### Professor Dirk De Ridder Publications

#### Book co-edited

Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011

#### Book Chapters (n=37)

1. Van de Heyning P.H., Claes J., Boudewyns A., Hamans E., Koekelkoren E., Brokx J**.**, **De Ridder D**. Surgical management of hearing impairment in audiological medicine. In: Textbook of audiological medicine. Luxon L. [edit.], e.a., London, Dunitz, 2003, p. 603-637
2. Van de Heyning P.H., Lambrechts P., Van der Kelen K., **De Ridder D**. Tinnitus: functionele evaluatie. In Praktische audiologie en audiometrie/ Glen Forton (ed) 2005, p203-9
3. **Dirk De Ridder**, Tomas Menovsky, Paul van de Heyning. Is tinnitus a central auditory processing disorder ? in McFarland D, Cacace A: Controversies in Central Auditory Processing Disorder. Plural Publishing, San Diego, USA, 2008
4. **Dirk De Ridder**, Berthold Langguth, Mark Plazier, Tomas Menovsky. Moral Dysfunction: theoretical model and potential neurosurgical treatments in J Verplaetse et al (ed): The Moral Brain: Essays on the evolutionary and neuroscientific aspects of morality2009, 155-183
5. **Dirk De Ridder**, Berthold Langguth, Mark Plazier, Elsa van der Loo, Tim Vancamp, Jan Ost, Olivier Meeus, Stefan Sunaert, Silvia Kovacs, Tomas Menovsky, Paul Van de Heyning. Auditory cortex stimulation for tinnitus, in Canavero (ed) Textbook of Therapeutic Cortical Stimulation. Nova Science Publishers, New York 2009, 353-362
6. Berthold Langguth, **Dirk de Ridder,** P. Eichhammer, G. Hajak. TMS for tinnitus, in Canavero (ed) Textbook of Therapeutic Cortical Stimulation. Nova Science Publishers, New York 2009, 337-352
7. **Dirk De Ridder**, Berthold Langguth. L’acufene e la corteccia uditiva, in Acufeni. Del Bo Luca (ed) 2009:21-47
8. Berthold Langguth, **Dirk de Ridder**. La TMS nel trattamento dell’acufene. Del Bo Luca (ed) 2009:145-155
9. Berthold Langguth, **Dirk De Ridder**. Stimolazione elettrica cerebrale per il trattamento dell’acufene. Del Bo Luca (ed) 2009:155-165
10. Langguth B, Landgrebe M, Hajak G, **De Ridder D**, Kleinjung T. Tinnitus and Transcranial Magnetic Stimulation (TMS)in Judit Mally (ed): Repetitive transcranial magnetic stimulation (rTMS) in the treatment and rehabilitation of central nervous diseases, in press
11. Berthold Langguth, **Dirk De Ridder**. rTMS for tinnitus in Coben & Evans (eds) Neurofeedback and neuromodulation: techniques and applications, Academic Press (Elsevier), London, UK, 2011: 293-319
12. **D** **De Ridder.** The neurosurgeon, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011: 237-244
13. B Langguth, **D** **De Ridder.** Objective signs of tinnitus in humans: findings from neuroimaging in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:145-148
14. B Langguth, **D** **De Ridder.** Functional neuroimaging in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:149-156
15. **T Kleinjung,** D De Ridder. Causes of Tinnitus, Introduction, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:277-278
16. **D De Ridder,** A Moller. Microvascular compression of the vestibulocochlear nerve in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:327-336
17. B Langguth, Eberhard Biesinger, Luca Del Bo, **D** **De Ridder et al.** Algorithm for the diagnostic and therapeutic management of tinnitus in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:381-386
18. B Langguth, T Kleinjung, **D** **De Ridder.** Clinical characteristics of different forms of tinnitus : Introduction in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:447-448
19. **D** **De Ridder.** Pulsatile Tinnitus, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:467-476
20. **D** **De Ridder,** B Langguth.Posttraumatic Tinnitus in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:511-516
21. **D** **De Ridder**. Vestibular schwannoma and tinnitus, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:681-686
22. B Langguth, **D** **De Ridder**. Neuromodulation, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:687-690
23. S Vanneste, **D** **De Ridder.** tDCS, a new tool for the treatment of tinnitus in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:711-716
24. **D** **De Ridder,** S Vanneste**.** Cortical electrical stimulation, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:717-726
25. **D** **De Ridder.** A heuristic model, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:171-198
26. **D** **De Ridder**, A Moller. Similarities between pain and tinnitus treatment, in Textbook of Tinnitus. A Moller, T Kleinjung, **D De Ridder,** B Langguth**,** (ed). Springer, New York, USA, 2011:753-762
27. M Plazier, I Dekelver, S Vanneste**, D De Ridder**. Peripheral nerve stimulation for fibromyalgia, in K Slavin (ed): Prog Neurol Surg. 2011;24:133-46
28. Berthold Langguth, **Dirk De Ridder**, Tobias Kleinjung, Ana Belén Elgoyhen**.** Chapter 12: Treatment: Pharmacological, rTMS, Epidural and Deep Brain Stimulation. Springer Handbook of Auditory Research, 2011 (in press)
29. Berthold Langguth, Ana Belén Elgoyhen, **Dirk De Ridder**, Richard J. Salvi in G Celesia (ed): Handbook of Clinical Neurophysiology, Volume 10, Chapter 18: Positive Spontaneous Auditory Phenomena: Tinnitus
30. Berthold Langguth, **Dirk De Ridder** in Lozano & Hallet (ed):Handb Clin Neurol. 2013;116C:441-467.
31. **Dirk De Ridder**, Sven Vanneste, Jae-Jin Song, Berthold Langguth. Surgical Brain Stimulation for Tinnitus. Textbook of Cortical Brain Stimulation.Ed; Sergio Canavero. Degruyter Open, 2014
32. Johnson, R.D., **De Ridder, D**., & Gillet, G. Neurosurgery to enhance brain function: Ethical dilemmas for the neuroscientist and society. In S. Thompson (Ed.), Global issues and ethical considerations in human enhancement technologies. Hershey, PA: Information Science Reference (2014).
