoping review.*, **J Neuropsychol**, 2025, 19, 299-337

Mandonnet, E , *Surgery of IDH-mutated grade 2 glioma: continually setting the bar higher.*, **Lancet Reg Health Eur**, 2024, 46, 101099

Mandonnet, E ; Funck-Brentano, T ; Hugnot, JP ; Touat, M , *Spectrum of IDH-mutant tumors in Ollier-Maffucci disease: the triple interaction theory.*, **Orphanet J Rare Dis**, 2024, 19, 434

Turpin, C ; Rossel, O ; Schlosser-Perrin, F ; Ng, S ; Matsumoto, R ; Mandonnet, E & al , *Shapes of direct cortical responses vs. short-range axono-cortical evoked potentials: The effects of direct electrical stimulation applied to the human brain.*, **Clin Neurophysiol**, 2025, 169, 91-99

Lopez-Persem, A ; Mandonnet, E ; Volle, E , *Inside out: the neural basis of spontaneous and creative thinking.*, **Brain**, 2024, 147, 3263-3265

Funck-Brentano, T ; Cohen-Solal, M ; Ducray, F ; Mandonnet, E , *Clinical and radiological response of Maffucci related enchondromas to mutant IDH1 inhibitor Ivosidenib.*, **Bone**, 2024, 188, 117221

Walter, T ; Foray, G ; Mohammed-Brahim, N ; Levé, C ; Mandonnet, E ; Gayat, E , *Mini-strokes after awake surgery for glioma resection: are there anesthesia related factors?*, **Acta Neurochir (Wien)**, 2024, 166, 310

Caudron, Y ; Martino, J ; Froelich, S ; Mandonnet, E , *Surgical cavity dilatation after resection of IDH-mutated astrocytoma of the mesial temporal lobe: illustrative cases.*, **J Neurosurg Case Lessons**, 2024, 8,

- Agosti, E ; Grouls, M ; Jiang, T ; Charitos, D ; Justo, J ; Passeri, T & al , *Endoscopic-Assisted Anterior Petrosectomy for a Recurrent Petrous Chondrosarcoma in Ollier Disease: 2-Dimensional Operative Video.*, **Oper Neurosurg (Hagerstown)**, 2025, 28, 125
- Bieth, T ; Facque, V ; Altmayer, V ; Poisson, I ; Ovando-Tellez, M ; Moreno-Rodriguez, S & al , *Impaired creative cognition after surgery for an IDH-mutated glioma: A proof-of-concept study.*, **Cortex**, 2024, 174, 219-233
- Herbet, G ; Duffau, H ; Mandonnet, E , *Predictors of cognition after glioma surgery: connectotomy, structure-function phenotype, plasticity.*, **Brain**, 2024, 147, 2621-2635
- Barberis, M ; Poisson, I ; Prévost-Tarabon, C ; Letrange, S ; Froelich, S ; Thirion, B & al , *Verbal fluency predicts work resumption after awake surgery in low-grade glioma patients.*, **Acta Neurochir (Wien)**, 2024, 166, 88
- Mandonnet, E , *Reply to Blomqvist and Evrard.*, **Pain**, 2024, 165, e16
- Duffau, H ; Berger, M ; Brastianos, PK ; Sanai, N ; Mandonnet, E ; McKhann, GM , *Introduction: Contemporary management of low-grade gliomas: from tumor biology to the patient's quality of life.*, **Neurosurg Focus**, 2024, 56, E1
- Mandonnet, E , *Tumor Volume Growth as Surrogate Endpoint in IDH-mt Glioma-Letter.*, **Clin Cancer Res**, 2024, 30, 638
- Maldonado, IL ; Descoteaux, M ; Rheault, F ; Zemmoura, I ; Benn, A ; Margulies, D & al , *Multimodal study of multilevel pulvino-temporal connections: a new piece in the puzzle of lexical retrieval networks.*, **Brain**, 2024, 147, 2245-2257
- Herbet, G ; Mandonnet, E , *Letter to the Editor: Small deep white matter cuts, big disconnections.*, **J Neurosurg**, 2024, 140, 1208-1210
- Pemberton, HG ; Wu, J ; Kommers, I ; Müller, DMJ ; Hu, Y ; Goodkin, O & al , *Multi-class glioma segmentation on real-world data with missing MRI sequences: comparison of three deep learning algorithms.*, **Sci Rep**, 2023, 13, 18911
- Helland, RH ; Ferles, A ; Pedersen, A ; Kommers, I ; Ardon, H ; Barkhof, F & al , *Segmentation of glioblastomas in early post-operative multi-modal MRI with deep neural networks.*, **Sci Rep**, 2023, 13, 18897
- Mandonnet, V ; Obaid, S ; Descoteaux, M ; St-Onge, E ; Devaux, B ; Levé, C & al , *Electrostimulation of the white matter of the posterior insula and medial operculum: perception of vibrations, heat, and pain.*, **Pain**, 2024, 165, 565-572

Birladeanu, A ; Barberis, M ; Poisson, I ; Froelich, S ; Mandonnet, E , *Oncological and functional outcomes support early resection of incidental IDH-mutated glioma.*, **Acta Neurochir (Wien)**, 2023, 165, 2755-2767

Bermúdez, G ; Quiñones, I ; Carrasco, A ; Gil-Robles, S ; Amoruso, L ; Mandonnet, E & al , *A novel cognitive neurosurgery approach for supramaximal resection of non-dominant precuneal gliomas: a case report.*, **Acta Neurochir (Wien)**, 2023, 165, 2747-2754

Bursi, M ; Rizzo, C ; Barberis, M ; Poisson, I ; Lehman-Che, J ; Adle-Biassette, H & al , *Oncological, cognitive, and employment outcomes in a series of patients with IDH-mutated glioma resected following neoadjuvant chemotherapy.*, **Acta Neurochir (Wien)**, 2023, 165, 2461-2471

Herrán de la Gala, D ; Casagrande, S ; Mathon, B ; Mandonnet, E ; Nichelli, L , *High perilesional T2-FLAIR signal around anterior temporal perivascular spaces: How can fluid suppressed Amide Proton Transfer weighted imaging further comfort the diagnosis.*, **Magn Reson Imaging**, 2023, 103, 119-123

Schlosser-Perrin, F ; Rossel, O ; Duffau, H ; Bonnetblanc, F ; Mandonnet, E , *How far does electrical stimulation activate white matter tracts? A computational modeling study.*, **Clin Neurophysiol**, 2023, 153, 68-78

