

## PUBLICATION LIST

### • ORIGINAL PAPERS

1. De Pieri M, **Castelnovo A**, Miano S, Manconi M. The diagnostic and therapeutic value of time in bed extension in Insufficient Sleep Syndrome. *Sleep Medicine*, 2025, 128:219-228. IF / SJR 2024: 3.8 / 1.368.
2. **Castelnovo A**<sup>^</sup>, Mainieri G, Loddo G, Balafas S, Brombin C, Balella G, Montini A, Di Serio C, Manconi M, Provini F<sup>^</sup>. Spectral Dynamics Prior to Motor Events Differ Between NREM Sleep Parasomnias and Healthy Sleepers. *Sleep*, 2025, 48(3):zsae252. IF / SJR 2024: 5.3 / 1.717.
3. **Castelnovo A**, Casetta C, Cavallotti S, Marcatili M, Del Fabro L, Canevini MP, Sarasso S, D'Agostino A. Proof-of-concept evidence for high-density EEG investigation of sleep slow wave traveling in First-Episode Psychosis. *Scientific Reports*, 2024, 14:6826.  
4. IF / SJR 2024: 3.88 / 0.900.
5. Parabiaghi A, Rossi AA, **Castelnovo A**, Del Fabro L, Mannarini S, Percudani ME; CCM2013 Project team (corporate authorship). The Italian version of the 16-item Prodromal Questionnaire (PQ-16) and its psychometric features in help-seeking ultra-high-risk subjects and in the general population. *Early Intervention in Psychiatry*, 2024. 18(10):814-827. IF / SJR 2023: 2.721 / 1.037.
6. De Pieri M, Bueltemann L, Tedone F, Riccardi S, **Castelnovo A**, Miano S, Manconi M. Clinical and instrumental features in 82 patients with insufficient sleep syndrome. *Journal of Sleep Research*, 2024, 33(3):e14076. IF / SJR 2024: 5.296 / 1.302.
7. **Castelnovo A**<sup>^</sup>, Lividini A, Riedner BA, Avvenuti G, Jones SG, Miano S, Tononi G, Manconi M, Bernardi G. Origin, synchronization, and propagation of sleep slow waves in children. *Neuroimage*, 2023, 274:120133. IF / SJR 2023: 7.400 / 2.512.
8. Moro M, Pastore VP, Marchesi G, Proserpio P, Tassi L, **Castelnovo A**, Manconi M, Nobile G, Cordani R, Gibbs SA, Odone F, Casadio M, Nobili L. Automatic video analysis and classification of sleep-related hypermotor seizures and disorders of arousal. *Epilepsia*, 2024, 64(6):1653-1662. IF / SJR 2023: 6.740 / 1.893.
9. Turner K\*, **Castelnovo A**<sup>\*</sup>, Perogamvros L, Cloninger RC, Galbiati A, Bertolotti A, Proserpio P, Terzaghi M, Manni R, Ferini-Strambi L, Nobili L, Manconi M, Canevini MP, Zambrelli E. Psychobiological personality traits of children and adolescents with disorders of arousal. *Journal of Psychiatry Research*, 2023, 158:42-48. IF / SJR 2023: 5.250 / 1.554.
10. Mainieri G & Loddo G, **Castelnovo A**, Balella G, Cilea R, Mondini S, Manconi M, Provini F. EEG activation does not differ in simple and complex episodes of Disorders of Arousal: a spectral analysis study. *Nature and Science of Sleep*, 2022, 14:1097-1111. IF / SJR 2022: 4.990 / 1.715.
11. **Castelnovo A**<sup>^</sup>, Lividini A, Manconi M, Miano S. Sleep high-density EEG scalp power topography in unmedicated children/adolescents with attention-deficit/hyperactivity disorder. *Children*, 2022, 9:197. IF / SJR 2022: 2.835 / 0.504.
12. Sparasci D, Gobbi C, **Castelnovo A**, Riccitelli GC, Disanto G, Zecca C, Manconi M. Fatigue, sleepiness and depression in multiple sclerosis: defining the overlaps for a better phenotyping. *Journal of Neurology*. 2022, 269(9):4961-4971. IF / SJR 2022: 6.682 / 1.556.
13. **Castelnovo A**, Ferri R, Galbiati A, Rossi A, Zucconi M, Castronovo V, Strambi LF. Extreme sleep state misperception: from psychopathology to objective and subjective sleep measures. *International Journal of Psychophysiology*, 2021, 167:77-85. IF / SJR 2021: 2.740 / 0.902.
14. Ferri R, Sparasci D, **Castelnovo A**, Miano S, Tanioka K, Tachibana N, Carelli C, Riccitelli GC, Disanto G, Zecca C, Gobbi C, Manconi M. Leg movement activity during sleep in multiple sclerosis with and without RLS. *Journal of Clinical Sleep Medicine*, 2021, 18:11-20. IF / SJR 2020: 4.324 / 0.866.
15. Miano S, **Castelnovo A**, Bruni O, Manconi M. Sleep microstructure in attention deficit hyperactivity disorder according to the underlying sleep phenotypes. *Journal of Sleep Research*, 2021, 24:e13426. IF / SJR 2021: 5.296 / 1.357.
16. Riccitelli GC, Disanto G, Sacco R, Sparasci D, Sacco L, **Castelnovo A**, Miano S, Manconi M, Gobbi C, Zecca C. Contribution of sleep disturbances to fatigue in MS: a prospective study using clinical and polysomnographic parameter. *European Journal of Neurology*, 2021, 28:3139-3146. IF / SJR 2021: 6.288 / 1.662.
17. **Castelnovo A**<sup>^</sup>, Loddo G, Miano S, Provini F, Manconi M. Mental activity during episodes of sleepwalking and night terrors episodes in children and adults. *Nature and Science of Sleep*, 2021, 13:829-840. IF / SJR 2021: 4.609 / 0.973.