33. Slavin K, Carayannopoulos A, Plazier M, Vanneste S, **De Ridder D**. Chapter 3: Peripheral Nerve Stimulation in H. Knotkova and D. Rasche (eds.), Textbook of Neuromodulation, Springer 2014
34. **Dirk De Ridder**, Sven Vanneste, Patrick Manning, Gavin Cape, Paul Glue. Pathophysiology –based neuromodulation for addictions. An overview in Neuropathology of Drug Addictions and Substance Misuse
35. Berthold Langguth, Tobias Kleinjung, **Dirk De Ridder.** Chapter 11: Therapeutic applications of rTMS for tinnitus, in Therapeutic rTMS in Neurology - Principles, Evidence, and Practice Guidelines
36. **Dirk De Ridder**, Tim Vancamp, Sven Vanneste. Fundamentals of Burst Stimulation, Chapter 14 in Krames (eds). Neuromodulation, 2nd edition
37. **Dirk De Ridder**, Theresia Stöckl, Wing Tin To, Berthold Langguth, Sven Vanneste. Non-invasive transcranial magnetic and electrical stimulation: working mechanisms, Chapter 8, in (Evans & Turner) Rhythmic Stimulation Procedures for Neuromodulation

#### Papers (290, of which 267 pubmed listed)

##### A. Pubmed listed papers

1. L. De Ridder, Cornelissen R, **D. De Ridder**. Autologous spheroid culture: a screening tool for human brain tumour invasion. Crit Rev Oncol Hematol. 2000; 36(2-3):107-22. Review
2. **D. De Ridder**, A. Moller, J. Verlooy, M. Cornelissen, L. De Ridder. Is the root entry zone important in microvascular compression syndromes? Neurosurgery 51(2):427-434,2002
3. **D. De Ridder**, G. Alessi, M. Lemmerling, H. Fransen L.De Waele. Hemilingual spasm: a new neurosurgical entity. J of Neurosurgery 97:205-7,2002
4. Van Havenbergh T, Koekelkoren E, **De Ridder D**, Van de Heyning P, Verlooy J. Image guided neurosurgery for petrous apex lesions. Acta Neurochirurgica 145(9):737-42, 2003
5. **D. De Ridder**, G. De Mulder, V. Walsh, N Muggleton, S Sunaert, A. Moller. Auditory cortex stimulation for intractable tinnitus. J of Neurosurgery, 100:560-4,2004
6. **D. De Ridder**, A. Moller, H. Ryu, V.Nowé, P. Van de Heyning, J. Verlooy. Functional anatomy of the human cochlear nerve and its role in microvascular compression for tinnitus. Neurosurgery 54(2):381-8,2004
7. Nowe V, Michiels JL, Salgado R, **De Ridder D**, Van de Heyning PH, De Schepper AM, Parizel PM . High-resolution virtual MR endoscopy of the cerebellopontine angle. Am J Roentgenol. 182(2):379-84, 2004
8. **De Ridder D**, De Ridder L, Thierens B, Nowé V, Pieters L, Verlooy J, Van de Heyning P. Pulsatile tinnitus and the intrameatal vascular loop. Neurosurgery 57(6): 1213-7, 2005
9. **D. De Ridder**, A. Moller, H. Ryu, V.Nowé, P. Van de Heyning, J. Verlooy. Frequency specific hearing improvement in microvascular decompression of the cochlear nerve.Acta Neurochir 147(5):495-501, 2005
10. **D. De Ridder**, E Verstraeten, K Van Der Kelen, A. Moller, G De Mulder , P. Van de Heyning, J. Verlooy. Transcranial magnetic stimulation for tinnitus : influence of tinnitus duration on stimulation parameter choice and maximal tinnitus suppression. Otology and Neurotology, 26(4):616-9, 2005
11. Nowe V, **De Ridder D**, Van de Heyning PH, Wang XL, Gielen J, Van Goethem J, Ozsarlak O, De Schepper AM, Parizel PM.Does the location of a vascular loop in the cerebellopontine angle explain pulsatile and non-pulsatile tinnitus? Eur Radiol. 14(12):2282-9, 2004
12. Kovacs S, Peeters R, Smits M, **De Ridder D**, Van Hecke P, Sunaert S. Activation of cortical and subcortical auditory structures at 3T by means of a fMRI paradigm suitable for clinical use. Invest Radiol. 2006 ;41(2):87-96
13. **De Ridder D**, De Mulder G, Kovacs S, Smits M, Sunaert S, Verstraeten E, Van Der Kelen K, Van de Heyning P, Moller A. Primary and secondary auditory cortex stimulation for intractable tinnitus ORL J Otorhinolaryngol Relat Spec. 2006;68(1):48-54
14. **D De Ridder.** Religie in de slaapkwab. Is het Godsbesef een product van de hersenen. Mores 244 (50): 66-69, 2005
15. Smits M, Kovacs S, **De Ridder D**, Peeters R, Van Hecke P, Sunaert S. Lateralization of functional magnetic resonance imaging (fMRI) activation in the auditory pathway of patients with lateralized tinnitus. Neuroradiology. 2007 Aug;49(8):669-679
16. **D De Ridder**, H Fransen, O Francois, P Van de Heyning. Amygdalohippocampal involvement in tinnitus and auditory memory. Acta Otolaryngol Suppl. 2006 (556):50-3.
17. L Salembier, **D De Ridder**, P Van de Heyning. The use of flupirtine in the treatment of tinnitus. Acta Otolaryngol Suppl. 2006 Nov;(556):93-5.
18. Londero, B. Langguth, **D. De Ridder**, P. Bonfils, J.P. Lefaucheur. Repetitive transcranial magnetic stimulation (rtms): a new diagnostic and therapeutic approach in subjective tinnitus? Neurophysiol Clin. 2006 May-Jun;36(3):145-55
19. **Dirk De Ridder**,Karin M. Heijneman, Benno C.M. Haarman, Elsa van der Loo. Tinnitus in vascular conflict of the eighth cranial nerve: a surgical pathophysiological approach to ABR changes. Prog Brain Res. 2007;166:401-11
20. Menovsky T, **De Ridder D**. Hydrodissection versus high-pressure water jet dissection (letter). Microsurgery. 2007;27(4):354.
21. **Dirk De Ridder**, Tomas Menovsky. Neurovascular compression of the abducens nerve causing abducens palsy treated by microvascular decompression. Case report. J Neurosurg 2007 107:1231–1234.
22. **Dirk De Ridder**, Tomas Menovsky, Carl Van Laer, Paul van de Heyning. Remote tentorial meningioma causing sudden sensorineural deafness. Surgical Neurology 67, 2008; 70(3):312-7 (Discussion 318).
23. **Dirk De Ridder**, Koen Van Laere, Patrick Dupont, Tomas Menovsky, Paul van de Heyning. Visualizing out of body experience in the brain. N Engl J Med. 2007 357(18):1829-33
24. Dirk De Ridder, Paul van de Heyning. The Darwinian Plasticity Hypothesis for Tinnitus and Pain. Prog Brain Res. 2007;166:55-60
25. Langguth B, Goodey R, Azevedo A, Bjorne A, Cacace A, Crocetti A, Del Bo L, **De Ridder D** et al Consensus for tinnitus patient assessment and treatment outcome measurement: Tinnitus Research Initiative meeting, Regensburg, July 2006. Prog Brain Res. 2007;166:525-36
26. **D De Ridder**, G De Mulder, T Menovsky, S Sunaert, S Kovacs. Electrical stimulation of auditory and somatosensory cortices for treatment of tinnitus and pain. Prog Brain Res. 2007;166:377-88
27. Dominique Van Diest, Hendrik De Raeve, Jozef Claes, Paul M. Parizel, **Dirk De Ridder**, Patrick Cras. Paraneoplastic Opsoclonus-Myoclonus-Ataxia (OMA) syndrome in an adult patient with esthesioneuroblastoma. J Neurol. 2008 Apr;255(4):594-6.
28. **Dirk De Ridder**, Elsa Van der Loo, Karolien Van der Kelen, Tomas Menovsky, Paul van de Heyning, Aage Moller.Theta, alpha and beta burst transcranial magnetic stimulation: brain modulation in tinnitus. Int J Medical Sciences, 4(5):237-241, 2007
29. **Dirk De Ridder**, Elsa Van der Loo, Karolien Van der Kelen, Tomas Menovsky, Paul van de Heyning, Aage Moller. Burst and tonic magnetic transcranial stimulation modulate the lemniscal and extralemniscal system differentially. Int J Medical Sciences, 4(5):242-6, 2007
30. Plazier M, Menovsky T, **De Ridder D**. A simple technique for bridging small dural defects without the use of grafts. Technical note. Minim Invas Neurosurg 2007; 50: 308 – 310
31. Menovsky T, **De Ridder D**. A simple intraoperative technique for hemostasis of a cervical venous plexus bleeding. Technical report. Neurosurgery. 2008 May;62(5 Suppl 2):ONS442-4; discussion ONS444
32. Menovsky T, **De Ridder D**, de Vries J. Neurosurgical patties and their intraoperative interaction with neural tissue. Surgical Neurology 71 (2009) 326–329
33. **De Ridder D**, De Mulder G, Kovacs S, Smits M, Sunaert S, Verstraeten E, Van Der Kelen K, Verlooy J, Van de Heyning P, Moller A. Auditory cortex stimulation for tinnitus. Acta Neurochir Suppl. 97(pt2):451-62, 2007
34. **De Ridder D**, De Mulder G, Kovacs S, Smits M, Sunaert S, Verstraeten E, Moller A. Somatosensory cortex stimulation for deafferentation pain. Acta Neurochir Suppl. 97(pt2):67-74, 2007
35. **De Ridder D,** Smits M, Kovacs S, Peeters R, Van Hecke P, Sunaert S Comment on Dr. Folmer's letter to the editor entitled "Lateralization of neural activity associated with tinnitus". Neuroradiology. 2007 Aug;49(8):693-6
36. **D** De Ridder, T Menovsky, P Van de Heyning. An otoneurosurgical approach to non-pulsatile and non-pulsatile tinnitus. B-ENT. 2007;3 Suppl 7:79-86
37. Van de Heyning P, Lefevre P, **De Ridder D.** Tinnitus: from cochlear to cortical. B-ENT. 2007;3 Suppl 7:1-2
38. P. Van de Heyning, O.Meeus, C.Blaivie, K.Vermeire, A.Boudewyns, **D. De Ridder**. Tinnitus: a multidisciplinary clinical approach. B-ENT. 2007;3 Suppl 7:3-10.
39. K. Demeester, A. van Wieringen, JJ. Hendrickx, V. Topsakal, L. Van Laer, E. Fransen, G. Van Camp, **D. De Ridder**, P. Van de Heyning. Prevalence of tinnitus and audiometric shape. B-ENT. 2007;3 Suppl 7:37-49
40. M Thimineur, **D De Ridder**. C2 area neurostimulation: a surgical treatment for fibromyalgia. Pain Med. 2007 Dec;8(8):639-46.