Rossel, O ; Schlosser-Perrin, F ; Duffau, H ; Matsumoto, R ; Mandonnet, E ; Bonnetblanc, F , *Short-range axono-cortical evoked-potentials in brain tumor surgery: Waveform characteristics as markers of direct connectivity.*, **Clin Neurophysiol**, 2023, 153, 189-201

Schlosser-Perrin, F ; Rossel, O ; Duffau, H ; Matsumoto, R ; Mandonnet, E ; Bonnetblanc, F , *The orientation of the stimulating bipolar probe modulates axono-cortical evoked potentials.*, **Brain Stimul**, 2023, 16, 1009-1011

Amelot, A ; Terrier, LM ; Cognacq, G ; Jecko, V ; Marlier, B ; Seizeur, R & al , *Correction to: Natural history of spinal cord metastasis from brain glioblastomas.*, **J Neurooncol**, 2023, 162, 383

Amelot, A ; Terrier, LM ; Cognacq, G ; Jecko, V ; Marlier, B ; Seizeur, R & al , *Natural history of spinal cord metastasis from brain glioblastomas.*, **J Neurooncol**, 2023, 162, 373-382

Florea, SM ; Passeri, T ; Abbritti, R ; Bernat, AL ; Fontanel, S ; Yoldjian, I & al , *Opposed evolution of the osseous and soft parts of progesterin-associated osteomeningioma after progesterin intake discontinuation.*, **J Neurosurg**, 2023, 139, 944-952

Landers, MJF ; Smolders, L ; Rutten, GM ; Sitskoorn, MM ; Mandonnet, E ; De Baene, W , *Presurgical Executive Functioning in Low-Grade Glioma Patients Cannot Be Topographically Mapped.*, **Cancers (Basel)**, 2023, 15,

Passeri, T ; Champagne, PO ; Giammattei, L ; Abbritti, R ; Cartailier, J ; Calugaru, V & al , *Management strategies in clival and craniovertebral junction chordomas: a 29-year experience.*, **J Neurosurg**, 2023, 138, 1640-1652

Matano, F ; Passeri, T ; Abbritti, R ; Camara, B ; Mastantuoni, C ; Noya, C & al , *Eyebrow incision with a crescent-*

*shaped orbital rim craniotomy for microscopic and endoscopic transorbital approach to the anterior and middle cranial fossa: A cadaveric study and case presentation.*, **Brain Spine**, 2022, 2, 100891

Bouget, D ; Pedersen, A ; Jakola, AS ; Kavouridis, V ; Emblem, KE ; Eijgelaar, RS & al , *Preoperative Brain Tumor Imaging: Models and Software for Segmentation and Standardized Reporting.*, **Front Neurol**, 2022, 13, 932219

Clément, A ; Perez, A ; Mandonnet, E ; Satoer, D ; Visch-Brink, E ; De Witte, E & al , *DIMA-fr: a French adaptation and standardization of the Dutch Diagnostic Instrument for Mild Aphasia (DIMA-nl).*, **Clin Linguist Phon**, 2022, 36, 954-967

Sierpowska, J ; Rofes, A ; Dahlslätt, K ; Mandonnet, E ; Ter Laan, M ; Pożczyńska, M & al , *The Aftercare Survey: Assessment and intervention practices after brain tumor surgery in Europe.*, **Neurooncol Pract**, 2022, 9, 328-337

Facque, V ; Wiehler, A ; Volle, E ; Mandonnet, E ; Pessiglione, M , *Present bias in economic choice demonstrates increased cognitive fatigability of glioma patients.*, **Cortex**, 2022, 151, 281-293

Barberis, M ; Poisson, I ; Facque, V ; Letrange, S ; Prevost-Tarabon, C ; Houdart, E & al , *Group-level stability but individual variability of neurocognitive status after awake resections of right frontal IDH-mutated glioma.*, **Sci Rep**, 2022, 12, 6126

Mrah, S ; Descoteaux, M ; Wager, M ; Boré, A ; Rheault, F ; Thirion, B & al , *Network-level prediction of set-shifting deterioration after lower-grade glioma resection.*, **J Neurosurg**, 2022, 137, 1329-1337

Landers, MJ ; Baene, W ; Rutten, GJ ; Mandonnet, E , *The third branch of the superior longitudinal system.*, **J Neurosurg Sci**, 2021, 65, 548-559

Mandonnet, E ; Thirion, B , *Tackling the Complexity of Lesion-Symptoms Mapping: How to Bridge the Gap Between Data Scientists and Clinicians?*, **Acta Neurochir Suppl**, 2022, 134, 195-203

Mandonnet, E , *Contextualization of post-operative mini-strokes in glioma surgery.*, **Acta Neurochir (Wien)**, 2022, 164, 393-394

Passeri, T ; Giammattei, L ; Le Van, T ; Abbritti, R ; Perrier, A ; Wong, J & al , *Correction to: Atypical evolution of meningiomatosis after discontinuation of cyproterone acetate: clinical cases and histomolecular characterization.*, **Acta Neurochir (Wien)**, 2022, 164, 265

Froelich, S ; Mandonnet, E , *Tribute to Professor Bernard George.*, **Acta Neurochir (Wien)**, 2021, 163, 3225-3227

Landers, MJF ; Sitskoorn, MM ; Rutten, GM ; Mandonnet, E ; De Baene, W , *A systematic review of the use of subcortical intraoperative electrical stimulation mapping for monitoring of executive deficits and neglect: what is the evidence so far?*, **Acta Neurochir (Wien)**, 2022, 164, 177-191