18. Sparasci D, Ferri R, **Castelnovo A**, Miano S, Tanioka K, Tachibana N, Carelli C, Disanto G, Riccitelli G, Zecca C, Gobbi C, Manconi M. Restless Legs Syndrome and Periodic Limb Movements in 86 patients with Multiple Sclerosis. *Sleep*, 2021, 15:zsab066. IF / SJR 2021: 6.313 / 1.518.
19. Jones S\*, **Castelnovo A\***, Riedner BA, Notterman S, Flaherty B, Benca R, Herringa R. Sleep and emotion processing in Pediatric Post-traumatic stress disorder. *Journal of Sleep Research*, 2021, 13:e13261. IF / SJR 2021: 5.296 / 1.357.
20. **Castelnovo A\*** & Turner K\*, Rossi A, Galbiati A, Gagliardi A, Proserpio P, Nobili L, Terzaghi M, Manni R, Strambi LF, Manconi M, Miano S, Zambrelli E, Canevini MP. Behavioral and emotional profiles of children and adolescents with disorders of arousal. *Journal of Sleep Research*, 2020, 30:e13188. IF / SJR 2020: 3.981 / 1.297.
21. **Castelnovo A\***, Zago M, Casetta C, Zangani C, Donati F, Cavevini MP, Riedner BA, Tononi G, Ferrarelli F, Sarasso S, D'Agostino A. Traveling slow waves as a marker of dysconnectivity in Schizophrenia First Degree Relatives and First Episode Psychosis. *Schizophrenia Research*, 2020: 221:37-43. IF / SJR 2020: 4.939 / 1.923.
22. Baird B, **Castelnovo A**, Riedner BA, Lutz A, Ferrarelli F, Boly M, Davidson RJ, Tononi G. Human Rapid Eye Movement Sleep Shows Local Increases in Low-Frequency Oscillations and Global Decreases in High-Frequency Oscillations Compared to Resting Wakefulness. *eNeuro*, 2018, 29:5. IF / SJR 2018: 3.473 / 2.218.
23. Baird B, **Castelnovo A**, Gosseries O, Tononi G. Frequent lucid dreaming associated with increased functional connectivity between frontopolar cortex and temporoparietal association areas. *Scientific reports*, 2018, 8:17798. IF / SJR 2018: 4.011 / 1.414.
24. D'Agostino A\* & **Castelnovo A\***, Cavallotti S, Casetta C, Marcatili M, Gambini O, Canevini MP, Tononi G, Riedner B, Ferrarelli F, Sarasso C. Sleep endophenotypes of Schizophrenia: Slow waves and sleep spindles in unaffected First-Degree Relatives. *Nature partner journal – Schizophrenia*, 2018, 14:470-481. IF / SJR 2018: 2.341 / 2.341.
25. **Castelnovo A\*** & Brady R\*, Smith R, Tononi G, Boly M, Benca R. Scalp and source power topography in sleepwalking and sleep terrors: a high-density EEG study. *Sleep*, 2016: 39(10):1815-1825. IF / SJR 2016: 4.923 / 2.436.
26. Ostinelli EG, Cavallotti S, **Castelnovo A**, Guanella E, Gambini O, D'Agostino A. Asenapine in the Treatment of Acute Mania: A Real-World Observational Study With 6 Months Follow-Up. *Journal of Clinical Psychopharmacology*, 2015, 35:553-8. IF / SJR 2015: 3.243 / 1.154.
27. Benedetti F, Poletti S, Radaelli D, Ranieri R, Genduso V, Cavallotti S, **Castelnovo A**, Smeraldi E, Scarone S, D'Agostino D. Right hemisphere neural activations in the recall of waking fantasies and of dreams, *Journal of Sleep Research*, 2015, 24:576-82. IF / SJR 2015: 3.376 / 1.393.
28. Cavallotti S, **Castelnovo A**, Ranieri R, D'Agostino A. Stability of cognition across wakefulness and dreams in psychotic major depression. *Psychiatry Research*, 2014, 216:31-6. IF / SJR 2014: 3.049 / 1.316.