41. Michael D. Seidman, **Dirk De Ridder**, Kost Elisevich, Susan M. Bowyer, Ilaaf Darrat, Jason Dria, Brad Stach, Quan Jiang, Norman Tepley, James Ewing, Marlee Seidman, Jinsheng Zhang. Direct Electrical Stimulation of Heschl’s Gyrus for Tinnitus Treatment. Laryngoscope 108, Dec 2008; 118(3):491-500.
42. Vermeire K, Heyndrickx K, **De Ridder D,** Van de Heyning P. Phase-shift tinnitus treatment: an open prospective clinical trial.B-ENT. 2007;3 Suppl 7:65-9.
43. [Boudewyns AN](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Boudewyns%20AN%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Declau F](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Declau%20F%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [De Ridder D](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22De%20Ridder%20D%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Parizel PM](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Parizel%20PM%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [van den Ende J](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22van%20den%20Ende%20J%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Van de Heyning PH](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Van%20de%20Heyning%20PH%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Case report: "Auditory neuropathy" in a newborn caused by a cerebellopontine angle arachnoid cyst. Int J Pediatr Otorhinolaryngol. 2008 Jun;72(6):905-9
44. [Daems T](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Daems%20T%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Verhelst J](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Verhelst%20J%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Michotte A](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Michotte%20A%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Abrams P](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abrams%20P%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [De Ridder D](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22De%20Ridder%20D%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Abs R](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abs%20R%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Modification of hormonal secretion in clinically silent pituitary adenomas. Pituitary. 2009;12(1):80-6
45. **D** De Ridder, T Menovsky, P Van de Heyning. Auditory cortex stimulation for tinnitus suppression. Otol Neurotol. 2008 Jun;29(4):574-5; author reply 575.
46. Langguth B, **de Ridder D**, Dornhoffer JL, Eichhammer P, Folmer RL, Frank E, Fregni F, Gerloff C, Khedr E, Kleinjung T, Landgrebe M, Lee S, Lefaucheur JP, Londero A, Marcondes R, Moller AR, Pascual-Leone A, Plewnia C, Rossi S, Sanchez T, Sand P, Schlee W, Pysch D, Steffens T, van de Heyning P, Hajak G. Controversy: Does repetitive transcranial magnetic stimulation/ transcranial direct current stimulation show efficacy in treating tinnitus patients? Brain Stimul. 2008 Jul;1(3):192-205
47. M Landgrebe, K Rosengarth, S Braun, A Koch, T Kleinjung, A May, **D De Ridder**, G Hajak, B Langguth. Structural brain changes in tinnitus: Gray matter decrease in auditory and nonauditory brain areas. Neuroimage (2009):15;46(1):213-8
48. P. Van de Heyning, K.Vermeire, M Diebl, P Nopp, I Anderson, **D.De Ridder**. Incapacitating unilateral tinnitus in single-sided deafness treated by cochlear implantation. Ann Otol Rhinol Laryngol 2008;117(9):645-52
49. Kools D, Menovsky T, Ost J, **De Ridder D**. A small modification to a decompressive craniotomy to improve brain-cranium interface: technical note. Minimal Invasive Neurosurg 2009:52(1):59-60
50. Tomas Menovsky, **Dirk De Ridder**, Gert De Mulder. Placement of an electrode array as a dural substitute in dorsal column stimulation. Technical note. Minimal Invasive Neurosurg 2009:52(1):53-55
51. **De Ridder D**, Vanneste S, Menovsky T, Van de Heyning P, Moller A. Microvascular decompression for tinnitus: significant improvement for tinnitus intensity without improvement for distress. A 4 year limit. Neurosurgery. 2010 Apr;66(4):656-60.
52. **Dirk De Ridder**, Sven Vanneste, Tim Vancamp, Mark Plazier, Elsa van der Loo & Tomas Menovsky. Burst spinal cord stimulation: towards paresthesia free pain suppression. Neurosurgery. 2010; 66(5):986-90
53. Elsa van der Loo, Steffen Gais, Marco Congedo, Sven Vanneste, Mark Plazier, Tomas Menovsky, Paul Van de Heyning, **Dirk De Ridder**. Tinnitus intensity dependent gamma band activation of the contralateral auditory cortex. PlosONE 2009: 4(10):e7396
54. **Dirk De Ridder**, Guy Hans, Philippe Pals, Tomas Menovsky. C-fiber mediated neuropathic brachioradial pruritus. J Neurosurgery 2010; Jul:113(1):118-21
55. Sven Vanneste, Mark Plazier, Jan Ost, Olivier Meeus, Paul Van de Heyning, **Dirk De Ridder.** A rapid assessment of tinnitus-related psychological distress: Validation of the Mini-TQ in a Dutch population. B-ENT: 2011;7(1):31-6
56. Sven Vanneste, Mark Plazier, Jan Ost, Paul Van de Heyning, **Dirk De Ridder.** Burst transcranial magnetic stimulation: which tinnitus characteristics influence the amount of transient tinnitus suppression? Eur J Neurol. 2010 : 17(9):1141-7
57. Sven Vanneste, Mark Plazier, Jan Ost, Elsa van der Loo, Paul Van de Heyning, **Dirk De Ridder.** Bilateral modulation of dorsolateral prefrontal cortex for tinnitus by transcranial direct current stimulation: a preliminary study. Exp Brain Res. 2010; 202(4):779-85.
58. Meeus O, Blaivie C, Ost J, **De Ridder D,** Van de Heyning P. Influence of Tonic and Burst Transcranial Magnetic Stimulation Characteristics on Acute Inhibition of Subjective Tinnitus. Otol Neurotol. 30(6):697-703, 2009
59. Meeus OM, **De Ridder D**, Van de Heyning PH. Transcranial Magnetic Stimulation (TMS) in tinnitus patients. B-ENT. 2009;5(2):89-100.
60. Congedo M, John RE, **De Ridder D**, Prichep L, Isenhart R. [On the "Dependence" of "Independent" Group EEG Sources; an EEG Study on Two Large Databases.](http://www.ncbi.nlm.nih.gov/pubmed/19802727?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Brain Topogr. 2009; 23(2):134-8.
61. Meeus O, Heyndrickx K, Lambrechts P, **De Ridder D**, Van de Heyning P. Phase-shift treatment for tinnitus of cochlear origin. Eur Arch Otorhinolaryngol. 2010 Jun;267(6):881-8
62. Van Loock K, Menovsky T, Voormolen MH, Plazier M, Parizel P, **De Ridder D**, Maas AI, Hernesniemi JA. Microsurgical removal of Onyx HD-500 from an aneurysm for relief of brainstem compression J Neurosurg. 2010; 113(4):770-3
63. Meeus OM, Spaepen M, **De Ridder D**, Van de Heyning PH. Correlation between hyperacusis measurements in daily ENT practice. Int J Audiol. 2010: 49(1):7-13
64. Langguth B, Kleinjung T, Landgrebe M, **de Ridder D**, Hajak G. rTMS for the treatment of tinnitus: The role of neuronavigation for coil positioning. Neurophysiol Clin. 2010; 40(1):45-58.
65. Sven Vanneste, Mark Plazier, Elsa van der Loo, Paul Van de Heyning, Marco Congedo, **Dirk De Ridder.** The neural correlates of tinnitus related distress. Neuroimage 2010; 15;52(2):470-80
66. Sven Vanneste, Mark Plazier, Paul Van de Heyning, **Dirk De Ridder.** Transcutaneous electrical nerve stimulation (TENS) of upper cervical nerve (C2) for the treatment of somatic tinnitus. Exp Brain Research 2010 ;204(2):283-7
67. **De Ridder D**, Vanneste S, Kovacs S, Sunaert S, Menovsky T, Van de Heyning P, Moller A. Transcranial magnetic stimulation and extradural electrode implants on secondary auditory cortex for tinnitus suppression. J Neurosurgery 2011; 114(4):903-11.
68. **De Ridder D**, Elsa van der Loo, Vanneste S, Gais S, Plazier M, Kovacs S, Sunaert S, Menovsky T, Van de Heyning P. Theta-gamma dysrhythmia and auditory phantom perception: a case report. J Neurosurgery 2011; 114(4):903-11
69. Van Loock K, Plazier M, **De Ridder D**, Menovsky T. Fenestrated clips. J Neurosurg. 2010; 113(2):395-6; author reply 396-7
70. Congedo M, John RE, **De Ridder D**, Prichep L. Group independent component analysis of resting state EEG in large normative samples. Int J Psychophysiol. 2010; 78(2):89-99
71. Vanneste S, Plazier M, van der Loo E, Van de Heyning P, **De Ridder D**. The difference between uni- and bilateral auditory phantom percept. Clin Neurophys 2011; 122(3):578-87
72. Vanneste S, Plazier M, van der Loo E, Van de Heyning P, **De Ridder D.** [The differences in brain activity between narrow band noise and pure tone tinnitus.](http://www.ncbi.nlm.nih.gov/pubmed/21048975) PLoS One. 2010 Oct 27;5(10):e13618.