- Passeri, T ; Giammattei, L ; Le Van, T ; Abbritti, R ; Perrier, A ; Wong, J & al , *Atypical evolution of meningiomatosis after discontinuation of cyproterone acetate: clinical cases and histomolecular characterization.*, **Acta Neurochir (Wien)**, 2022, 164, 255-263
- Bouget, D ; Eijgelaar, RS ; Pedersen, A ; Kommers, I ; Ardon, H ; Barkhof, F & al , *Glioblastoma Surgery Imaging-Reporting and Data System: Validation and Performance of the Automated Segmentation Task.*, **Cancers (Basel)**, 2021, 13,
- Santos, C ; Velasquez, C ; Esteban, J ; Fernandez, L ; Mandonnet, E ; Duffau, H & al , *Transopercular Insular Approach, Overcoming the Training Curve Using a Cadaveric Simulation Model: 2-Dimensional Operative Video.*, **Oper Neurosurg (Hagerstown)**, 2021, 21, E561-E562
- Mandonnet, E , *Should Complex Cognitive Functions Be Mapped With Direct Electrostimulation in Wide-Awake Surgery? A Commentary.*, **Front Neurol**, 2021, 12, 721038
- Hartung, SL ; Mandonnet, E ; de Witt Hamer, P ; Klein, M ; Wager, M ; Rech, F & al , *Impaired Set-Shifting from Dorsal Stream Disconnection: Insights from a European Series of Right Parietal Lower-Grade Glioma Resection.*, **Cancers (Basel)**, 2021, 13,
- Müller, DMJ ; Robe, PA ; Ardon, H ; Barkhof, F ; Bello, L ; Berger, MS & al , *On the cutting edge of glioblastoma surgery: where neurosurgeons agree and disagree on surgical decisions.*, **J Neurosurg**, 2022, 136, 45-55
- Kommers, I ; Bouget, D ; Pedersen, A ; Eijgelaar, RS ; Ardon, H ; Barkhof, F & al , *Glioblastoma Surgery Imaging-Reporting and Data System: Standardized Reporting of Tumor Volume, Location, and Resectability Based on Automated Segmentations.*, **Cancers (Basel)**, 2021, 13,
- Passeri, T ; Giammattei, L ; Abbritti, R ; di Russo, P ; Bernat, AL ; Penet, N & al , *A new simple and free tubular device for microscopic transcortical approach to deep-seated lesions: technical note and case example.*, **Acta Neurochir (Wien)**, 2022, 164, 2049-2055
- Voormolen, EHJ ; Champagne, PO ; Roca, E ; Giammattei, L ; Passeri, T ; di Russo, P & al , *Intracranial Meningiomas Decrease in Volume on Magnetic Resonance Imaging After Discontinuing Progestin.*, **Neurosurgery**, 2021, 89, 308-314
- de Witt Hamer, P ; Mandonnet, E , *Correction to: Voxel-wise glioblastoma-survival mapping: new tool, new questions.*, **Acta Neurochir (Wien)**, 2021, 163, 1909
- Müller, DMJ ; De Swart, ME ; Ardon, H ; Barkhof, F ; Bello, L ; Berger, MS & al , *Timing of glioblastoma surgery and patient outcomes: a multicenter cohort study.*, **Neurooncol Adv**, 2021, 3, vdab053
- Mandonnet, E ; Duffau, H , *Broca's area: why was neurosurgery neglected for so long when seeking to re-establish*

*the scientific truth?*, **Brain**, 2021, 144, e60

Passeri, T ; di Russo, P ; Champagne, PO ; Bernat, AL ; Cartailier, J ; Guichard, JP & al , *Tumor Growth Rate as a New Predictor of Progression-Free Survival After Chordoma Surgery.*, **Neurosurgery**, 2021, 89, 291-299

Eijgelaar, RS ; Visser, M ; Müller, DMJ ; Barkhof, F ; Vrenken, H ; van Herk, M & al , *Robust Deep Learning-based Segmentation of Glioblastoma on Routine Clinical MRI Scans Using Sparsified Training.*, **Radiol Artif Intell**, 2020, 2, e190103

Kamp, MA ; Malzkorn, B ; von Sass, C ; DiMeco, F ; Hadjipanayis, CG ; Senft, C & al , *Proposed definition of competencies for surgical neuro-oncology training.*, **J Neurooncol**, 2021, 153, 121-131

de Witt Hamer, P ; Mandonnet, E , *Voxel-wise glioblastoma-survival mapping: new tool, new questions.*, **Acta Neurochir (Wien)**, 2021, 163, 1907-1908

Fava, A ; Russo, PD ; Tardivo, V ; Passeri, T ; Câmara, B ; Penet, N & al , *Endoscope-assisted far-lateral transcondylar approach for craniocervical junction chordomas: a retrospective case series and cadaveric dissection.*, **J Neurosurg**, 2021, 135, 1335-1346

Mandonnet, E ; Molina, JM , *Household Coronavirus Disease 2019 (COVID-19) Prevalence.*, **Clin Infect Dis**, 2021, 72, 539

Boyer, A ; Stengel, C ; Bonnetblanc, F ; Dali, M ; Duffau, H ; Rheault, F & al , *Patterns of axono-cortical evoked potentials: an electrophysiological signature unique to each white matter functional site?*, **Acta Neurochir (Wien)**, 2021, 163, 3121-3130

Boyer, A ; Ramdani, S ; Duffau, H ; Dali, M ; Vincent, MA ; Mandonnet, E & al , *Electrophysiological Mapping During Brain Tumor Surgery: Recording Cortical Potentials Evoked Locally, Subcortically and Remotely by Electrical Stimulation to Assess the Brain Connectivity On-line.*, **Brain Topogr**, 2021, 34, 221-233

Wasserman, D ; Valero-Cabré, A ; Dali, M ; Stengel, C ; Boyer, A ; Rheault, F & al , *Axono-cortical evoked potentials as a new method of IONM for preserving the motor control network: a first study in three cases.*, **Acta Neurochir (Wien)**, 2021, 163, 919-935

Ille, S ; Ohlerth, AK ; Colle, D ; Colle, H ; Dragoy, O ; Goodden, J & al , *Augmented reality for the virtual dissection of white matter pathways.*, **Acta Neurochir (Wien)**, 2021, 163, 895-903

Mandonnet, E ; Vincent, M ; Valero-Cabré, A ; Facque, V ; Barberis, M ; Bonnetblanc, F & al , *Network-level causal analysis of set-shifting during trail making test part B: A multimodal analysis of a glioma surgery case.*, **Cortex**, 2020, 132, 238-249

Paccoud, O ; Nervo, M ; Alanio, A ; Garcia-Hermoso, D ; Bougnoux, ME ; Mateo, J & al , *Cerebral histoplasmosis*

caused by *Histoplasma capsulatum* var. *duboisii* in a patient with no known immunodeficiency., **J Travel Med**, 2021, 28,

Froelich, S ; Mandonnet, E ; Julla, JB ; Touchard, C ; Laloi-Michelin, M ; Kevorkian, JP & al , *Towards individualised and optimised positioning of non-ventilated COVID-19 patients: Putting the affected parts of the lung(s) on top?*, **Diabetes Metab**, 2021, 47, 101167

