

Lavori in extenso in riviste peer-reviewed

1. Greco A, Messerotti Benvenuti S, Gentili C, Palomba D, Scilingo EP, Valenza G. Assessment of linear and nonlinear/complex heartbeat dynamics in subclinical depression (dysphoria). *Physiol Meas*. 2018 Mar 29;39(3):034004. **IF 2.05**
2. Greco A, Benvenuti SM, Gentili C, Palomba D, Valenza G, Scilingo EP. Nonlinear analysis of heart rate variability for the assessment of Dysphoria. *Conf Proc IEEE Eng Med Biol Soc*. 2017 Jul;2017:3170-3173.
3. Gentili C, Messerotti Benvenuti S, Palomba D, Greco A, Scilingo EP, Valenza G. Assessing mood symptoms through heartbeat dynamics: An HRV study on cardiosurgical patients. *J Psychiatr Res*. 2017 Dec;95:179-188. **IF 4.18**
4. Gentili C, Cristea IA, Ricciardi E, Vanello N, Popita C, David D, Pietrini P. Not in one metric: Neuroticism modulates different resting state metrics within distinctive brain regions. *Behav Brain Res*. 2017 Jun 1;327:34-43. **IF 3.08**
5. D. Menicucci, C. **Gentili**, A. Piarulli, M. Laurino, S. Pellegrini, F. Mastorci, R. Bedini, D. Montanaro, L. Sebastiani, A. Gemignani. Brain connectivity is altered by extreme physical exercise during non-REM sleep and wakefulness: indications from EEG and fMRI studies. *Arch Ital Biol*. 2016 Dec 1;154(4):103-117. **IF 0.61**
6. I.A. Cristea, C. **Gentili**, C.D. Cotet, D. Palomba, C. Barbui, P. Cuijpers Efficacy of Psychotherapies for Borderline Personality Disorder: A Systematic Review and Meta-analysis. *JAMA Psychiatry*. 2017 Mar 1. doi: 10.1001/jamapsychiatry.2016.4287. [Epub ahead of print] PubMed PMID: 28249086. **IF 14.41**
7. I.A. Cristea, C. **Gentili**, P. Pietrini, P. Cuijpers Is investigator background related to outcome in head to head trials of psychotherapy and pharmacotherapy for adult depression? A systematic review and meta-analysis. *PLoS One*. 2017 Feb 3;12(2):e0171654 **IF 3.234**
8. G. Valenza, M. Nardelli, A. Lanata', C. **Gentili**, G. Bertschy, M. Kosel, E.P. Scilingo. Predicting Mood Changes in Bipolar Disorder through Heartbeat Nonlinear Dynamics. *IEEE J Biomed Health Inform*. 2016 Apr 20. doi: 10.1109/JBHI.2016.2554546. [Epub ahead of print] PubMed PMID: 28113920. **IF 2.093**
9. C. **Gentili**, G. Valenza, M. Nardelli, A. Lanatà, G. Bertschy, L. Weiner, M. Mauri, E.P. Scilingo, P. Pietrini Longitudinal monitoring of heartbeat dynamics predicts mood changes in bipolar patients: A pilot study. *J Affect Disord*. 2017 Feb;209:30-38. **IF 3.570**
10. I.A. Cristea, C. **Gentili**, P. Pietrini, P. Cuijpers Sponsorship bias in the comparative efficacy of psychotherapy and pharmacotherapy for adult depression: meta-analysis. *Br J Psychiatry*. 2017 Jan;210(1):16-23. **IF 7.06**
11. P. Cuijpers, I.A. Cristea, E. Weitz, C. **Gentili**, M. Berking The effects of cognitive and behavioural therapies for anxiety disorders on depression: a meta-analysis. *Psychol Med*. 2016 Dec;46(16):3451-3462. **IF 5.491**
12. P. Cuijpers, C. **Gentili**, R.M. Banos, J. Garcia-Campayo, C. Botella, I.A. Cristea Relative effects of cognitive and behavioral therapies on generalized anxiety disorder, social anxiety disorder and panic disorder: A meta-analysis. *J*