73. Meeus O, **De Ridder D**, Van de Heyning P. Administration of the Combination Clonazepam-Deanxit as Treatment for Tinnitus. Otol Neurotol 2011; 32(4):701-9.;
74. Sven Vanneste, Wing Ting T, **Dirk De Ridder.** The psychometric properties of the Tinnitus Handicap Questionnaire in a Dutch-speaking population. Clin Otolaryngol. 2011; 36(1):9-16.
75. Vanneste S, Focquaert F,Van de Heyning P, **De Ridder D**. Different resting state brain activity and functional connectivity in patients who respond and not respond to bifrontal tDCS for tinnitus suppression. Exp Brain Res. 2011 Apr;210(2):217-27
76. Vanneste S, Plazier M,Van de Heyning P, **De Ridder D**. Repetitive transcranial magnetic stimulation: frequency dependent tinnitus improvement by double cone coil prefrontal stimulation. J Neurol Neurosurg Psychiatry 2011; 82(10):1160-4.
77. **D De Ridder**, AB Elgoyhen, R Romo, B Langguth. Phantom percepts as maladaptive aversive memory traces. PNAS 2011: 108(20):8075-80
78. **De Ridder D**, Vanneste S, Kovacs S, Sunaert S, Dom G. Transient alcohol craving suppression by rTMS of dorsal anterior cingulate: an fMRI and LORETA EEG study. Neuroscience letters 2011; 496(1):5-10
79. Zeman F, Koller M, Figueiredo R, Aazevedo A, Rates M, Coelho C, Kleinjung T, **De Ridder D**, Langguth B, Landgrebe M. Tinnitus Handicap Inventory for evaluating treatment effects: which changes are clinically relevant? Otolaryngol Head Neck Surg. 2011; 145(2):282-7.
80. Vonhögen L, Vancamp T, Vanneste S, Pollet W, Dirksen R, Bakker P, Mestrom I, van de Looij T, Plazier M, **De Ridder D**. Percutaneously implanted plate electrodes in failed back surgery syndrome (FBSS). Neuromodulation 2011; 14(4):319-25
81. Kovacs S, Peeters R, **De Ridder D**, Menovsky T, Sunaert S. Central nervous system effects of electrical stimulation of the occipital nerve: a fMR imaging study. Neuromodulation 2011; 14: 46–57
82. A Kleine Punkte, K Vermeire, A Hofkens, M De Bodt, **D De Ridder**, P Van de Heyning. Cochlear implantation as a durable tinnitus treatment in single-sided deafness. Cochlear implants international 2011 (12):26-29
83. Vanneste S, **De Ridder D.** The use of alcohol as a moderator for tinnitus-related distress. Brain Topography 2012 Jan; 25(1):97-105.
84. Vanneste S, **De Ridder D.** Bifrontal transcranial direct current stimulation modulates tinnitus intensity and tinnitus-distress-related brain activity. European Journal of Neuroscience 2011,34(4):605-14
85. **De Ridder D**, Vanneste S, Congedo M. The distressed brain: an independent component analysis in tinnitus. PlosOne 2011;6(10):e24273
86. Vanneste S, **De Ridder D.** The neural network of phantom sound changes over time: a comparison between recent-onset and chronic tinnitus patients. European Journal of Neuroscience 2011; 34(5):718-31.
87. A Ladeira,F Fregni, C Campanhã, C Valasek, **D De Ridder**, A Brunoni, P Boggio. Polarity-dependent transcranial direct current stimulation effects on central auditory processing. PlosOne 2011; 6(9):e25399
88. Van Loock K, Menovsky T, Kamerling N, **De Ridder D**. Cranial bone flap fixation using a new device (Cranial Loop). Minim Invas Neurosurg 2011; 54:119-124
89. Menovsky T, **De Ridder D**. A new flexible and 360° rotating shaft needle-holder for microneurosurgery. Technical note. Minim Invas Neurosurg 2011; 54:1-2
90. **De Ridder D**, Vanneste S, Van de Heyning P, Menovsky T. Dorsolateral prefrontal cortex TMS and electrode implant for intractable tinnitus: case report. World Neurosurgery 2012 May-Jun 77(5-6):778-84.
91. Van der Loo E, Congedo M, Vanneste S, De Heyning PV, **De Ridder** **D**. Insular lateralization in tinnitus distress. Auton Neurosci. 2011; 165(2):191-4.
92. Vanneste S, Van de Heyning P, **De Ridder D.** Contralateral Parahippocampal Gamma-Band activity determines noise-like tinnitus laterality: a region of interest analysis. Neuroscience 2011; 199:481-90.
93. Plazier M, Joos, K, Ost J, Vanneste S, **De Ridder D.** Bifrontal and bioccipital transcranial direct current stimulation (tDCS) does not induce mood changes in healthy volunteers: a placebo controlled study. Brain Stimulation 2012 Oct; 5(4):454-61.
94. Saldien V, Menovsky T, Rommens M, Van der Steen G, Van Loock K, Vermeersch G, Mott C, Bosmans J, **De Ridder D**, Maas AI. Rapid ventricular pacing for flow arrest during cerebrovascular surgery: Revival of an old concept. Neurosurgery 2012; 70(2) Suppl: 270-5.
95. Vanneste S, Langguth B, **De Ridder D.** Do tDCS and TMS influence tinnitus transiently via a direct cortical and indirect somatosensory modulating effect? A combined TMS-tDCS and TENS study. Brain Stimul. 2011 Oct;4(4):242-52.
96. Faber M, Vanneste S, Fregni F, **De Ridder D**. Top down prefrontal affective modulation of tinnitus with multiple sessions of tDCS of dorsolateral prefrontal cortex. Brain Stimul. 2012 Oct 5;(4):492-8.
97. Menovsky T, Van Loock K, Wang WT, Ferraz-Leite H, **De Ridder D**. A Simple Method for Evaluating the Quality of Microvascular Anastomoses Performed In Vitro. World Neurosurg 2012 ; 7792):388-90.
98. **De Ridder D**, Vanneste S, Adriaensens I, Lee AP, van de Heyning P, Möller A. Vascular compression of the cochlear nerve and tinnitus: a pathophysiological investigation. Acta Neurochir (Wien). 2012: 154(5):807-13
99. Meeus O, **De Ridder D**, Van de Heyning P. Administration of the combination clonazepam-deanxit as treatment for tinnitus. Otol Neurotol. 2011 Jun;32(4):701-9.
100. Vanneste S, Joos K, **De Ridder D**. Prefrontal cortex based sex differences in tinnitus perception: same tinnitus intensity, same tinnitus distress, different mood. PLoS One. 2012;7(2):e31182
101. Elgoyhen AB, Langguth B, Vanneste S, **De Ridder D**. Tinnitus: network pathophysiology-network pharmacology. Front Syst Neurosci. 2012;6:1.
102. Vanneste S, **De Ridder D**. Noninvasive and Invasive Neuromodulation for the Treatment of Tinnitus: An Overview. Neuromodulation. 2012 Jul; 15(4):350-60.
103. Langguth B, Schecklmann M, Lehner A, Landgrebe M, Poeppl TB, Kreuzer PM, Schlee W, Weisz N, Vanneste S, **De Ridder** **D**. Neuroimaging and neuromodulation: complementary approaches for identifying the neuronal correlates of tinnitus. Front Syst Neurosci. 2012;6:15.
104. Vanneste S, Figueiredo R, **De Ridder D**. Treatment of tinnitus with cyclobenzaprine: an open-label study. Int J Clin Pharmacol Ther. 2012; 50(5):338-44
105. Vanneste S, **De Ridder D.** The auditory and non-auditory brain areas involved in tinnitus. An emergent property of multiple parallel overlapping subnetworks. Front Syst Neurosci. 2012;6:31
106. Gilles A, **De Ridder D**, Van Hal G, Wouters K, Kleine Punte A, Van de Heyning P. Prevalence of Leisure Noise-Induced Tinnitus and the Attitude Toward Noise in University Students. Otol Neurotol. 2012 Aug;33(6):899-906.