Toba, MN ; Malherbe, C ; Godefroy, O ; Rushmore, RJ ; Zavaglia, M ; Maatoug, R & al , *Reply: Inhibition between human brain areas or methodological artefact?*, **Brain**, 2020, 143, e39

Mandonnet, E ; Margulies, D ; Stengel, C ; Dali, M ; Rheault, F ; Toba, MN & al , *"I do not feel my hand where I see it": causal mapping of visuo-proprioceptive integration network in a surgical glioma patient.*, **Acta Neurochir (Wien)**, 2020, 162, 1949-1955

Madadaki, C ; Aubrun, S ; Bello, L ; Duffau, H ; Mandonnet, E , *Reply to: Letter to the Editor Regarding Anesthesia Management for Low-Grade Glioma Awake Surgery: A European Low-Grade Glioma Network Survey.*, **Acta Neurochir (Wien)**, 2020, 162, 1723-1724

Arzoine, J ; Levé, C ; Pérez-Hick, A ; Goodden, J ; Almairac, F ; Aubrun, S & al , *Anesthesia management for low-grade glioma awake surgery: a European Low-Grade Glioma Network survey.*, **Acta Neurochir (Wien)**, 2020, 162, 1701-1707

Mandonnet, E ; Mellerio, C ; Barberis, M ; Poisson, I ; Jansma, JM ; Rutten, GJ , *When Right Is on the Left (and Vice Versa): A Case Series of Glioma Patients with Reversed Lateralization of Cognitive Functions.*, **J Neurol Surg A Cent Eur Neurosurg**, 2020, 81, 138-146

Roux, A ; Pallud, J ; Saffroy, R ; Edjlali-Goujon, M ; Debily, MA ; Boddaert, N & al , *High-grade gliomas in adolescents and young adults highlight histomolecular differences from their adult and pediatric counterparts.*, **Neuro Oncol**, 2020, 22, 1190-1202

Mandonnet, E ; Herbet, G ; Duffau, H , *Letter: Introducing New Tasks for Intraoperative Mapping in Awake Glioma Surgery: Clearing the Line Between Patient Care and Scientific Research.*, **Neurosurgery**, 2020, 86, E256-E257

Vincent, MA ; Bonnetblanc, F ; Mandonnet, E ; Boyer, A ; Duffau, H ; Guiraud, D , *Measuring the electrophysiological effects of direct electrical stimulation after awake brain surgery.*, **J Neural Eng**, 2020, 17, 016047

Mandonnet, E ; Sarubbo, S ; Petit, L , *Response: Commentary: The Nomenclature of Human White Matter Association Pathways: Proposal for a Systematic Taxonomic Anatomical Classification.*, **Front Neuroanat**, 2019, 13, 91

El Sissy, FN ; Lorillon, G ; Mandonnet, E ; Polivka, M ; Addle-Biassette, H ; Emile, JF , *BRAF-mutated histiocytosis of the skull lacking the expression of Langerhans cell markers.*, **Clin Neuropathol**, 2020, 39, 64-69

Aubrun, S ; Poisson, I ; Barberis, M ; Draou, C ; Toure, M ; Madadaki, C & al , *The challenge of overcoming the language barrier for brain tumor awake surgery in migrants: a feasibility study in five patient cases.*, **Acta Neurochir (Wien)**, 2020, 162, 389-395

Boyer, A ; Duffau, H ; Mandonnet, E ; Vincent, MA ; Ramdani, S ; Guiraud, D & al , *Attenuation and Delay of Remote Potentials Evoked by Direct Electrical Stimulation During Brain Surgery.*, **Brain Topogr**, 2020, 33, 143-148

Mandonnet, E , *Transopercular Resection of IDH-Mutated Insular Glioma: A Critical Appraisal of an Initial Experience.*, **World Neurosurg**, 2019, 132, e563-e576

Darlix, A ; Mandonnet, E ; Freyschlag, CF ; Pinggera, D ; Forster, MT ; Voss, M & al , *Chemotherapy and diffuse low-grade gliomas: a survey within the European Low-Grade Glioma Network.*, **Neurooncol Pract**, 2019, 6, 264-273

Mandonnet, E ; Wager, M ; Almairac, F ; Baron, MH ; Blonski, M ; Freyschlag, CF & al , *Survey on current practice within the European Low-Grade Glioma Network: where do we stand and what is the next step?*, **Neurooncol Pract**, 2017, 4, 241-247

Zanello, M ; Meyer, B ; Still, M ; Goodden, JR ; Colle, H ; Schichor, C & al , *Surgical resection of cavernous angioma located within eloquent brain areas: International survey of the practical management among 19 specialized centers.*, **Seizure**, 2019, 69, 31-40

Zanello, M ; Goodden, JR ; Colle, H ; Wager, M ; Hamer, PCW ; Smits, A & al , *Predictors of Epileptic Seizures and Ability to Work in Supratentorial Cavernous Angioma Located Within Eloquent Brain Areas.*, **Neurosurgery**, 2019, 85, E702-E713

David, S ; Heemskerk, AM ; Corrivetti, F ; Thiebaut de Schotten, M ; Sarubbo, S ; Corsini, F & al , *The Superoanterior Fasciculus (SAF): A Novel White Matter Pathway in the Human Brain?*, **Front Neuroanat**, 2019, 13, 24

Passeri, T ; Champagne, PO ; Bernat, AL ; Hanakita, S ; Salle, H ; Mandonnet, E & al , *Spontaneous regression of meningiomas after interruption of nomegestrol acetate: a series of three patients.*, **Acta Neurochir (Wien)**, 2019, 161, 761-765

Ursu, R ; Thomas, L ; Psimaras, D ; Chinot, O ; Le Rhun, E ; Ricard, D & al , *Angiotensin II receptor blockers, steroids and radiotherapy in glioblastoma-a randomised multicentre trial (ASTER trial). An ANOCEF study.*, **Eur J Cancer**, 2019, 109, 129-136

Müller, DMJ ; Robe, PAJT ; Eijgelaar, RS ; Witte, MG ; Visser, M ; de Munck, JC & al , *Comparing Glioblastoma Surgery Decisions Between Teams Using Brain Maps of Tumor Locations, Biopsies, and Resections.*, **JCO Clin Cancer Inform**, 2019, 3, 1-12

Corrivetti, F ; de Schotten, MT ; Poisson, I ; Froelich, S ; Descoteaux, M ; Rheault, F & al , *Dissociating motor-speech from lexico-semantic systems in the left frontal lobe: insight from a series of 17 awake intraoperative mappings in glioma patients.*, **Brain Struct Funct**, 2019, 224, 1151-1165

