

Curriculum vitae of Prof. Riccardo Russo

Education

Ph.D. (Dottorato di Ricerca in Italian) in Psychology at the University of Pavia, June 1993. Title of the thesis: 'On the distinction between implicit and explicit memory: methodological and theoretical issues'.

Diploma in Psychology (course work of three years) at the University of Milan, July 1989 (70 cum laude).

M.Sc. in Experimental Psychology at the University of Sussex, January 1989.

Honours Degree in Philosophy at the University of Milano, November 1985 (110 cum laude).

Publications:

Books (3):

R. Russo (2020) *Statistics for the Behavioural Sciences: An Introduction to Frequentist and Bayesian Approaches*. Routledge, London. Edition II

R. Russo (2003) *Statistics for the Behavioural Sciences: An Introduction*. Psychology Press, London. Edition I

M. J. Roberts and **R. Russo** (1999) *A Student's Guide to Analysis of Variance*. Routledge, London.

Google Scholar Index

Journal articles (73):

2019

1) Kathryn Buchanan and Riccardo Russo (2019). Money doesn't matter! Household's intentions to reduce standby power are unaffected by personalised pecuniary feedback. PlosONE, <https://doi.org/10.1371/journal.pone.0223727>

2) Rosi A, Cavallini E, Gamboz N, Vecchi T, Van Vugt FT, Russo R (2019). The Impact of Failures and Successes on Affect and Self-Esteem in Young and Older Adults. *Frontiers in Psychology* **10** Article number 1795 06 Aug 2019, <https://doi.org/10.3389/fpsyg.2019.01795>

3) Rosi A, Bruine de Bruin W, Del Missier F, Cavallini E., Russo R. (2019) Decision-making competence in younger and older adults: which cognitive abilities contribute to the application of decision rules? *Aging, Neuropsychology and Cognition*. VOL. 26, NO. 2, 174–189

2018

4) Eltiti S, Wallace D, Russo R, Fox E (2018). Symptom Presentation in Idiopathic Environmental Intolerance with Attribution to Electromagnetic Fields: Evidence for a Nocebo Effect Based on Data Re-Analyzed From Two Previous Provocation Studies. *Frontiers in Psychology* **9** Article number 1563, 28 August 2018, <https://doi.org/10.3389/fpsyg.2018.01563>

2017

- 5) Rosi A, Bruine de Bruin W, Del Missier F, Cavallini E., Russo R. (2018) Decision-making competence in younger and older adults: which cognitive abilities contribute to the application of decision rules? Aging, Neuropsychology and Cognition. <https://doi.org/10.1080/13825585.2017.1418283>
- 6) **Russo R**, **Twyman P**, **Cooper NR**, **Fitzgerald PB**, **Wallace D** (2017). When you can, scale up: Large-scale study shows no effect of tDCS in an ambiguous risk-taking task. *Neuropsychologia*. 2017 vol. 104, pp. 133-143. doi: 10.1016/j.neuropsychologia.2017.08.008.
- 7) Wright, R. J. and Rakow, T. and **Russo, R.** (2017) 'Go for broke: The role of somatic states when asked to lose in the Iowa Gambling Task.' *Biological Psychology*, Vol 123, pp. 286-293.

2016

- 8) A. Rosi, E. Cavallini, N. Gamboz and **R. Russo** (2016) On the generality of the effect of experiencing prior gains and losses on the Iowa Gambling Task: A study on young and old adults, *Judgment and Decision Making*, Vol. 11, pp. 185-196.
- 9) Wallace, N.R. Cooper , S. Paulmann, Fitzgerald P. B., and **R. Russo** (2016). Perceived comfort and blinding efficacy in randomised sham-controlled transcranial direct current stimulation (tDCS) trials at 2 mA in younger and older healthy adults. *PlosONE* <http://dx.doi.org/10.1371/journal.pone.0149703>
- 10) K. Buchanan, N. Banks; I. Preston and R. Russo (2016) The British Public's Perception of the UK Smart Metering Initiative: Threats and Opportunities *Energy Policy, Volume 91, April 2016, Pages 87-97*