## SCIENTIFIC LETTERS

1. **Castelnovo A\*** & Amacker J, Maiolo M, Amato N, Pereno M, Riccardi S, Danani A, Ulzega S, Manconi M. High density EEG power topography and connectivity during confusional arousal. *Cortex*, 2022, 155:62-74. IF / SJR 2022: 4.644 / 1.303.
2. Galbiati A, Sforza M, Leitner C, **Castelnovo A**, Ferini-Strambi Luigi, Manconi M, Castronovo V. The reliability of objective total sleep time in predicting the effectiveness of cognitive-behavioral therapy for insomnia. *Sleep Medicine (Short communication)*, 2021, 82:43-46. IF / SJR 2021: 3.969 / 1.038.

## • SYSTEMATIC REVIEWS

1. Tomic T, Mombelli S, Oana S, Ferini-Strambi L, Raballo A, Manconi M, Galbiati A, **Castelnovo A\***. Psychopathology and NREM sleep parasomnias: a systematic review. *Sleep Medicine Reviews*. 2025, 80:102043. doi: 10.1016/j.smr.2024.102043. Epub 2024 Dec 15. IF / SJR 2023: 11.401 / 3.053.
2. **Castelnovo A\***, Schraemli, Schenck CH, Manconi M. The Parasomnia Defense in Sleep-Related Homicide: A systematic review and a critical analysis of the medical literature. *Sleep Medicine Reviews*. 2024, 74:101898. doi: 10.1016/j.smr.2024.101898. IF / SJR 2023: 11.401 / 3.053.
3. Tanioka K, **Castelnovo A\***, Tachibana N, Miano S, Gobbi C, Manconi M. Framing multiple sclerosis under a polysomnographic perspective. *Sleep*, 2020, 43:zsz232. IF / SJR 2020: 5.849 / 2.222.
4. **Castelnovo A\***, Ferri R, Punjabi NM, Castronovo V, Garbazza C, Zucconi M, Ferini-Strambi L, Manconi M. Paradoxical insomnia: a theoretical review towards a unifying evidence-based definition. *Sleep Medicine Reviews*, 2018, 44:70-82. IF / SJR 2018: 10.517 / 3.545.
5. **Castelnovo A**, Cavallotti S, Gambini O, D'Agostino A. Post-bereavement hallucinatory experiences: A critical overview of population and clinical studies. *Journal of Affective Disorders*, 2015, 186:266-74. IF / SJR 2020: 4.511 / 1.945.

## • NARRATIVE REVIEWS

1. **Castelnovo A<sup>^</sup>**, Spaggiari S, Siclari F, Borth D, Manconi M, Arnulf I, Schenck CH. Mental activity during Non-Rapid Eye Movement sleep parasomnias across the life-span. *Neuroscience & Biobehavioral Reviews*, 2024, 167:105919. IF / SJR 2024: 8.2 / 2.81
2. Mainieri G, Loddo G, Provini F, Nobili L, Manconi M, **Castelnovo A<sup>^</sup>**. Diagnosis and Management of NREM Sleep Parasomnias in Children and Adults. *Diagnostics (Basel)*, 2023, 13(7):1261. IF / SJR 2023: 3.992 / 0.670.
3. Perogramvros L, **Castelnovo A**, Samson D, Dang-Vu TT. Failure of fear extinction in insomnia: an evolutionary perspective. *Sleep Medicine Reviews*, 2020, 51:101277. IF / SJR 2020: 11.609 / 4.268.
4. D'Ambrosio S\* & **Castelnovo A\***, Guglielmi O, Garbarino S, Nobili L, Sarasso S. Sleepiness as a local phenomenon. *Frontiers in Human Neuroscience*, 2019, 13:1086. IF / SJR 2019: 3.153 / 1.284.
5. **Castelnovo A\*** & Lopez R\*, Proserpio P, Nobili L, Dauvilliers Y. NREM sleep parasomnias as disorders of sleep state dissociation. *Nature Reviews Neurology*, 2018, 14:470-481. IF / SJR 2018: 21.155 / 6.010.
6. **Castelnovo A**, Graziano B, Ferrarelli F, D'Agostino A. Sleep spindles and slow waves in Schizophrenia and related disorders: main findings, challenges, and future perspectives. *European Journal of Neuroscience*, 2018, 48:2738-2758. IF / SJR 2018: 2.784 / 1.501.
7. **Castelnovo A\*** & D'Agostino A\*, Casetta C, Sarasso S, Ferrarelli F. Sleep Spindle deficit in Schizophrenia: contextualization of recent findings. *Current Psychiatry Reports*, 2016, 18:72. IF / SJR 2016: 4.244 / 1.619.