- Anxiety Disord. 2016 Oct;43:79-89. **IF 2.381**
13. G. Valenza, A. Greco, **C. Gentili**, A. Lanata, L. Sebastiani, D. Menicucci, A. Gemignani, EP. Scilingo. Combining electroencephalographic activity and instantaneous heart rate for assessing brain-heart dynamics during visual emotional elicitation in healthy subjects. *Philos Trans A Math Phys Eng Sci*. 2016 May 13;374(2067). **IF 2.441**
 14. A. Guidi, S. Salvi, M. Ottaviano, **C. Gentili**, G. Bertschy, D. de Rossi, EP Scilingo, N. Vanello Smartphone Application for the Analysis of Prosodic Features in Running Speech with a Focus on Bipolar Disorders: System Performance Evaluation and Case Study. *Sensors (Basel)*. 2015 Nov 6;15(11). **IF 2.033**
 15. **C. Gentili**, I.A. Cristea, M. Angstadt, H. Klumpp, L. Tozzi, K.L. Phan, P. Pietrini, "Beyond emotions: A meta-analysis of neural response within face processing system in social anxiety". *Exp Biol Med (Maywood)*. 2015 Sep 3 **IF 2.16**
 16. **C. Gentili**, N. Vanello, I. Cristea, D. David, E. Ricciardi, P. Pietrini, "Proneness to social anxiety modulates neural complexity in the absence of exposure: A resting state fMRI study using Hurst Exponent". *Psychiatric Research Neuroimaging Psychiatry Res*. 2015 May 30;232(2):135-44. **IF 2.8**
 17. M. Nardelli, G. Valenza, I. Cristea, **C. Gentili**, C. Cotet, D. David, A. Lanatà, E.P. Scilingo, "Characterizing Psychological Dimensions in Non-Pathological Subjects through Autonomic Nervous System Dynamics" *Frontiers in Computational Neuroscience*, 9:37, 2015. **IF 2.2**
 18. D. Bonino, E. Ricciardi, G. Bernardi, L. Sani, **C. Gentili**, T. Vecchi, P. Pietrini, "Spatial imagery relies on a sensory independent, though sensory sensitive, functional organization within the parietal cortex: A fMRI study of angle discrimination in sighted and congenitally blind individuals". *Neuropsychologia*. 2015 Jan 6;68C:59-70 **IF 3.4**
 19. A. Lanatà, G. Valenza, M. Nardelli, **C. Gentili**, E.P. Scilingo, "Complexity index from a personalized wearable monitoring system for assessing remission in mental health". *IEEE J Biomed Health Inform*. 2015 Jan;19(1):132-9 **IF 1.98**
 20. G. Valenza, L. Citi, **C. Gentili**, A. Lanatà, E. Scilingo, R. Barbieri, "Characterization of Depressive States in Bipolar Patients using Wearable Textile Technology and Instantaneous Heart Rate Variability Assessment". *IEEE Journal of Biomedical and Health Informatics* 2014, 2015 Jan;19(1):263-74 **IF 1.98**
 21. **C. Gentili**, I. Cristea, E. Ricciardi, C. Costescu, D. David, P. Pietrini, "Neurobiological Correlates of the Attitude Toward Human Empathy" *Rivista Internazionale di Filosofia e Psicologia*, 2015, 6 (1), 70-87
 22. A. Lanatà, G. Valenza, A. Greco, **C. Gentili**, R. Bartolozzi, F. Bucchi, F. Frendo, E. Scilingo, "How the autonomic nervous system and driving style change with incremental stressing conditions during simulated driving" *IEEE Transactions on Intelligent Transportation Systems*. 2014 Article in Press **IF 2.47**
 23. G. Valenza, M. Nardelli, A. Lanatà, **C. Gentili**, G. Bertschy, R. Paradiso, E.P. Scilingo, "Wearable Monitoring for Mood Recognition in Bipolar Disorder based on History-Dependent Long-Term Heart Rate Variability Analysis." *IEEE Journal of Biomedical and Health Informatics*. 2014 Sep;18(5):1625-35 **IF 1.98**