2015

- 11) K. Buchanan, **R. Russo** (2105). Going the Extra Green Mile: When Others' Actions Fall Short of their Responsibility. *Journal of Environmental Psychology*, 42. 82-93 **Q1 (IF 2.55, 5year IF 3.29)**
- 12) M.A. Defeyter, P.L. Graham, , **R. Russo** (2015) More than Just a Meal: Breakfast Club Attendance and Children's Social Relationships. *Frontiers in Public Health* 3:183 · August 2015 DOI: 10.3389/fpubh.2015.00183
- 13) P.L. Graham, R. Russo , M.A, Defeyter, (2015) Breakfast Clubs: Starting the Day in a Positive Way, *Frontiers in Public Health* 3 · July 2015, DOI: 10.3389/fpubh.2015.00172
- 14) P.L. Graham, R. Russo , M.A, Defeyter, (2015) The Advantages and Disadvantages of Breakfast Clubs According to Parents, Children, and School Staff in the North East of England, UK, *Frontiers in Public Health* 3(156) · June 2015 DOI: 10.3389/fpubh.2015.00156
- 15) J. Yiend, A. Mathews, T. Burns, K. Dutton, Fernández-Martín, G. A. Georgiou, M. Luckie, A. Rose, **R. Russo**, E. Fox (2015). Mechanisms of Selective Attention in Generalized Anxiety Disorder. *Clinical Psychological Science*, 3(5) 758–771.
- 16) S. Eltiti, D. Wallace, **R. Russo** and E. Fox (2015). Aggregated Data from Two Double-Blind Base Station Studies Comparing Individuals with Idiopathic Environmental

Intolerance with Attribution to Electromagnetic Fields and Controls. *Bioelectromagnetics*. 36, p96-107

17) K. Buchanan, **R. Russo** and B. Anderson (2015). The Question of Energy Reduction: The Problem(s) with Feedback. *Energy Policy*, 77, p. 89-96 doi:10.1016/j.enpol.2014.12.008

2014

18) Bottiroli S, Rosi A, **Russo R**, Vecchi T and Cavallini E (2014). The cognitive effects of listening to background music on older adults: Processing speed improves with upbeat music, while memory seems to benefit from both upbeat and downbeat music. *Frontiers in Aging Neuroscience*. 6:284. doi: 10.3389/fnagi.2014.00284

19) P.L. Graham, M.A. Defeyter, **R. Russo** and J. Blackledge (2014). Breakfast and beyond: Findings from the evaluation of a universal free school breakfast scheme in the North West of England, UK. *International Journal of Sociology of Agriculture and Food*. 21 (3), 261-274.

20) K. Buchanan, **R. Russo** and B. Anderson (2014). Feeding back about eco-feedback: How do consumers use and respond to energy monitors? *Energy Policy*, 73, Pages 138–146. DOI: 10.1016/j.enpol.2014.05.008

21) Nikolaos Vastardis, Mounir Adjrad, Kathryn Buchanan, Zhining Liao, Christian Koch, Riccardo Russo, Kun Yang, Mohammad Ghavami, Ben Anderson, Sandra Dudley (2014). A User-Centric System Architecture for Residential Energy Consumption Reduction. *2014 IEEE Online Conference on Green Communications (OnlineGreenComm)*. Pages: 1 - 7, DOI: 10.1109/OnlineGreenCom.2014.7114423 <http://dx.doi.org/10.1109/OnlineGreenCom.2014.7114423>.

2013

22) Defeyter, M. A. and **Russo, R.** (2013). The effect of breakfast cereal consumption on adolescents' cognitive performance and mood. *Frontiers in Human Neuroscience* November 2013, Volume 7, Article 789 . doi: 10.3389/fnhum.2013.00789

23) Puzzo, I., Cooper, N.R., Cantarella, S., Fitzgerald, P. B. and **Russo, R.** (2013). The effect of rTMS over the inferior parietal lobule on EEG sensorimotor reactivity differs according to self-reported traits of autism in typically developing individuals. *Brain Research*, 1541, 33-41 doi.org/10.1016/j.brainres.2013.10.016

24) **R. Russo**, D. Wallace, Fitzgerald P. B. and N.R. Cooper (2013). Perception of Comfort during Active and Sham Transcranial Direct Current Stimulation: A Double Blind Study. *Brain Stimulation* 6, 946-951. doi.org/10.1016/j.brs.2013.05.009

2012

25) D. Wallace, S. Eltiti, A. Ridgewell, K. Gardner, **R. Russo**, F. Sepulveda, S. Walker, T. Quinlan, S. Dudley, S. Maung, R. Deeble and E. Fox (2012). Cognitive and physiological responses in humans exposed to a TETRA base station signal in relation to perceived electromagnetic hypersensitivity. *Bioelectromagnetics* 33, 23-39.