107. Joos K, Vanneste D, **De Ridder D**. Disentangling depression and distress networks in the tinnitus brain. PLoS One. 2012;7(7):e40544
108. Landgrebe M, Azevedo A, Baguley D, Bauer C, Cacace A, Coelho C, Dornhoffer J, Figueiredo R, Flor H, Hajak G, van de Heyning P, Hiller W, Khedr E, Kleinjung T, Koller M, Lainez JM, Londero A, Martin WH, Mennemeier M, Piccirillo J, **De Ridder D**, Rupprecht R, Searchfield G, Vanneste S, Zeman F, Langguth B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. J Psychosom Res. 2012 Aug;73(2):112-21
109. Vanneste S, **De Ridder D**. The involvement of the left ventrolateral prefrontal cortex in tinnitus: a TMS study. Exp Brain Res. 2012 Sep;211(3):345-50.
110. Vanneste S, van der Loo E, Plazier M, **De Ridder D.** Parietal double-cone coil stimulation in tinnitus. Exp Brain Res. 2012 Sep; 221(3):337-43.
111. Song JJ, **De Ridder** **D**, Van de Heyning P, Vanneste S. Mapping Tinnitus-Related Brain Activation: An Activation-Likelihood Estimation Meta-analysis of PET Studies. J Nucl Med. 2012 Oct;53(10):1550-7.
112. De Ridder D, Vanneste S. EEG Driven tDCS Versus Bifrontal tDCS for Tinnitus. Front Psychiatry. 2012;3:84
113. **D De Ridder**, JJ Song, S Vanneste. Frontal Cortex TMS for tinnitus. Brain Stimulation 2013 May;6(3):355-62.
114. Dammekens E, Vanneste S, Ost J, **De Ridder D**. Neural correlates of high frequency repetitive transcranial magnetic stimulation improvement in post-stroke non-fluent aphasia: a case study. Neurocase. 2014;20(1):1-9.
115. Vanneste S, De Ridder D. Differences between a single session and repeated sessions of 1 Hz TMS by double-cone coil prefrontal stimulation for the improvement of tinnitus. Brain Stimulation 2013 Mar;6(2):155-9.
116. Vanneste S, Ost J, Langguth B, **De Ridder D**. TMS by double-cone coil prefrontal stimulation for medication resistant chronic depression: A case report. Neurocase. 2013 Mar;6(2):155-9.
117. Vanneste S, Azevedo A, **De Ridder D**. The effect of naltrexone on the perception and distress in tinnitus: an open-label pilot study. Int J Clin Pharmacol Ther. 2013 Jan; 51(1):5-11.
118. Vanneste S, van Dongen M, De Vree B, Hiseni S, van der Velden E, Strydis C, Kathleen J, Norena A, Serdijn W, **De Ridder D**. Does enriched acoustic environment in humans abolish chronic tinnitus clinically and electrophysiologically? A double blind placebo controlled study. Hear Res. 2013 Feb;296:141-8.
119. **D De Ridder**, S Vanneste, T Menovsky, B Langguth. Surgical brain modulation for tinnitus: the past, the present and the future. J Neurosurg Sci 2012;56:323-40
120. Song JJ, Vanneste S, Van de Heyning P, **De Ridder D.** Transcranial direct current stimulation in tinnitus patients: a systemic review and meta-analysis. ScientificWorldJournal. 2012; 427941
121. **De Ridder D**, Vanneste S, Van Laere K, Menovsky T. Chasing map plasticity in neuropathic pain: Case report. World Neurosurg. 2013 Dec;80(6):901.e1-5.
122. Verhoeven S, **De** **Ridder** **D**, Venstermans C, Van de Heyning P. CT cisternography for presurgical evaluation of arachnoid cyst: case report. B-ENT. 2012;8(4):289-94.
123. Kreuzer PM, Landgrebe M, Schecklmann M, Staudinger S, Langguth B; TRI Database Study Group (**De Ridder D**, …). Trauma-associated tinnitus: audiological, demographic and clinical characteristics. PLoS One. 2012;7(9):e45599
124. Zeman F, Koller M, Schecklmann M, Langguth B, Landgrebe M; TRI database study group **(De Ridder D, …)**. Tinnitus assessment by means of standardized self-report questionnaires: psychometric properties of the Tinnitus Questionnaire (TQ), the Tinnitus Handicap Inventory (THI), and their short versions in an international and multi-lingual sample. Health Qual Life Outcomes. 2012;10:128
125. Vanneste S, Walsh V, Van De Heyning P, **De Ridder D**. Comparing immediate transient tinnitus suppression using tACS and tDCS: a placebo-controlled study. Exp Brain Res. 2013 Apr;226(1):25-31.
126. **De Ridder D**, Plazier M, Kamerling N, Menovsky T, Vanneste S. Burst spinal cord stimulation for limb and back pain. World Neurosurg. 2013 Nov;80(5):642-649 e1.
127. Song JJ, **De Ridder D**, Schlee W, Van de Heyning P, Vanneste S. "Distressed aging": the differences in brain activity between early- and late-onset tinnitus. Neurobiol Aging. 2013 Jul;34(7):1853-63.
128. Song JJ, Punte AK, **De Ridder D**, Vanneste S, Van de Heyning P. Neural substrates predicting improvement of tinnitus after cochlear implantation in patients with single-sided deafness. Hear Res. 2013 May; 299:1-9.
129. Punte AK, **De Ridder D**, Van de Heyning P. On the necessity of full length electrical cochlear stimulation to suppress severe tinnitus in single-sided deafness. Hear Res. 2013 Jan;295:24-9.
130. Vanneste S, **De Ridder D**. Brain areas controlling heart rate variability in tinnitus and tinnitus-related distress. PLoS One. 2013; 8(3):e59728.
131. Gilles A, **De Ridder D**, Van de Heyning P. No cochlear dead regions detected in non-pulsatile tinnitus patients: An assessment with the threshold equalizing noise (sound pressure level) test. Noise Health. 2013 Mar-Apr;15(63):129-33
132. **De Ridder D**, Vanneste S, Weisz N, Londero A, Schlee W, Elgoyhen AB, Langguth B. An integrative model of auditory phantom perception: tinnitus as a unified percept of interacting separable subnetworks. Neurosci Biobehav Rev. 2014 Jul;44C:16-32.
133. D De Ridder, S Vanneste, W Freeman. The Bayesian brain: phantom percepts resolve sensory uncertainty. Neuroscience & Biobehavioral Reviews 2014 Jul; 44C:4-15.
134. **De Ridder D**, Vanneste S, Menovsky T. Pulsatile Tinnitus due to a Tortuous Siphon-Like Internal Carotid Artery Successfully Treated by Arterial Remodeling. Case Reports in Otolaryngology 2013:938787.
135. Song JJ, **De Ridder D**, Weisz N, Schlee W, Van de Heyning P, Vanneste S. Hyperacusis-associated pathological resting-state brain oscillations in the tinnitus brain: a hyperresponsiveness network with paradoxically inactive auditory cortex. Brain Struct Funct. 2014 May;219(3):1113-28.
136. **De Ridder D**, Verplaetse J, Vanneste S. The predictive brain and the "free will" illusion. Front Psychol. 2013 Apr 30:4:131.
137. Mertens G, Punte AK, **De Ridder D**, de Heyning PV. Tinnitus in a single-sided deaf ear reduces speech reception in the nontinnitus ear. Otol Neurotol. 2013 Jun;34(4):662-6.
138. Vanneste S, Congedo M, **De Ridder D**. Pinpointing a Highly Specific Pathological Functional Connection That Turns Phantom Sound into Distress. Cereb Cortex. 2014 Sep;24(9):2268-82.
139. Vanneste S, Song JJ, **De Ridder D**. Tinnitus and musical hallucinosis: The same but more. Neuroimage 2013 Nov 15;82:373-83.
140. **De Ridder D**, Plazier M, Menovsky T, Kamerling N, Vanneste S. C2 Subcutaneous Stimulation for Failed Back Surgery Syndrome: A Case Report. Neuromodulation. 2013 Nov-Dec; 16(6):610-3.
141. Gilles A, Van Hal G, **De Ridder D**, Wouters K, Van de Heyning P. Epidemiology of Noise-Induced Tinnitus and the Attitudes and Beliefs towards Noise and Hearing Protection in Adolescents. PLoS One. **2013** Jul 24;8(7):e70297
142. Langguth B, Kreuzer PM, Kleinjung T, **De Ridder D**. Tinnitus: causes and clinical management. Lancet Neurol. 2013 Sep;12(9):920-30
143. Kreuzer PM, Landgrebe M, Vielsmeier V, Kleinjung T, **De Ridder D**, Langguth B. Trauma-Associated Tinnitus. J Head Trauma Rehabil. 2013 Aug 26 [Epub ahead of Print].