24. I.A. Cristea, E. Legge, M. Prosperi, M. Guazzelli, D. David, **C. Gentili**, "Moderating effects of empathic concern and personal distress on the emotional reactions of disaster volunteers". *Disasters*. 2014 Oct;38(4):740-52 **IF 1.02**.
25. I.A. Cristea, G. Valenza, EP. Scilingo, A Szentágotai Tătar , **C. Gentili**, D. David, "Autonomic effects of cognitive reappraisal and acceptance in social anxiety: evidence for common and distinct pathways for parasympathetic reactivity". *J Anxiety Disord*. 2014 Dec;28(8):795-803 **IF 3.04**
26. G. Valenza, L. Citi, **C. Gentili**, A. Lanatà, E.P. Scilingo, R. Barbieri, "Point-process Nonlinear Autonomic Assessment of Depressive States in Bipolar Patients". *Methods Inf Med*. 2014 Jun 27;53(4) **IF 1.08**
27. H. Javelot, A. Spadazzi, L. Weiner, S. Garcia, **C. Gentili**, M. Kosel, G. Bertschy, "Telemonitoring with respect to Mood Disorders and Information and Communication Technologies: Overview and Presentation of the PSYCHE Project". *Biomed Res Int*. 2014;2014:104658. Epub 2014 Jun 24 **IF 2.7**
28. P. Piaggi, D. Menicucci, **C. Gentili**, G. Handjaras, A. Gemignani, A. Landi, "Singular Spectrum Analysis and Adaptive Filtering Enhance the Functional Connectivity Analysis of Resting State fMRI Data". *Int J Neural Syst*. 2014 May;24(3):1450010 **IF 6.06**
29. D. Rovai, D. Giannessi, M.G. Andreassi, **C. Gentili**, A. Pingitore, M. Glauber, A. Gemignani, "Mind injuries after cardiac surgery". *Journal of Cardiovascular Medicine*, 2014 Jun 13. [Epub ahead of print] **IF 1.40**
30. G. Valenza, M. Nardelli, A. Lanatà, **C. Gentili**, G. Bertschy, R. Paradiso, E.P. Scilingo, "Wearable monitoring for mood recognition in bipolar disorder based on history-dependent long-term heart rate variability analysis". *IEEE Journal of Biomedical and Health Informatics*, 2014 Sep;18(5):1625-35 **IF 1.98**
31. E. Ricciardi, G. Rota, L. Sani, **C. Gentili**, A. Gaglianese, M. Guazzelli, P. Pietrini, "How the brain heals emotional wounds: the functional neuroanatomy of forgiveness". *Front Hum Neurosci*. 2013 Dec 9;7:839 **IF 2.9**
32. **C. Gentili**, I.A. Cristea, P. Pietrini, "Would neuropsychanalysis ever be possible?" *British Journal of Psychiatry* 2013 ELETTER , <http://bjp.rcpsych.org/content/203/3/170/reply>
33. P. Piaggi, D. Menicucci, **C. Gentili**, G. Handjaras, A. Gemignani, A. Landi, "Adaptive filtering and random variables coefficient for analyzing functional magnetic resonance imaging data". *Int J Neural Syst*. 23:1350011, 2013 **IF 6.06**
34. G. Valenza, **C. Gentili**, A. Lanatà, E.P. Scilingo, "Mood recognition in bipolar patients through the PSYCHE platform: preliminary evaluations and perspectives". *Artif Intell Med*. 57:49-58, 2013 **IF 1.78**
35. V. Bambini, **C. Gentili**, E. Ricciardi, P.M. Bertinetto, P. Pietrini, "Decomposing metaphor processing at the cognitive and neural level through functional magnetic resonance imaging". *Brain Research Bulletin*, 86:203-216, ISSN: 0361-9230, 2011 **IF 2.97**
36. M.I. Gobbini, **C. Gentili**, E. Ricciardi, C. Bellucci, P. Salvini, C. Laschi, M. Guazzelli, P. Pietrini, "Distinct neural systems involved in agency and animacy detection". *J Cogn Neurosci*. 23(8):1911-20, 2011 **IF 4.68**
37. W. Liao, H. Chen, Y. Feng, D. Mantini, **C. Gentili**, Z. Pan, J. Ding, X. Duan, C. Qiu, S. Lui, Q. Gong, W. Zhang, "Selective aberrant functional