2011

26) Puzzo, I., Cooper, N.R., Cantarella, S., **Russo, R.** (2011). Measuring the effects of manipulating stimulus presentation time on sensorimotor alpha and low beta reactivity during hand movement observation. *NeuroImage* 57, 1358-63

2010

- 27) Puzzo, I., Cooper, N.R., Vetter, P., **Russo, R.** (2010). EEG activation differences in the pre-motor and supplementary motor area between normal individuals with high and low traits of autism. *Brain Research*, 1342, 104–110.
- 28) D. Wallace, S. Eltiti, A. Ridgewell, K. Gardner, **R. Russo**, F. Sepulveda, S. Walker, T. Quinlan, S. Dudley, S. Maung, R. Deeble and E. Fox (2010). Do TETRA (Airwave) Base Station Signals Have a Short-Term Impact on Health and Well-Being? A Randomized Double-Blind Provocation Study. *Environmental Health Perspectives*, 118, 735–741.
- 29) C. Cinel, S. E. Avons, **R. Russo** (2010) Semantic activation and letter search: blocking or suppression? *Quarterly Journal of Experimental Psychology* 63, 580-594.

2009

- 30) Eltiti, S., Wallace, D. Ridgewell, A., Zougkou, K., **Russo, R.**, Sepulveda, F., & Fox, E. (2009). The impact of short-term exposure to mobile phone base stations on cognitive functioning in individuals who report sensitivity to electromagnetic fields and controls. *Bioelectromagnetics* 30, 556-563.
- 31) Puzzo, I., Cooper, N.R., Vetter, P., **Russo, R.** & Fitzgerald, P.B. (2009) Reduced cortico-motor facilitation in a normal sample with high traits of autism. *Neuroscience Letters*, 467: 2, 173-177
- 32) M. A. Defeyter, **R. Russo**, P. L. McPartlin (2009). The picture superiority effect in recognition memory: A developmental study using the response signal procedure. *Cognitive Development*, 24, 265-273.
- 33) C. Cinel, **R. Russo**, E. Fox, and A. Boldini (2009). Letter to the Editor: Reply to Arnetz et al. *Psychosomatic Medicine*, 71, 115-116.
- 34) S. Avons, **R. Russo** et al. (2009). Associative and repetition priming with the repeated masked prime technique: No priming found. *Memory & Cognition*, 2009, 37 (1), 100-114

2008

- 35) C. Cinel, A. Boldini, E. Fox and **R. Russo** (2008). Does the use of mobile phones affect human short-term memory or attention? *Applied Cognitive Psychology*, 22, 1113-1125
- 36) C. Cinel, **R. Russo**, A. Boldini and E. Fox (2008) Exposure to Mobile Phone Electromagnetic Fields and Subjective Symptoms: A Double Blind Study. *Psychosomatic Medicine*, 70, 345-348.

Before 2008

- 37) S. Eltiti, D. Wallace, A. Ridgewell, K. Zougkou, **R. Russo**, F. Sepulveda, D. Mirshekar, P. Rasor, R. Deeble and E. Fox (2007). Does short-term exposure to mobile phone base station signals increase symptoms in individuals who report sensitivity to electromagnetic fields? A double-blind randomized provocation study. *Environmental Health Perspectives*, 115, 1603-1608.
- 38) C Cinel, A. Boldini, **R. Russo** and E Fox (2007) Effects of mobile phone electromagnetic fields on an auditory order threshold task. *Bioelectromagnetics*, 28(6), 493-6.
- 39) A. Boldini, **R. Russo**, S. Punia, and S.E. Avons. (2007). Reversing the picture superiority effect: A speed-accuracy trade-off study of recognition memory. *Memory & Cognition*, 35, 113-123.
- 40) S. Eltiti, D. Wallace, K. Zougkou, **R. Russo**, S. Joseph, P. Rasor and E. Fox (2007) Development and Evaluation of the Electromagnetic Hypersensitivity Questionnaire *Bioelectromagnetics*, 28, 137-151.
- 41) **R. Russo**, D. Whittuck, D. Roberson, K. Dutton, G. Georgiou and E. Fox (2006) On the association between attentional and memory bias for threat-related information in anxious individuals. *Memory*, 14 (4), 393-399