144. Plazier M, Dekelver I, Vanneste S, Stassijns G, Menovsky T, Thimineur M, **De Ridder D**. Occipital Nerve Stimulation in Fibromyalgia: A Double-Blind Placebo-Controlled Pilot Study With a Six-Month Follow-Up. Neuromodulation 2014 Apr;17(3):256-64.
145. Song JJ, Vanneste S, Schlee W, Van de Heyning P, **De Ridder D**. Onset-related differences in neural substrates of tinnitus-related distress: the anterior cingulate cortex in late-onset tinnitus, and the frontal cortex in early-onset tinnitus. Brain Struct Funct. 2015 Jan;220(1):571-84
146. **De Ridder D**, Vanneste S, Engineer ND, Kilgard MP. Safety and Efficacy of Vagus Nerve Stimulation Paired With Tones for the Treatment of Tinnitus: A Case Series. Neuromodulation 2014 Feb;17(2):170-9.
147. Luigjes J, Breteler R, Vanneste S, **de Ridder D**. Neuromodulation as an intervention for addiction: overview and future prospects. Tijdschrift Psychiatrie. 2013;55(11):841-52
148. **De Ridder D**, Vanneste S. The artful mind: sexual selection and an evolutionary neurobiological approach to aesthetic appreciation. Perspect Biol Med. 2013;56(3):327-40
149. Vanneste S, Fregni F, **De Ridder D**. Head-to-Head Comparison of Transcranial Random Noise Stimulation, Transcranial AC Stimulation, and Transcranial DC Stimulation for Tinnitus. Front Psychiatry. 2013;4:158
150. Elgoyhen AB, Langguth B, Nowak W, Schecklmann M, **De Ridder** D, Vanneste S. Identifying tinnitus-related genes based on a side-effect network analysis. CPT Pharmacometrics Syst Pharmacol. 2014 Jan 29;3:e97.
151. Vanneste S, Joos K, Langguth B, To WT, **De Ridder D**. Neuronal Correlates of Maladaptive Coping: An EEG-Study in Tinnitus Patients. PLoS One. 2014 Feb 18;9(2):e88253
152. Joos K, Gilles A, Van de Heyning P, **De Ridder D**, Vanneste S. From sensation to percept: the neural signature of auditory event-related potentials. Neurosci Biobehav Rev 2014 Feb 28;42c:148-156.
153. [Zeman F](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Zeman%20F%5BAuthor%5D&cauthor=true&cauthor_uid=24422941), [Koller M](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Koller%20M%5BAuthor%5D&cauthor=true&cauthor_uid=24422941), [Langguth B](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Langguth%20B%5BAuthor%5D&cauthor=true&cauthor_uid=24422941), [Landgrebe M](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Landgrebe%20M%5BAuthor%5D&cauthor=true&cauthor_uid=24422941); [Figueiredo R](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Figueiredo%20R), [Aazevedo A](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Aazevedo%20A), [Rates M](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Rates%20M), [Binetti C](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Binetti%20C), [Elgoyhen AB](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Elgoyhen%20AB), [**De Ridder D**](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=De%20Ridder%20D), [Vanneste S](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Vanneste%20S), [Staudinger S](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Staudinger%20S), [Frank E](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Frank%20E), [Kreuzer P](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Kreuzer%20P), [Poeppl T](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Poeppl%20T), [Lehner A](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Lehner%20A), [Schecklmann M](http://www.ncbi.nlm.nih.gov.ezproxy.otago.ac.nz/pubmed?term=Schecklmann%20M). Which tinnitus-related aspects are relevant for quality of life and depression: results from a large international multicentre sample. Health Qual Life Outcomes. 2014 Jan 14;12(1):7.
154. Schecklmann M, Landgrebe M, Langguth B, …, **De Ridder D**,.. Phenotypic characteristics of hyperacusis in tinnitus. PLoS One 2014 Jan 31;9(1):e86944.
155. de Vos CC, Bom MJ, Vanneste S, Lenders MW, **De Ridder D**. Burst spinal cord stimulation evaluated in patients with failed back surgery syndrome and painful diabetic neuropathy. Neuromodulation. 2014 Feb;17(2):152-9
156. Joos K, **De Ridder D**, Van de Heyning P, Vanneste S. Polarity specific suppression effects of transcranial direct current stimulation for tinnitus. Neural Plast. 2014
157. **De Ridder D**, Lenders MW, De Vos CC, Dijkstra-Scholten C, Wolters R, Vancamp T, Van Looy P, Van Havenbergh T, Vanneste S. A Two Center Comparative Study on Tonic Versus Burst Spinal Cord Stimulation: Amount of Responders and Amount of Pain Suppression. Clin J Pain 2014
158. Plazier M, Ost J, Stassijns G, **De Ridder D**, Vanneste S. Pain characteristics in fibromyalgia: understanding the multiple dimensions of pain. Clin Rheumatol. 2014
159. Lefaucheur JP, André-Obadia N, Antal A, Ayache SS, Baeken C, Benninger DH, Cantello RM, Cincotta M, de Carvalho M, **De Ridder D**, Devanne H, Di Lazzaro V, Filipović SR, Hummel FC, Jääskeläinen SK, Kimiskidis VK, Koch G, Langguth B, Nyffeler T, Oliviero A, Padberg F, Poulet E, Rossi S, Rossini PM, Rothwell JC, Schönfeldt-Lecuona C, Siebner HR, Slotema CW, Stagg CJ, Valls-Sole J, Ziemann U, Paulus W, Garcia-Larrea L. Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). Clin Neurophysiol. 2014
160. **De Ridder D**, Joos K, Vanneste S. The enigma of the tinnitus-free dream state in a Bayesian world. Neural Plast. 2014;2014:612147
161. **De Ridder D**, Vanneste S. Targeting the Parahippocampal Area by Auditory Cortex Stimulation in Tinnitus. Brain Stimul. 2014
162. Song JJ, Mertens G, Deleye S, Staelens S, Ceyssens S, Gilles A, de Bodt M, Vanneste S, **De Ridder D**, Kim E, Park SJ, Van de Heyning P. Neural Substrates of Conversion Deafness in a Cochlear Implant Patient: A Molecular Imaging Study Using H215O-PET. Otol Neurotol. 2014 Dec;35(10):1780-4
163. Escolano C, Navarro-Gil M, Garcia-Campayo J, Congedo M, **De Ridder D**, Minguez J. A controlled study on the cognitive effect of alpha neurofeedback training in patients with major depressive disorder. Front Behav Neurosci. 2014
164. **De Ridder D**, Vancamp T, Lenders MW, De Vos CC, Vanneste S. Is Preoperative Pain Duration Important in Spinal Cord Stimulation? A Comparison Between Tonic and Burst Stimulation. Neuromodulation. 2014
165. Van Havenbergh T, Vancamp T, Van Looy P, Vanneste S, **De Ridder D**. Spinal Cord Stimulation for the Treatment of Chronic Back Pain Patients: 500-Hz vs. 1000-Hz Burst Stimulation. Neuromodulation. 2014
166. Joos K, **De Ridder D**, Boey RA, Vanneste S. Functional connectivity changes in adults with developmental stuttering: a preliminary study using quantitative electro-encephalography. Front Hum Neurosci. 2014 Oct 13;8:783
167. **De Ridder D**, Vanneste S, Plazier M, Vancamp T. Mimicking the brain: evaluation of St Jude Medical's Prodigy Chronic Pain System with Burst Technology. Expert Rev Med Devices. 2014 Dec 6:1-8.
168. Laura Claes, Hannah Stamberger, Paul Van de Heyning, **Dirk De Ridder**, Sven Vanneste. Auditory cortex tACS and tRNS for tinnitus: single versus multiple sessions. Neural Plasticity 2014
169. Kreuzer PM, Schecklmann M, Lehner A, Wetter TC, Poeppl TB, Rupprecht R, **de Ridder D**, Landgrebe M, Langguth B. The ACDC Pilot Trial: Targeting the Anterior Cingulate by Double Cone Coil rTMS for the Treatment of Depression. Brain Stimul.2014
170. Vermeersch G, Menovsky T, **De Ridder D**, De Bodt M, Saldien V, Van de Heyning P. Life-threatening macroglossia after posterior fossa surgery: a surgical positioning problem? B-ENT. 2014;10(4):309-13.