Mandonnet, E ; Herbet, G ; Moritz-Gasser, S ; Poisson, I ; Rheault, F ; Duffau, H , *Electrically induced verbal perseveration: A striatal deafferentation model.*, **Neurology**, 2019, 92, e613-e621

Fabbro-Peray, P ; Zouaoui, S ; Darlix, A ; Fabbro, M ; Pallud, J ; Rigau, V & al , *Association of patterns of care, prognostic factors, and use of radiotherapy-temozolomide therapy with survival in patients with newly diagnosed glioblastoma: a French national population-based study.*, **J Neurooncol**, 2019, 142, 91-101

Mandonnet, E ; Sarubbo, S ; Petit, L , *The Nomenclature of Human White Matter Association Pathways: Proposal for a Systematic Taxonomic Anatomical Classification.*, **Front Neuroanat**, 2018, 12, 94

Boyer, A ; Duffau, H ; Vincent, M ; Ramdani, S ; Mandonnet, E ; Guiraud, D & al , *Electrophysiological Activity Evoked by Direct Electrical Stimulation of the Human Brain: Interest of the P0 Component.*, **Annu Int Conf IEEE Eng Med Biol Soc**, 2018, 2018, 2210-2213

Hendriks, EJ ; Idema, S ; Hervey-Jumper, SL ; Bernat, AL ; Zwinderman, AH ; Barkhof, F & al , *Preoperative Resectability Estimates of Nonenhancing Glioma by Neurosurgeons and a Resection Probability Map.*, **Neurosurgery**, 2019, 85, E304-E313

Loit, MP ; Rheault, F ; Gayat, E ; Poisson, I ; Froelich, S ; Zhi, N & al , *Hotspots of small strokes in glioma surgery: an overlooked risk?*, **Acta Neurochir (Wien)**, 2019, 161, 91-98

Loit, MP ; Adle-Biassette, H ; Bouazza, S ; Mazeron, MC ; Manivet, P ; Lehmann-Che, J & al , *Multimodal techniques failed to detect cytomegalovirus in human glioblastoma samples.*, **J Neurovirol**, 2019, 25, 50-56

Still, MEH ; Roux, A ; Huberfeld, G ; Bauchet, L ; Baron, MH ; Fontaine, D & al , *Extent of Resection and Residual Tumor Thresholds for Postoperative Total Seizure Freedom in Epileptic Adult Patients Harboring a Supratentorial Diffuse Low-Grade Glioma.*, **Neurosurgery**, 2019, 85, E332-E340

Rofes, A ; Mandonnet, E ; de Aguiar, V ; Rapp, B ; Tsapkini, K ; Miceli, G , *Language processing from the perspective of electrical stimulation mapping.*, **Cogn Neuropsychol**, 2019, 36, 117-139

Freyschlag, CF ; Krieg, SM ; Kerschbaumer, J ; Pinggera, D ; Forster, MT ; Cordier, D & al , *Imaging practice in low-grade gliomas among European specialized centers and proposal for a minimum core of imaging.*, **J Neurooncol**, 2018, 139, 699-711

Amelot, A ; Mandonnet, E , *In Reply: Surgical Decision Making From Image-Based Biophysical Modeling of Glioblastoma: Not Ready for Primetime.*, **Neurosurgery**, 2018, 82, E175-E176

- Mandonnet, E ; Duffau, H , *An attempt to conceptualize the individual onco-functional balance: Why a standardized treatment is an illusion for diffuse low-grade glioma patients.*, **Crit Rev Oncol Hematol**, 2018, 122, 83-91
- Corrivetti, F ; Froelich, S ; Mandonnet, E , *Endoscopic Approach of the Insula Through the Anterior Middle Temporal Gyrus: A Feasibility Study in the Laboratory.*, **Oper Neurosurg (Hagerstown)**, 2018, 14, 441-448
- Mandonnet, E ; Taillandier, L ; Duffau, H , *[Proposal of screening for diffuse low-grade gliomas in the population from 20 to 40years].*, **Presse Med**, 2017, 46, 911-920
- Mandonnet, E ; Cerliani, L ; Siuda-Krzywicka, K ; Poisson, I ; Zhi, N ; Volle, E & al , *A network-level approach of cognitive flexibility impairment after surgery of a right temporo-parietal glioma.*, **Neurochirurgie**, 2017, 63, 308-313
- Vincent, M ; Guiraud, D ; Duffau, H ; Mandonnet, E ; Bonnetblanc, F , *Electrophysiological brain mapping: Basics of recording evoked potentials induced by electrical stimulation and its physiological spreading in the human brain.*, **Clin Neurophysiol**, 2017, 128, 1886-1890
- Mandonnet, E ; Anract, P ; Martin, E ; Roujeau, T ; Spina, G ; Cormier-Daire, V & al , *Brain and skull base MRI findings in patients with Ollier-Maffucci disease: A series of 12 patient-cases.*, **Clin Neurol Neurosurg**, 2017, 160, 147-151
- Mandonnet, E , *A surgical approach to the anatomo-functional structure of language.*, **Neurochirurgie**, 2017, 63, 122-128
- Pallud, J ; Mandonnet, E ; Corns, R ; Dezamis, E ; Parraga, E ; Zanello, M & al , *Technical principles of direct bipolar electrostimulation for cortical and subcortical mapping in awake craniotomy.*, **Neurochirurgie**, 2017, 63, 158-163
- Zanello, M ; Wager, M ; Corns, R ; Capelle, L ; Mandonnet, E ; Fontaine, D & al , *Resection of cavernous angioma located in eloquent areas using functional cortical and subcortical mapping under awake conditions. Outcomes in a 50-case multicentre series.*, **Neurochirurgie**, 2017, 63, 219-226
- Rofes, A ; Mandonnet, E ; Godden, J ; Baron, MH ; Colle, H ; Darlix, A & al , *Survey on current cognitive practices within the European Low-Grade Glioma Network: towards a European assessment protocol.*, **Acta Neurochir (Wien)**, 2017, 159, 1167-1178
- Terrier, LM ; Bauchet, L ; Rigau, V ; Amelot, A ; Zouaoui, S ; Filipiak, I & al , *Natural course and prognosis of anaplastic gangliogliomas: a multicenter retrospective study of 43 cases from the French Brain Tumor Database.*, **Neuro Oncol**, 2017, 19, 678-688