- 42) **R. Russo**, E. Fox, C. Cinel, A. Boldini, D. Mirshekar, A. Mehta (2006) 'Does acute exposure to mobile phones affect cognitive tasks? *Bioelectromagnetics*, 27 , 215-220.
- 43) E. Fox, **R. Russo** & G. Georgiou (2006) "Anxiety Modulates the Degree of Attentional Resources Required to Process Emotional Faces" *Cognitive Affective and Behavioral Neuroscience*, 5, 396-404.
- 44) G. Georgiou, J. Hayward, **R. Russo**, K. Dutton, S. Eltiti, and E. Fox (2005) 'Focusing on Fear: Attentional Disengagement from Emotional Faces' *Visual Cognition*, 12, 145-158.
- 45) N. Gamboz, & **R. Russo** (2004). Age Differences in Negative Priming, Episodic Memory and Frontal Lobe Tasks: A Single Inhibitory Deficit? *Brain Impairment*. 5, 126-137.
- 46) A. Boldini, **R. Russo** and S.E. Avons (2004). One process is not enough! A speed-accuracy trade-off study of recognition memory. *Psychonomic Bulletin & Review*, 11, 353-361.
- 47) N. Mammarella, S.E. Avons, and **R. Russo** (2004). A short-term perceptual priming account of spacing effects in explicit cued-memory tasks for unfamiliar stimuli. *European Journal of Cognitive Psychology*, 16, 387-402.
- 48) **R. Russo** & N. Grammatopoulou (2003). On the effect of word length and articulatory suppression in short- and long-term memory tasks. *Memory & Cognition*, 31, 728-737.
- 49) N. Mammarella, **R. Russo** and S.E. Avons (2002). Spacing effects in recognition memory and frequency judgement tasks for unfamiliar faces and non-words. *Memory & Cognition*, 30, 1238-1251.
- 50) **R. Russo**, N. Mammarella and S. Avons (2002). Toward a unified account of spacing effects in explicit cued-memory tasks. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 28, 819-829.
- 51) N. Gamboz, **R. Russo**, E. Fox (2002). Age differences and the negative priming effect: An updated meta-analysis. *Psychology and Aging*. 17, 525-531.
- 52) E. Fox, **R. Russo**, and K. Dutton (2002). Attentional bias for threat: evidence for delayed disengagement from emotional faces. *Cognition & Emotion*, 16, 355-379.
- 53) Gamboz, N. & **Russo, R.** (2002) Evidence for age-related equivalence in the directed forgetting paradigm. *Brain and Cognition*. 48, 366-371.
- 54) **R. Russo** and N. Mammarella (2002). Spacing effects in recognition memory: When meaning matters. *European Journal of Cognitive Psychology*, 14, 49-59.
- 55) E. Fox, **R. Russo**, R. J. Bowles and K. Dutton (2001). Do Threatening Stimuli Draw or Hold Visual Attention in Subclinical Anxiety? *Journal of Experimental Psychology: General*. 130, 681-700.
- 56) **R. Russo**, E. Fox, L. Bellinger, and D.P. Nguyen-Van-Tam (2001). Mood congruent free recall bias in anxiety. *Cognition & Emotion*, 15, 419-434.
- 57) S. Avons, G.D. Ward and **R. Russo** (2001). The dangers of taking capacity limits too literally. *Behavioural and Brain Sciences* (commentary), 24, 114-115.
- 57)
- 58) N. Gamboz, **R. Russo**, E. Fox (2000). Target selection difficulty, negative priming and aging. *Psychology & Aging*, 15 (3), 542-550.
- 59) E. Fox, V. Lester, **R. Russo**, R. J. Bowles , A. Pichler, and K. Dutton (2000). Facial expressions of emotion: Are angry faces detected more efficiently? *Cognition & Emotion*, 14, 61-92.
- 60) **R. Russo**, G. Ward, H. Geurts & A. Scheres (1999). When unfamiliarity matters: Changing global context between study and test affects recognition memory for unfamiliar stimuli. *Journal of Experimental Psychology: Learning, Memory and Cognition*., 25, 488-499.
- 61) **R. Russo**, E. Fox, and R. J. Bowles (1999). On the status of implicit memory bias in anxiety. *Cognition & Emotion*, 13, 435-456.

- 62) **R. Russo**, A. Cullis, and A.J. Parkin (1998). Consequences of violating the assumption of independence in the process dissociation procedure: A word fragment completion study. *Memory & Cognition*, 26, 617-632.
- 63) V. Jenkins, **R. Russo**, and A.J. Parkin (1998). Levels of processing and single word priming in amnesic and control subjects. *Cortex*, 34, 577-588.
- 64) **R. Russo**, A.J. Parkin, S.R. Taylor & J. Wilks (1998). Revising current two-process accounts of spacing effects in memory. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 24, 161-172.
- 65) A. Venneri, P. Nichelli, G. Modenesi, M.A. Molinaro, **R. Russo**, C. Sardini (1997). Impairment in dating and retrieving remote events in early Parkinson's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, 62, 410-413.
- 66) **R. Russo**, N. Patterson, D. Roberson, N. Stevenson, and J. Upward (1996). Emotional value of information and its relevance in the interpretation of homophones in anxiety. *Cognition & Emotion*, 10, 213-220.
- 67) **R. Russo** & J. Andrade (1995). The directed forgetting effect in word fragment completion: An application of the process dissociation procedure. *Quarterly Journal of Experimental Psychology*, 48(A), 405-423.
- 68) **R. Russo**, P. Nichelli, M. Gibertoni, & C. Cornia (1995). Developmental trends in implicit and explicit memory: A Picture Completion Study. *Journal of Experimental Child Psychology*, 59, 566-578.
- 69) **R. Russo** & H. Spinnler (1994). Implicit verbal memory in Alzheimer's Disease. *Cortex*, 30, 359-375.
- 70) Parkin A.J., **Russo R.** (1993). On the origin of functional differences in recollective experience. *Memory*, 1, 231-237.
- 71) **Russo R.**, Parkin A.J. (1993). Age differences in implicit memory: More apparent than real. *Memory & Cognition*, 21, 73-80.
- 72) Parkin A.J., Reid T.K., **Russo R.** (1990). On the differential nature of implicit and explicit memory. *Memory & Cognition*, 18, 507-514.
- 73) Parkin A.J., **Russo R.** (1990). Implicit and explicit memory and the automatic/effortful distinction. *European Journal of Cognitive Psychology*, 2, p. 71-80.