171. Claes L, Stamberger H, Van de Heyning P, **De Ridder D**, Vanneste S. Auditory Cortex tACS and tRNS for Tinnitus: Single versus Multiple Sessions. Neural Plast 2014:436713
172. Vanneste S, **De Ridder D**. Distress state dependent seed based functional connectivity on resting state EEG in tinnitus. Brain Connect. 2015
173. Song JJ, Vanneste S, Lazard DS, Van de Heyning P, Park JH, Oh SH, **De Ridder D**. The role of the salience network in processing lexical and nonlexical stimuli in cochlear implant users: An ALE Meta-Analysis of PET Studies. Hum Brain Mapp. 2015
174. Joos K, **De Ridder D**, Vanneste S. The differential effect of low- versus high-frequency random noise stimulation in the treatment of tinnitus. Exp Brain Res. 2015
175. **De Ridder D**, Kilgard M, Engineer N, Vanneste S. Placebo-Controlled Vagus Nerve Stimulation Paired with Tones in a Patient with Refractory Tinnitus: A Case Report. Otol Neurotol. 2015
176. **De Ridder D**, Vanneste S. Multitarget surgical neuromodulation: Combined C2 and auditory cortex implantation for tinnitus. Neurosci Lett. 2015
177. Vanneste S, Van De Heyning P, **De Ridder D.** Tinnitus: A Large VBM-EEG Correlational Study. PLoS One. 2015:17;10(3):e011512
178. **De Ridder D**, Congedo M, Vanneste S. The neural correlates of subjectively perceived and passively matched loudness perception in auditory phantom perception. Brain Behav. 2015
179. Song JJ, Vanneste S, **De Ridder D**. Dysfunctional Noise Cancelling of the Rostral Anterior Cingulate Cortex in Tinnitus Patients. PLoS One. 2015 Apr 13;10(4):e0123538
180. Plazier M, Ost J, Stassijns G, **De Ridder D,** Vanneste S. C2 Nerve Field Stimulation for the Treatment of Fibromyalgia: A Prospective, Double-blind, Randomized, Controlled Cross-over Study. Brain Stimul. 2015
181. Plazier M, Ost J, Snijders E, Gilbers M, Vancamp T, **De Ridder D**, Vanneste S. Laser-Evoked Potentials in Fibromyalgia: The Influence of Greater Occipital Nerve Stimulation on Cerebral Pain Processing. Neuromodulation 2015
182. **De Ridder D**, Vanneste S, Langguth B and Llinas R. Thalamocortical dysrhythmia: a theoretical update in tinnitus. Front. Neurol. 2015: 6:124.
183. Shekhawat GS, Sundram F, Bikson M, Truong D, **De Ridder D**, Stinear CM, Welch D, Searchfield GD. Intensity, Duration, and Location of High-Definition Transcranial Direct Current Stimulation for Tinnitus Relief. Neurorehabil Neural Repair. 2015
184. Evans MC, Clark VW, Manning PJ, **De Ridder D**, Reynolds JN. Optimizing Deep Brain Stimulation of the Nucleus Accumbens in a Reward Preference Rat Model. Neuromodulation. 2015; 18(7):531-40
185. Plazier M, Tchen S, Ost J, Joos K, **De Ridder D**, Vanneste S. Is Transcranial Direct Current Stimulation an Effective Predictor for Invasive Occipital Nerve Stimulation Treatment Success in Fibromyalgia Patients? Neuromodulation. 2015; 18(7):623-9; discussion 629
186. **De Ridder D**, Joos K, Vanneste S. Anterior cingulate implants for tinnitus: report of 2 cases. J Neurosurg. 2015
187. Elgoyhen AB, Langguth B, **De Ridder D**, Vanneste S. Tinnitus: perspectives from human neuroimaging. Nat Rev Neurosci. 2015
188. Plazier M, Camp TV, Mevnosky T, Ost J, **De Ridder D**, Vanneste S. A Simple Technique for Surgical Placement of Occipital Nerve Stimulators without Anchoring the Lead. J Neurol Surg A Cent Eur Neurosurg. 2015
189. **De Ridder D**, Sime MJ, Taylor P, Menovsky T, Vanneste S. Microvascular Decompression of the Optic Nerve for Paroxysmal Phosphenes and Visual Field Deficit. World Neurosurg. 2016 Jan;85:367.e5-9.
190. Yoo HB, **De Ridder D**, Vanneste S. White Matter Changes in Tinnitus: Is It All Age and Hearing Loss? Brain Connect. 2015
191. **De Ridder D**, Vanneste S. Burst and Tonic Spinal Cord Stimulation: Different and Common Brain Mechanisms. Neuromodulation. 2016 Jan;19(1):47-59.
192. Vanneste S, **De Ridder D.** Deafferentation-based pathophysiological differences in phantom sound: Tinnitus with and without hearing loss. Neuroimage. 2015 pii: S1053-8119(15)01115-5
193. **De Ridder D**, Vanneste S. Visions on the future of medical devices in spinal cord stimulation: what medical device is needed? Expert Rev Med Devices. 2015
194. Mohan A, **De Ridder D**, Vanneste S. Graph theoretical analysis of brain connectivity in phantom sound perception. Sci Rep. 2016
195. To WT, Hart J Jr, **De Ridder D**, Vanneste S. Considering the influence of stimulation parameters on the effect of conventional and high-definition transcranial direct current stimulation. Expert Rev Med Devices. 2016
196. Mohan A, **De Ridder D**, Vanneste S. Emerging hubs in phantom perception connectomics. Neuroimage Clin. 2016; 11:181-94
197. Vanneste S, Faber M, Langguth B, **De Ridder D**. The neural correlates of cognitive dysfunction in phantom sounds. Brain Res 2016
198. Song JJ, An GS, Choi I, **De Ridder D**, Kim SY, Choi HS, Park JH, Choi BY, Koo JW, Lee K. Objectification and Differential Diagnosis of Vascular Pulsatile Tinnitus by Transcanal Sound Recording and Spectrotemporal Analysis: A Preliminary Study. Otol Neurotol 2016
199. **De Ridder D**, Manning P, Glue P, Cape G, Langguth B, Vanneste S. Anterior Cingulate Implant for Alcohol Dependence. Neurosurgery 2016
200. Alsalman O, Ost J, Vanspauwen R, Blaivie C, **De Ridder D**, Vanneste S. The Neural Correlates of Chronic Symptoms of Vertigo Proneness in Humans. PLoS One. 2016
201. Mohan A, **De Ridder D**, Vanneste S. Robustness and dynamicity of functional networks in phantom sound. Neuroimage 2016
202. Kim SH, Jang JH, Lee SY, Han JJ, Koo JW, Vanneste S, **De Ridder D**, Song JJ. Neural substrates predicting short-term improvement of tinnitus loudness and distress after modified tinnitus retraining therapy. Sci Rep. 2016; 6:29140
203. Acquadro MA1, Congedo M, **De Ridder D**. Music Performance as an Experimental Approach to Hyperscanning Studies. Front Hum Neurosci. 2016;10: 242.
204. Yoo HB, **De Ridder D**, Vanneste S. The Importance of Aging in Gray Matter Changes Within Tinnitus Patients Shown in Cortical Thickness, Surface Area and Volume. Brain Topogr. 2016
205. Matheson NA, Shemmell JB, **De Ridder D**, Reynolds JN. Understanding the Effects of Repetitive Transcranial Magnetic Stimulation on Neuronal Circuits. Front Neural Circuits. 2016
206. **De Ridder D**, Manning P, Leong SL, Ross S, Sutherland W, Horwath C, Vanneste S. The brain, obesity and addiction: an EEG neuroimaging study. Sci Rep. 2016 Sep 23;6:34122
207. To WT, Ost J, Hart J Jr, **De Ridder D**, Vanneste S. The added value of auditory cortex transcranial random noise stimulation (tRNS) after bifrontal transcranial direct current stimulation (tDCS) for tinnitus. J Neural Transm (Vienna). 2016
208. **De Ridder D**, Leong SL, Manning P, Vanneste S, Glue P. Case Report: Anterior Cingulate Implant for Obsessive Compulsive Disorder. World Neurosurg. 2016 S1878-8750(16)31034-8
209. Lefaucheur JP, Antal A, Ayache SS, Benninger DH, Brunelin J, Cogiamanian F, Cotelli M, **De Ridder D**, Ferrucci R, Langguth B, Marangolo P, Mylius V, Nitsche MA, Padberg F, Palm U, Poulet E, Priori A, Rossi S, Schecklmann M, Vanneste S, Ziemann U, Garcia-Larrea L, Paulus W. Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clin Neurophysiol. 2016 Oct 29;128(1):56-92
210. **De Ridder D**, Manning P, Leong SL, Ross S, Vanneste S. Allostasis in health and food addiction. Sci Rep. 2016 Nov 23;6:37126.