Amelot, A ; Deroulers, C ; Badoual, M ; Polivka, M ; Adle-Biassette, H ; Houdart, E & al , *Surgical Decision Making From Image-Based Biophysical Modeling of Glioblastoma: Not Ready for Primetime.*, **Neurosurgery**, 2017, 80, 793-799

Mandonnet, E ; Duffau, H , *Setting the Balance between the Lexical and Sublexical Pathways of Dual-Route Models of Reading: Insight from Atypical Dyslexia in Surgical Glioma Patients.*, **Front Psychol**, 2016, 7, 1730

Mandonnet, E ; Martino, J ; Sarubbo, S ; Corrivetti, F ; Bouazza, S ; Bresson, D & al , *Neuronavigated Fiber Dissection with Pial Preservation: Laboratory Model to Simulate Opercular Approaches to Insular Tumors.*, **World Neurosurg**, 2017, 98, 239-242

Spena, G ; Schucht, P ; Seidel, K ; Rutten, GJ ; Freyschlag, CF ; D'Agata, F & al , *Brain tumors in eloquent areas: A European multicenter survey of intraoperative mapping techniques, intraoperative seizures occurrence, and antiepileptic drug prophylaxis.*, **Neurosurg Rev**, 2017, 40, 287-298

Sarubbo, S ; De Benedictis, A ; Merler, S ; Mandonnet, E ; Barbareschi, M ; Dallabona, M & al , *Structural and functional integration between dorsal and ventral language streams as revealed by blunt dissection and direct electrical stimulation.*, **Hum Brain Mapp**, 2016, 37, 3858-3872

Mandonnet, E ; Sarubbo, S ; Duffau, H , *Proposal of an optimized strategy for intraoperative testing of speech and language during awake mapping.*, **Neurosurg Rev**, 2017, 40, 29-35

Mandonnet, E ; de Witt Hamer, P ; Duffau, H , *MRI screening for glioma: a preliminary survey of healthy potential candidates.*, **Acta Neurochir (Wien)**, 2016, 158, 905-6

Kourilsky, A ; Bertrand, G ; Ursu, R ; Doridam, J ; Barlog, C ; Faillot, T & al , *Impact of Angiotensin-II receptor blockers on vasogenic edema in glioblastoma patients.*, **J Neurol**, 2016, 263, 524-30

Mandonnet, E ; Dadoun, Y ; Poisson, I ; Madadaki, C ; Froelich, S ; Lozeron, P , *Axono-cortical evoked potentials: A proof-of-concept study.*, **Neurochirurgie**, 2016, 62, 67-71

Lima, GL ; Zanello, M ; Mandonnet, E ; Taillandier, L ; Pallud, J ; Duffau, H , *Incidental diffuse low-grade gliomas: from early detection to preventive neuro-oncological surgery.*, **Neurosurg Rev**, 2016, 39, 377-84

Bernat, AL ; Oyama, K ; Hamdi, S ; Mandonnet, E ; Vexiau, D ; Pocard, M & al , *Growth stabilization and regression of meningiomas after discontinuation of cyproterone acetate: a case series of 12 patients.*, **Acta Neurochir (Wien)**, 2015, 157, 1741-6

Amelot, A ; De Cremoux, P ; Quillien, V ; Polivka, M ; Adle-Biassette, H ; Lehmann-Che, J & al , *IDH-Mutation Is a Weak Predictor of Long-Term Survival in Glioblastoma Patients.*, **PLoS One**, 2015, 10, e0130596

Sarubbo, S ; De Benedictis, A ; Merler, S ; Mandonnet, E ; Balbi, S ; Granieri, E & al , *Towards a functional atlas of*

*human white matter.*, **Hum Brain Mapp**, 2015, 36, 3117-36

Sacko, A ; Hou, MM ; Temgoua, M ; Alkhafaji, A ; Marantidou, A ; Belin, C & al , *Evolution of the Karnosky Performance Status throughout life in glioblastoma patients.*, **J Neurooncol**, 2015, 122, 567-73

Le Rhun, É ; Dhermain, F ; Noël, G ; Reyns, N ; Carpentier, A ; Mandonnet, E & al , *[ANOCEF guidelines for the management of brain metastases].*, **Cancer Radiother**, 2015, 19, 66-71

Métellus, P ; Reyns, N ; Voirin, J ; Menei, P ; Bauchet, L ; Faillot, T & al , *[Surgery of brain metastases].*, **Cancer Radiother**, 2015, 19, 20-4

Mandonnet, E ; De Witt Hamer, P ; Poisson, I ; Whittle, I ; Bernat, AL ; Bresson, D & al , *Initial experience using awake surgery for glioma: oncological, functional, and employment outcomes in a consecutive series of 25 cases.*, **Neurosurgery**, 2015, 76, 382-9; discussion 389

Amelot, A ; Stretton, E ; Delingette, H ; Ayache, N ; Froelich, S ; Mandonnet, E , *Expert-validated CSF segmentation of MNI atlas enhances accuracy of virtual glioma growth patterns.*, **J Neurooncol**, 2015, 121, 381-7

George, B ; Bresson, D ; Bouazza, S ; Froelich, S ; Mandonnet, E ; Hamdi, S & al , *[Chordoma].*, **Neurochirurgie**, 2014, 60, 63-140

Mandonnet, E ; Duffau, H , *Understanding entangled cerebral networks: a prerequisite for restoring brain function with brain-computer interfaces.*, **Front Syst Neurosci**, 2014, 8, 82

Mandonnet, E ; de Witt Hamer, P ; Pallud, J ; Bauchet, L ; Whittle, I ; Duffau, H , *Silent diffuse low-grade glioma: toward screening and preventive treatment?*, **Cancer**, 2014, 120, 1758-62

Pallud, J ; Audureau, E ; Blonski, M ; Sanai, N ; Bauchet, L ; Fontaine, D & al , *Epileptic seizures in diffuse low-grade gliomas in adults.*, **Brain**, 2014, 137, 449-62

Bresson, D ; Madadaki, C ; Poisson, I ; Habas, C ; Mandonnet, E , *Functionally tailored transcortical approach of deep-seated lesions: an alternative to the transulcal approach? a technical case report.*, **Neurochirurgie**, 2013, 59, 159-62; discussion 163

Pallud, J ; Mandonnet, E ; Duffau, H , *Diffuse low-grade gliomas and UCSF scores.*, **J Neurosurg**, 2014, 120, 577-8