Research grants:

October 2018 – October 2021. KTP on developing an automatic triaging system. Technical and human implications (About £250K).

August 2012 – July 2017. EPSRC. ‘Digital Agent Networking for Customer Energy Reduction (DANCER). PI, CIs: K. Yang (Essex), B. Anderson (Southampton), S. Dudley (LSBU) M. Ghavami (LSBU), A. Dunn (LSBU). Total award about £ 1,68 mil

September 09-September 12 Kellogg PLC sponsored a PhD studentships on “ The impact of breakfast clubs on cognition, attitudes and food choice” (about £65,000) (with Prof. Greta Defeyter – Northumbria University)

January 07 - 31 August 2009. MTHR “Extension to mobile phone base-station project to examine the effects of short-term exposure to the electromagnetic fields emitted by the TETRA system on human health” (£265,624) (with Prof. Fox et al.)

Sept. 08-June 09 ‘The effect of breakfast consumption on everyday cognitive performance’ (with M.A. Defeyter – Northumbria University as p.i.) sponsored by Kellogg (about £65k)

September 07-June 08 Kellogg PLC “ The impact of breakfast clubs on cognition, attitudes and food choice” (about £54,000) (with Dr. Greta Defeyter - principal investigator – Northumbria University)

Sept05-Dec07 *ESRC* “ The spacing effect in cued-memory tasks: Semantic priming re-examined” (about £ 45,000). Co-investigator Dr. S. E. Avons (University of Essex - main applicant).

8.2004-4.2005 ESTENSION (of about £ 59,000) on the research grant to investigate “Mobile cellular communication and cognitive functioning: On the potential impact of exposure to low-level radiofrequency electromagnetic fields on memory and attention”.

7.2004-9-2005 a research grant of about £ 45,000 by the ESRC (with Dr. Defeiter - University of Northumbria) to investigate “The effect of development on familiarity and recollection in recognition memory”

1.2004-12.2006 a research grant of about £ 325,000 by the Department of Health (with Prof. Fox, Dr. Eltiti, Prof. Mirshekar et al.) to investigate “Hypersensitivity Symptoms Associated with Electromagnetic Field Exposure”.

3.2002-8.2004 a research grant of about £ 200,000 by the Department of Health (with Prof. Fox and Prof. Mirshekar) to investigate “Mobile cellular communication and cognitive functioning: On the potential impact of exposure to low-level radiofrequency electromagnetic fields on memory and attention”.

9.2001-8.2004 a research grant of about £ 161,000 by The Wellcome Trust (with Prof. Fox - main applicant) to investigate “Cognitive bias in clinical and non clinical anxiety states”.

7.1999-6.2001 a research grant of about £ 33,000 by the ESRC for a project titled :”Towards a unified theory of spacing effects in memory”

5.1999-4.2000 a research grant of about £ 31,000 by The Wellcome Trust (with Dr. Fox - main applicant) to investigate on cognitive bias in anxiety.

3.1996-2.1998 a research grant of about £ 66,000 by The Wellcome Trust (with Dr. Fox - main applicant) to investigate on cognitive bias in anxiety.

1994 a research grant to newly appointed lecturers in the field of science of £ 3,000 by The Nuffield Foundation for a project on conceptual processes in perceptual implicit memory;

1993 a research grant of £ 4,800 by the University of Essex Research Promotion Fund (with Dr.Geoff Ward) to study the nature of memory impairment due to brain damage in the frontal lobe area.

1993/4 a research grant of £ 2,157 by The Royal Society on the same topic