211. **De Ridder D**, Vanneste S. Occipital Nerve Field Transcranial Direct Current Stimulation Normalizes Imbalance Between Pain Detecting and Pain Inhibitory Pathways in Fibromyalgia. Neurotherapeutics. 2016
212. Mohan A, Moreno N, Song JJ, **De Ridder D**, Vanneste S. Evidence for behaviorally segregated, spatio-temporally overlapping subnetworks in phantom sound perception. Brain Connect. 2017
213. To WT, James E, Ost J, Hart J Jr, **De Ridder D**, Vanneste S. Differential effects of bifrontal and occipital nerve stimulation on pain and fatigue using transcranial direct current stimulation in fibromyalgia patients. J Neural Transm (Vienna). 2017
214. **De Ridder D**, Perera S, Vanneste S. State of the Art: Novel Applications for Cortical Stimulation. Neuromodulation. 2017
215. He J, Zhu Y, Aa J, Smith PF, De Ridder D, Wang G, Zheng Y. Brain Metabolic Changes in Rats following Acoustic Trauma. Front Neurosci. 2017 Mar 24;11:148
216. **De Ridder D**, Perera S, Vanneste S. Are 10 kHz Stimulation and Burst Stimulation Fundamentally the Same? Neuromodulation. 2017
217. Song JJ, Kim K, Sunwoo W, Mertens G, Van de Heyning P, **De Ridder D,** Vanneste S, Lee SY, Park KJ, Choi H, Choi JW. A Quantitative Electroencephalography Study on Cochlear Implant-Induced Cortical Changes in Single-Sided Deafness with Tinnitus. Front Hum Neurosci. 2017;18;11:210.
218. To WT, De Ridder D, Menovsky T, Hart J, Vanneste S. The role of the dorsal Anterior Cingulate Cortex (dACC) in a cognitive and emotional counting Stroop task: Two cases. Restor Neurol Neurosci. 2017;35(3):333-345
219. Vanneste S, Ost J, Van Havenbergh T, **De Ridder D**. Resting state electrical brain activity and connectivity in fibromyalgia. PLoS One. 2017 Jun 26;12(6):e0178516
220. Lee SY, Nam DW, Koo JW, **De Ridder D**, Vanneste S, Song JJ. No auditory experience, no tinnitus: Lessons from subjects with congenital- and acquired single-sided deafness. Hear Res. 2017 Aug 15;354:9-15
221. Yoo HB, Ost J, Joos W, Van Havenbergh T, **De Ridder D**, Vanneste S. Adding Prefrontal Transcranial Direct Current Stimulation before Occipital Nerve Stimulation in Fibromyalgia. Clin J Pain. 2017
222. Leong SL, **De Ridder D**, Vanneste S, Sutherland W, Ross S, Manning P. High definition transcranial pink noise stimulation of anterior cingulate cortex on food craving: An explorative study. Appetite 2017
223. Ahmed S, Yearwood T, **De Ridder D**, Vanneste S. Burst and high frequency stimulation: underlying mechanism of action. Expert Rev Med Devices. 2018 Jan;15(1):61-70
224. Huang Y, Mohan A, **De Ridder D**, Sunaert S, Vanneste S. The neural correlates of the unified percept of alcohol-related craving: a fMRI and EEG study. Sci Rep. 2018 Jan 17;8(1):923
225. Han JJ, Jang JH, **De Ridder D**, Vanneste S, Koo JW, Song JJ. Increased parietal circuit-breaker activity in delta frequency band and abnormal delta/theta band connectivity in salience network in hyperacusis subjects. PLoS One. 2018 Jan 25;13(1):e0191858
226. Mohan A, Alexandra SJ, Johnson CV, **De Ridder D**, Vanneste S. Effect of distress on transient network dynamics and topological equilibrium in phantom sound perception. Prog Neuropsychopharmacol Biol Psychiatry. 2018 Feb 1. pii: S0278-5846(17)30878-3
227. Vanneste S, Song JJ, **De Ridder D.** Thalamocortical dysrhythmia detected by machine learning. Nat Commun. 2018 Mar 16;9(1):1103.
228. To WT, **De Ridder D**, Hart J Jr, Vanneste S. Changing Brain Networks Through Non-invasive Neuromodulation. Front Hum Neurosci. 2018 Apr 13;12:128
229. Pattyn T, Vanneste S, De Ridder D, Van Rompaey V, Veltman DJ, Van de Heyning P, Sabbe B, Van Den Eede F. Differential electrophysiological correlates of panic disorder in non-pulsatile tinnitus. J Psychosom Res. 2018 Jun;109:57-62.
230. Vanneste S, Alsalman O, **De Ridder D**. COMT and the neurogenetic architecture of hearing loss induced tinnitus. Hear Res. 2018 Jun 1;365:1-15.
231. Mohan A, De Ridder D, Idiculla R, DSouza C, Vanneste S. Distress-dependent temporal variability of regions encoding domain-specific and domain-general behavioral manifestations of phantom percepts. Eur J Neurosci. 2018
232. Bin Yoo H, Concha EO, **De Ridder D**, Pickut BA, Vanneste S. The Functional Alterations in Top-Down Attention Streams of Parkinson's disease Measured by EEG. Sci Rep. 2018 Jul 13;8(1):10609.
233. Palumbo DB, Alsalman O, **De Ridder D**, Song JJ, Vanneste S. Misophonia and Potential Underlying Mechanisms: A Perspective. Front Psychol. 2018 Jun 29;9:953.
234. Hullfish J, Abenes I, Kovacs S, Sunaert S, **De Ridder D**, Vanneste S. Functional brain changes in auditory phantom perception evoked by different stimulus frequencies. Neurosci Lett. 2018
235. Leong SL, Vanneste S, Lim J, Smith M, Manning P, **De Ridder D**. A randomised, double-blind, placebo-controlled parallel trial of closed-loop infraslow brain training in food addiction. Sci Rep. 2018 Aug 3;8(1):11659
236. Vanneste S, To WT, **De Ridder D**. Tinnitus and neuropathic pain share a common neural substrate in the form of specific brain connectivity and microstate profiles. Prog Neuropsychopharmacol Biol Psychiatry. 2018 Aug 21
237. Huang Y, Hullfish J, **De Ridder D**, Vanneste S. Meta-analysis of functional subdivisions within human posteromedial cortex. Brain Struct Funct. 2018
238. Vanneste S, Alsaman O, **De Ridder D.** Top-down and bottom-up regulated auditory phantom perception. J Neurosci. 2018 Nov 2. pii: 0966-18
239. Kreuzer PM, Downar J, **de Ridder D**, Schwarzbach J, Schecklmann M, Langguth B. A Comprehensive Review of Dorsomedial Prefrontal Cortex rTMS Utilizing a Double Cone Coil. Neuromodulation. 2018
240. Hullfish J, Abenes I, Kovacs S, Sunaert S, **De Ridder D**, Vanneste S. Functional connectivity analysis of fMRI data collected from human subjects with chronic tinnitus and varying levels of tinnitus-related distress. Data Brief. 2018 Oct 19;21:779-789
241. Ahmed S, Plazier M, Ost J, Stassijns G, Deleye S, Ceyssens S, Dupont P, Stroobants S, Staelens S, **De Ridder D**, Vanneste S. The effect of occipital nerve field stimulation on the descending pain pathway in patients with fibromyalgia: a water PET and EEG imaging study. BMC Neurol. 2018 Nov 12;18(1):191
242. Mohan A, Davidson C, **De Ridder D**, Vanneste S. Effective connectivity analysis of inter- and intramodular hubs in phantom sound perception - identifying the core distress network. Brain Imaging Behav. 2018
243. Hullfish J, Abenes I, Yoo HB, De Ridder D, Vanneste S. Frontostriatal network dysfunction as a domain-general mechanism underlying phantom perception. Hum Brain Mapp. 2019
244. Yearwood T, **De Ridder D**, Yoo HB, Falowski S, Venkatesan L, Ting To W, Vanneste S. Comparison of Neural Activity in Chronic Pain Patients During Tonic and Burst Spinal Cord Stimulation Using Fluorodeoxyglucose Positron Emission Tomography. Neuromodulation. 2019
245. Sang-Yeon Lee, Jihye Rhee, Ye Ji Shim, Yoonjoong Kim, Ja-Won Koo, **Dirk De Ridder**, Sven Vanneste, Jae-Jin Song. Changes in the resting-state cortical oscillatory activity 6 months after modified tinnitus retraining therapy. Frontiers in Neuroscience 2019