Pallud, J ; Capelle, L ; Taillandier, L ; Badoual, M ; Duffau, H ; Mandonnet, E , *The silent phase of diffuse low-grade gliomas. Is it when we missed the action?*, **Acta Neurochir (Wien)**, 2013, 155, 2237-42

De Witt Hamer, PC ; Hendriks, EJ ; Mandonnet, E ; Barkhof, F ; Zwinderman, AH ; Duffau, H , *Resection*

Duffau, H ; Moritz-Gasser, S ; Mandonnet, E , *A re-examination of neural basis of language processing: proposal of a dynamic hodotopical model from data provided by brain stimulation mapping during picture naming.*, **Brain Lang**, 2014, 131, 1-10

Mandonnet, E ; Wait, S ; Choi, L ; Teo, C , *The importance of measuring the velocity of diameter expansion on MRI in upfront management of suspected WHO grade II glioma - case report.*, **Neurochirurgie**, 2013, 59, 89-92

Capelle, L ; Fontaine, D ; Mandonnet, E ; Taillandier, L ; Golmard, JL ; Bauchet, L & al , *Spontaneous and therapeutic prognostic factors in adult hemispheric World Health Organization Grade II gliomas: a series of 1097 cases: clinical article.*, **J Neurosurg**, 2013, 118, 1157-68

Blonski, M ; Pallud, J ; Gozé, C ; Mandonnet, E ; Rigau, V ; Bauchet, L & al , *Neoadjuvant chemotherapy may optimize the extent of resection of World Health Organization grade II gliomas: a case series of 17 patients.*, **J Neurooncol**, 2013, 113, 267-75

Verillaud, B ; Bresson, D ; Sauvaget, E ; Mandonnet, E ; Georges, B ; Kania, R & al , *Transcribriiform and transplanum endoscopic approach for skull-base tumors.*, **Eur Ann Otorhinolaryngol Head Neck Dis**, 2013, 130, 233-6

Duffau, H ; Mandonnet, E , *The "onco-functional balance" in surgery for diffuse low-grade glioma: integrating the extent of resection with quality of life.*, **Acta Neurochir (Wien)**, 2013, 155, 951-7

Schmitt, P ; Mandonnet, E ; Perdreau, A ; Angelini, ED , *Effects of slice thickness and head rotation when measuring glioma sizes on MRI: in support of volume segmentation versus two largest diameters methods.*, **J Neurooncol**, 2013, 112, 165-72

Pallud, J ; Blonski, M ; Mandonnet, E ; Audureau, E ; Fontaine, D ; Sanai, N & al , *Velocity of tumor spontaneous expansion predicts long-term outcomes for diffuse low-grade gliomas.*, **Neuro Oncol**, 2013, 15, 595-606

Pallud, J ; Mandonnet, E , *Incidental low-grade gliomas.*, **J Neurosurg**, 2013, 118, 702-4

Pallud, J ; Taillandier, L ; Capelle, L ; Fontaine, D ; Peyre, M ; Ducray, F & al , *Quantitative morphological magnetic resonance imaging follow-up of low-grade glioma: a plea for systematic measurement of growth rates.*, **Neurosurgery**, 2012, 71, 729-39; discussion 739-40

Verillaud, B ; Bresson, D ; Sauvaget, E ; Mandonnet, E ; Georges, B ; Kania, R & al , *Exposure techniques in endoscopic skull base surgery: posterior septectomy, medial maxillectomy, transmaxillary and transpterygoid approach.*, **Eur Ann Otorhinolaryngol Head Neck Dis**, 2012, 129, 284-8

Verillaud, B ; Bresson, D ; Sauvaget, E ; Mandonnet, E ; Georges, B ; Kania, R & al , *Endoscopic endonasal skull*

base surgery., **Eur Ann Otorhinolaryngol Head Neck Dis**, 2012, 129, 190-6

Maldonado, IL ; Mandonnet, E ; Duffau, H , *Dorsal fronto-parietal connections of the human brain: a fiber dissection study of their composition and anatomical relationships.*, **Anat Rec (Hoboken)**, 2012, 295, 187-95

Gerin, C ; Pallud, J ; Grammaticos, B ; Mandonnet, E ; Deroulers, C ; Varlet, P & al , *Improving the time-machine: estimating date of birth of grade II gliomas.*, **Cell Prolif**, 2012, 45, 76-90

Mandonnet, E , *[Mathematical modeling of low-grade glioma]*., **Bull Acad Natl Med**, 2011, 195, 23-34; discussion 34-6

Angelini, ED ; Delon, J ; Bah, AB ; Capelle, L ; Mandonnet, E , *Differential MRI analysis for quantification of low grade glioma growth.*, **Med Image Anal**, 2012, 16, 114-26

Mandonnet, E ; Pantz, O , *The role of electrode direction during axonal bipolar electrical stimulation: a bidomain computational model study.*, **Acta Neurochir (Wien)**, 2011, 153, 2351-5; discussion 2355

Mandonnet, E , *Mathematical modeling of glioma on MRI.*, **Rev Neurol (Paris)**, 2011, 167, 715-20

Mandonnet, E ; Duffau, H ; Bauchet, L , *A new tool for grade II glioma studies: plotting cumulative time with quality of life versus time to malignant transformation.*, **J Neurooncol**, 2012, 106, 213-5

Ius, T ; Angelini, E ; Thiebaut de Schotten, M ; Mandonnet, E ; Duffau, H , *Evidence for potentials and limitations of brain plasticity using an atlas of functional resectability of WHO grade II gliomas: towards a "minimal common brain"*., **Neuroimage**, 2011, 56, 992-1000

Duffau, H ; Pallud, J ; Mandonnet, E , *Evidence for the genesis of WHO grade II glioma in an asymptomatic young adult using repeated MRIs.*, **Acta Neurochir (Wien)**, 2011, 153, 473-7

Pallud, J ; Fontaine, D ; Duffau, H ; Mandonnet, E ; Sanai, N ; Taillandier, L & al , *Natural history of incidental World Health Organization grade II gliomas.*, **Ann Neurol**, 2010, 68, 727-33

Pallud, J ; Capelle, L ; Mandonnet, E , *Comment on parameters of low-grade glioma as predictors.*, **Radiology**, 2010, 256, 1014