- connectivity of resting state networks in social anxiety disorder". *Neuroimage*. 52(4):1549-58, 2010 **IF 6.13**
38. S. Danti, E. Ricciardi, **C. Gentili**, M.I. Gobbini, P. Pietrini, M. Guazzelli, Is Social Phobia a "Mis-Communication" Disorder? Brain Functional Connectivity during Face Perception Differs between Patients with Social Phobia and Healthy Control Subjects". *Front Syst Neurosci*. 22;4:152, 2010
 39. L. Sani, E. Ricciardi, **C. Gentili**, N. Vanello, J.V. Haxby, P. Pietrini, "Effects of Visual Experience on the Human MT+ Functional Connectivity Networks: An fMRI Study of Motion Perception in Sighted and Congenitally Blind Individuals". *Front Syst Neurosci*. 4:159, 2010
 40. W. Liao, C. Qiu, **C. Gentili**, M. Walter, Z. Pan, J. Ding, W. Zhang, Q. Gong, H. Chen, "Altered effective connectivity network of the amygdala in social anxiety disorder: a resting-state fMRI study". *PLoS One* 5(12):e15238, 2010 **IF 3.53**
 41. **C. Gentili**, E. Ricciardi, M.I. Gobbini, M.F. Santarelli, J.V. Haxby, P. Pietrini, M. Guazzelli, "Beyond Amygdala: Default mode network activity differs between patients with Social Phobia and healthy controls". *Brain Res Bull*. 79(6):409-13, 2009 **IF 2.97**
 42. **C. Gentili**, M.I. Gobbini, E. Ricciardi, N. Vanello, P. Pietrini, J.V. Haxby, M. Guazzelli, "Differential modulation of neural activity throughout the distributed neural system for face perception in patients with Social Phobia and healthy subjects". *Brain Res Bull*, 77:286-292, 2008 **IF 2.97**
 43. S. Casarotto, A.M. Bianchi, E. Ricciardi, **C. Gentili**, N. Vanello, M. Guazzelli, P. Pietrini, G.A. Chiarenza, S. Cerutti, "Spatiotemporal dynamics of single-letter reading: a combined ERP-fMRI study". *Arch Ital Biol*, 146(2):83-105, 2008 **IF 1.42**
 44. E. Ricciardi, N. Vanello, L. Sani, **C. Gentili**, E.P. Scilingo, L. Landini, M. Guazzelli, A. Bicchi, J.V. Haxby, P. Pietrini, "The effect of visual experience on the development of functional architecture in hMT+". *Cereb Cortex*.17(12):2933-9, 2007 **IF 8.30**
 45. I. Guerrini, **C. Gentili**, G. Nelli, M. Guazzelli, "A follow up study on the efficacy of metadoxine in the treatment of alcohol dependence". *Subst Abuse Treat Prev Policy*, 1:35-39, 2006 **IF 1.45**
 46. I. Guerrini, **C. Gentili**, M. Guazzelli, "Alcohol Consumption and Heavy Drinking: A Survey in Three Italian Villages". *Alcohol and Alcoholism*, 41(3):336-40, 2006 **IF 2.09**
 47. E. Ricciardi, D. Bonino, **C. Gentili**, L. Sani, P. Pietrini, T. Vecchi, "Neural Correlates of Spatial Working Memory in Humans: A Functional Magnetic Resonance Imaging Study Comparing Visual and Tactile Processes". *Neuroscience*, 139(1):339-49, 2006 **IF 3.45**
 48. V. Bambini, **C. Gentili**, P. Pietrini, "On Cultural Constraints on Pirahã Grammar". *Current Anthropology*, 50, 2006 **IF 2.84**
 49. **C. Gentili**, P. Panicucci, M. Guazzelli, "Psychiatric comorbidity and chronicisation in primary headache". *J Headache Pain*, 6:338-40, 2005 **IF 3.28**

Articoli in extenso per conferenze scientifiche indicizzate *pubmed*

32. G. Valenza, A. Greco, **C. Gentili**, A. Lanata, N. Toschi, R. Barbieri, L. Sebastiani, D. Menicucci, A. Gemignani, E.P. Scilingo Brain-heart linear and nonlinear dynamics during visual emotional elicitation in healthy subjects. Conf Proc IEEE Eng Med Biol Soc. 2016 Aug;2016:5497-5500. doi: 10.1109/EMBC.2016.7591971. PubMed PMID: 28269502.
33. A. Guidi, J. Schoentgen, G. Bertschy, **C. Gentili**, L. Landini, EP Scilingo, N. Vanello Voice quality in patients suffering from bipolar disease. Conf Proc IEEE Eng Med Biol Soc. 2015 Aug;2015:6106-9.
34. M. Nardelli, G. Valenza, **C. Gentili**, A. Lanatà, EP Scilingo, "Temporal trends of neuro-autonomic complexity during severe episodes of bipolar disorders". Conf Proc IEEE Eng Med Biol Soc. 2014 Aug;2014:2948-51
35. S. Mariani, M. Migliorini, G. Tacchino, **C. Gentili**, G. Bertschy, S. Werner, A.M. Bianchi, "Clinical state assessment in bipolar patients by means of HRV features obtained with a sensorized T-shirt". Conf Proc IEEE Eng Med Biol Soc. 2012;2012:2240-3
36. N. Vanello, A. Guidi, **C. Gentili**, S. Werner, G. Bertschy, G. Valenza, A. Lanatà, E.P. Scilingo, "Speech analysis for mood state characterization in bipolar patients". Conf Proc IEEE Eng Med Biol Soc.2012; 2012:2104-7
37. S. Casarotto, A.M. Bianchi, S. Cerutti, N. Vanello, E. Ricciardi, **C. Gentili**, L. Sani, D. Bonino, M. Guazzelli, P. Pietrini, L. Landini, GA. Chiarenza, "Combination of event-related potentials and functional magnetic resonance imaging during single-letter reading". Conf Proc IEEE Eng Med Biol Soc. 2006;1:984-7