## • OPINION PAPERS

1. **Castelnovo A**, Ferrarelli F, D'Agostino A. Schizophrenia: from neurophysiological abnormalities to clinical symptoms. *Frontiers in Psychology*, 2015, 6:478. IF / SJR 2015: 2.446 / 1.250.
2. D'Agostino A, **Castelnovo A**, Scarone S. Dreaming and the neurobiology of self: recent advances and implications for psychiatry. *Frontiers in Psychology*, 2013, 4:680. IF / SJR 2013: 2.693 / 1.395.

## • CASE REPORTS

1. **Castelnovo A<sup>^</sup>**, Loddo G, Manconi M. Vivid and prolonged dreams during sleepwalking episodes. *Sleep Medicine – Video Clinical Corner Section*, 2021, 82:61-64. IF / SJR 2021: 3.842 / 1.038.
2. **Castelnovo A**, Aquilino D, Parabiaghi A, D'Agostino A. Could CBT sustain long-term remission without antipsychotic medication in schizophrenia? *Schizophrenia Research*, 2020, 222:491-492. IF / SJR 2020: 4.939 / 1.923.
3. Chiaro G, **Castelnovo A**, Bianco G, Maffei P, Manconi M. Severe Chronic Abuse of Zolpidem in Refractory Insomnia. *Journal of Clinical Sleep Medicine*, 2018, 14:1257-1259. IF/SJR 2018: 3.456 / 1.237.
4. **Castelnovo A**, Zambrelli E, Canevini MP, Cavallotti S, Scarone S, D'Agostino A. Occipital seizures and visual pseudo hallucinations associated with the addition of bupropion to clozapine: a case report. *Journal of Clinical Psychopharmacology*, 2015, 35:97-9. IF / SJR 2015: 3.243 / 1.154.
5. D'Agostino A, **Castelnovo A**, Cavallotti S, Scarone S. The Truman Show delusion: a prototypical case. *British Journal of Psychiatry*, published online. IF / SJR 2012: 4.202 / 3.212.

## • LETTERS

1. Demartini B, Marotta A, **Castelnovo A**, Del Piccolo L, Nisticò V, Gambini O, Tinazzi M. Towards a tailored psychotherapy for patients with functional neurological disorders. *Journal of Affective Disorders*, 2022, 15:313:260-262. IF/SJR 2022: 6.600 / 1.988.
2. Galbiati A, Sforza M, Leitner C, **Castelnovo A**, Ferini-Strambi Luigi, Manconi M, Castronovo V. Reply to: The reliability of objective total sleep time in predicting the effectiveness of cognitive-behavioral therapy for insomnia; methodological issues on reliability and prediction. *Sleep Medicine*, 2021, 85:105-106. IF / SJR 2021: 4.842 / 1.038.

## • BOOK CHAPTERS

1. D'Agostino A, **Castelnovo A**, Scarone S. Non-pathological associations – sleep and dreams, deprivation, and bereavement, 2015, in: D. Collerton, U.P. Mosimann, E.K. Perry (Eds.), *The Neuroscience of Visual Hallucinations*, Wiley-Blackwell.
2. D'Agostino A, **Castelnovo A**, Ferrarelli F. Sleep in Schizophrenia, 2021, in: *Principle and Practice of Sleep Medicine*, 7th Edition.
3. Zucconi M, **Castelnovo A**, Galbiati A, Casoni F, Ferini-Strambi L. Impact of Medical and Neurological disorders in parasomnias, 2023, in: Kushida, C.A. (Ed.), *Encyclopedia of Sleep and Circadian Rhythms*, Second Edition (SLS2), vol. 5. Elsevier, Academic Press.

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