Pallud, J ; Mandonnet, E ; Deroulers, C ; Fontaine, D ; Badoual, M ; Capelle, L & al , *Pregnancy increases the growth rates of World Health Organization grade II gliomas.*, **Ann Neurol**, 2010, 67, 398-404

Mandonnet, E ; Pallud, J ; Fontaine, D ; Taillandier, L ; Bauchet, L ; Peruzzi, P & al , *Inter- and inpatient comparison of WHO grade II glioma kinetics before and after surgical resection.*, **Neurosurg Rev**, 2010, 33, 91-6

Pallud, J ; Duffau, H ; Razak, RA ; Barbarino-Monnier, P ; Capelle, L ; Fontaine, D & al , *Influence of pregnancy in the behavior of diffuse gliomas: clinical cases of a French glioma study group.*, **J Neurol**, 2009, 256, 2014-20

Mandonnet, E ; Winkler, PA ; Duffau, H , *Direct electrical stimulation as an input gate into brain functional networks: principles, advantages and limitations.*, **Acta Neurochir (Wien)**, 2010, 152, 185-93

Konukoglu, E ; Clatz, O ; Menze, BH ; Stieltjes, B ; Weber, MA ; Mandonnet, E & al , *Image guided personalization of reaction-diffusion type tumor growth models using modified anisotropic eikonal equations.*, **IEEE Trans Med Imaging**, 2010, 29, 77-95

Mandonnet, E ; Faivre, B ; Bresson, D ; Cornelius, J ; Guichard, JP ; Houdart, E & al , *Supratentorial craniotomy complicated by an homolateral remote cerebellar hemorrhage and a contralateral perisylvian infarction: case report.*, **Acta Neurochir (Wien)**, 2010, 152, 169-72

Mandonnet, E ; Chassoux, F ; Naggara, O ; Roux, FX ; Devaux, B , *Transient symptomatic vasospasm following antero-mesial temporal lobectomy for refractory epilepsy.*, **Acta Neurochir (Wien)**, 2009, 151, 1723-6

Mandonnet, E ; Gatignol, P ; Duffau, H , *Evidence for an occipito-temporal tract underlying visual recognition in picture naming.*, **Clin Neurol Neurosurg**, 2009, 111, 601-5

Duffau, H ; Gatignol, P ; Moritz-Gasser, S ; Mandonnet, E , *Is the left uncinat fasciculus essential for language? A cerebral stimulation study.*, **J Neurol**, 2009, 256, 382-9

Duffau, H ; Peggy Gatignol, ST ; Mandonnet, E ; Capelle, L ; Taillandier, L , *Intraoperative subcortical stimulation mapping of language pathways in a consecutive series of 115 patients with Grade II glioma in the left dominant hemisphere.*, **J Neurosurg**, 2008, 109, 461-71

Carrabba, G ; Mandonnet, E ; Fava, E ; Capelle, L ; Gaini, SM ; Duffau, H & al , *Transient inhibition of motor function induced by the Cavitron ultrasonic surgical aspirator during brain mapping.*, **Neurosurgery**, 2008, 63, E178-9; discussion E179

Pallud, J ; Capelle, L ; Taillandier, L ; Fontaine, D ; Mandonnet, E ; Guillevin, R & al , *Prognostic significance of imaging contrast enhancement for WHO grade II gliomas.*, **Neuro Oncol**, 2009, 11, 176-82

Duffau, H ; Thiebaut de Schotten, M ; Mandonnet, E , *White matter functional connectivity as an additional landmark for dominant temporal lobectomy.*, **J Neurol Neurosurg Psychiatry**, 2008, 79, 492-5

Mandonnet, E ; Kolb, F ; Tran Ba Huy, P ; George, B , *Spectrum of skull base tumors in children and adolescents: a series of 42 patients and review of the literature.*, **Childs Nerv Syst**, 2008, 24, 699-706

Mandonnet, E ; Pallud, J ; Clatz, O ; Taillandier, L ; Konukoglu, E ; Duffau, H & al , *Computational modeling of the WHO grade II glioma dynamics: principles and applications to management paradigm.*, **Neurosurg Rev**, 2008, 31,

- Ricard, D ; Kaloshi, G ; Amiel-Benouaich, A ; Lejeune, J ; Marie, Y ; Mandonnet, E & al , *Dynamic history of low-grade gliomas before and after temozolomide treatment.*, **Ann Neurol**, 2007, 61, 484-90
- Mandonnet, E ; Nouet, A ; Gatignol, P ; Capelle, L ; Duffau, H , *Does the left inferior longitudinal fasciculus play a role in language? A brain stimulation study.*, **Brain**, 2007, 130, 623-9
- Mandonnet, E ; Jbabdi, S ; Taillandier, L ; Galanaud, D ; Benali, H ; Capelle, L & al , *Preoperative estimation of residual volume for WHO grade II glioma resected with intraoperative functional mapping.*, **Neuro Oncol**, 2007, 9, 63-9
- Pallud, J ; Mandonnet, E ; Duffau, H ; Kujas, M ; Guillevin, R ; Galanaud, D & al , *Prognostic value of initial magnetic resonance imaging growth rates for World Health Organization grade II gliomas.*, **Ann Neurol**, 2006, 60, 380-3
- Duffau, H ; Mandonnet, E ; Gatignol, P ; Capelle, L , *Functional compensation of the claustrum: lessons from low-grade glioma surgery.*, **J Neurooncol**, 2007, 81, 327-9
- Mandonnet, E ; Capelle, L ; Duffau, H , *Extension of paralimbic low grade gliomas: toward an anatomical classification based on white matter invasion patterns.*, **J Neurooncol**, 2006, 78, 179-85
- Jbabdi, S ; Mandonnet, E ; Duffau, H ; Capelle, L ; Swanson, KR ; Péligrini-Issac, M & al , *Simulation of anisotropic growth of low-grade gliomas using diffusion tensor imaging.*, **Magn Reson Med**, 2005, 54, 616-24
- Duffau, H ; Gatignol, P ; Mandonnet, E ; Peruzzi, P ; Tzourio-Mazoyer, N ; Capelle, L , *New insights into the anatomo-functional connectivity of the semantic system: a study using cortico-subcortical electrostimulations.*, **Brain**, 2005, 128, 797-810
- Mandonnet, E ; Delattre, JY ; Tanguy, ML ; Swanson, KR ; Carpentier, AF ; Duffau, H & al , *Continuous growth of mean tumor diameter in a subset of grade II gliomas.*, **Ann Neurol**, 2003, 53, 524-8