Articoli in riviste in italiano e in capitoli di libro in italiano

38. **C. Gentili**, M. Guazzelli, "Cefalea attribuita a disturbi psichiatrici". Trattato Italiano delle Cefalee. Centro Scientifico Editore 2010:499-508
39. M. Guazzelli, **C. Gentili**, "Immaginazione, emozioni, cervello". Capitolo di libro: V. Gessa Kurotschka e C. De Luzenberger (a cura di), "Immaginazione etica interculturalità". Mimesis editore, Udine, 2009:177-194
40. **C. Gentili**, M. Guazzelli, "Dolore e sofferenza: categorie distinte o poli di una dimensione unica?". Capitolo di libro: A. Trucchio (a cura di), "Anatomia del corpo, anatomia dell'anima". Quodlibet, Macerata, 2009:117-136
41. M. Guazzelli, **C. Gentili**, "Disturbi del sonno e disturbi dell'umore nella prospettiva dell'approccio diagnostico di spettro". Capitolo di libro: G.B. Cassano e A. Tundo (a cura di), "Lo spettro dell'Umore – Psicopatologia e Clinica". Masson, Milano, 2008: 77-83
42. M. Guazzelli, **C. Gentili**, "Alcune riflessioni in tema di insonnia e disturbi depressivi/ Some reflections on the issue of insomnia and depressive disorders". Giornale Italiano di Psicopatologia - Italian Journal of Psychopathology" 2008, 14:389-395
43. **C. Gentili**, F. Battaglia, M. Guazzelli, "Alle radici delle emozioni e dei disturbi dell'umore: il contributo delle tecniche di esplorazione funzionale del cervello in vivo". L'altro, 2008,11(1):14-21
44. **C. Gentili**, A. Del Carlo, "Epilessia e disturbi dell'umore" capitolo di libro: S. Jensen, F. Giorgi, A. Iudice (a cura di), "La personalizzazione della cura in Epilessia". Primula Edizioni, Pisa, 2008:86-91
45. M. Guazzelli, **C. Gentili**, L. Palagini, "Sogno, emozioni e salute mentale".

- Capitolo di libro: "DNA della salute". C.G. Edizioni Medico Scientifiche, Torino, 2008:107-115
46. M. Guazzelli, **C. Gentili**, "Identità e riconoscimento: dalla psicopatologia alle neuroscienze". Capitolo di libro: V. Gessa Kurotschka e G. Cacciatore (a cura di), "Saperi Umani e Consulenza Filosofica". Meltemi, Roma, 2007:225-236
 47. P. Panicucci, **C. Gentili**, M. Guazzelli, "Epilessia e aspetti di Psicologia". Capitolo di libro: A. Iudice e L. Murri (a cura di), "Cognitività, psicologia e psicopatologia in epilessia". Primula edizioni, Pisa, 2006:13-31
 48. L. Palagini, **C. Gentili**, M. Guazzelli, "Insonnia e vulnerabilità ai disturbi di ansia e dell'umore". Noós 2004 vol. 10(1):25-32
 49. **C. Gentili**, L. Palagini, S. Pellegrini, M. Guazzelli, "Insonnia e depressione: evidenze per un nuovo atteggiamento dello psichiatra". Problemi in Psichiatria 2004, 35:5-28
 50. E. Ricciardi, **C. Gentili**, N. Watson, P. Pietrini, "Verso la comprensione delle differenze di genere". Problemi in Psichiatria 2004, 35:45-59

Curatele di volumi

51. **C. Gentili**, I.A. Cristea, P. Pietrini, "Atti del XVI Congresso Nazionale dell'Associazione Italiana di Psicologia, Sezione Clinica e Dinamica", Edizioni Plus, Pisa, 2014