

GIOVANNI ANOBILE

PERSONAL DETAILS

- Family name, First name: Anobile Giovanni
- Date and place of birth: 08/05/1983, Pietrasanta, Italy
- Two children, 9 and 5 years old
- Research unique identifier(s): ORCID:0000-0003-2796-0661, WOS: AFO-6032-2022, SCOPUS: 36466056200
- Web page link: <https://florencemaplab.github.io/maplab/people/giovanni-anobile.html>
- E-mail: giovanni.anobile@unifi.it

CURRENT AND PREVIOUS POSITIONS

April 2023 – present	Associate Professor in Psychobiology and Physiological Psychology, Department of Neuroscience, Psychology, Drug Research and Child Health, U. of Florence, Italy; Gruppo Scientifico Disciplinare (GSD) 11/PSIC-01 – Psicologia generale, neuropsicologia e neuroscienze cognitive, psicomatria; Settore Scientifico Disciplinare (SSD) PSIC-01/B – neuropsicologia e neuroscienze cognitive
2020–2023	Assistant Professor (RTD-B) in Psychobiology and Physiological Psychology, Department of Neuroscience, Psychology, Drug Research and Child Health, U. of Florence, Italy
2019–2020	Post-doc at Department of Neuroscience, Psychology, Drug Research and Child Health, U. of Florence, Italy
2016–2019	Chief neuropsychologist and research Principal Investigator at Stella Maris Foundation – IRCCS- Pisa, Italy
2016–2017	Post-doc at Department of Translational Research on New Technologies Medicine and Surgery, U. of Pisa, Italy
2014–2016	Post-doc at Department of Neuroscience, Psychology, Drug Research and Child Health, U. of Florence, Italy
2010–2011	Research fellowship at Neuroscience Institute, CNR, Pisa, Italy

EDUCATION

16/4/2014	PhD in Psychology, Neuroscience and Cognitive Sciences University of Florence, Italy. Supervisor: David C. Burr
2012–2016	Diploma in “Developmental neuropsychology, psychodiagnostics and planning of rehabilitation and psychotherapeutic treatment”.
2009	Master’s degree in Experimental Psychology (summa cum laude) Faculty of Psychology, University of Florence, Italy; Thesis supervisor: David C. Burr

QUALIFICATIONS

2022	Obtained the National Scientific qualification as <u>full professor</u> (11/E1, PSI/02 – General Psychology, Psychobiology and Psychometrics)
6/7/2017	Obtained eligibility for researcher position at the CNR Institute of Neuroscience (bando 367.50 DSB IN RIC, Pisa, Italy).
27/11/2017	Obtained the National Scientific qualification as <u>associate professor</u> (11/E1, PSI/02 – General Psychology, Psychobiology and Psychometrics)
23/01/2016	Degree as Psychotherapist with specialisation in Developmental Neuropsychology (Academy of Developmental Neuropsychology, Parma, Italy; M.I.U.R DM 2/11/05)

16/04/2014	PhD in Psychology, Neuroscience and Cognitive Science (U. of Florence). Supervisor Prof. David C. Burr
10/11/2009	Master's degree in Experimental Psychology, U. of Florence (CLASS 58/S, Ministerial Decree of 28/11/2000). Vote: 110/110 cum laude.
2007	Bachelor's degree in sciences and techniques of general and experimental psychology, U. of Florence (CLASS 34). Vote: 95/110.

GRANTS

2026–2029	Project: NumeraCY – Advancing Research Excellence & Research Capacity in Mathematical Cognition Through Twinning Funder: European Union, Horizon Europe – Twinning programme Coordinator: Koulla Mikellidou, University of Limassol (Cyprus) Role: Senior Researcher and Team Member , University of Florence unit (Total project budget: €1,495,037.50; funding allocated to the Florence unit: €258,000).
2023–2029	Project: A Multi-Lab Investigation of the Conceptual Foundations of Early Number Development Founder: National Science Foundation (\$ 1,165,082 to UCSD) PI: David Barner Role: Head of local Unit (no funding)
2022–2024	Project: PRIN2017, Temporal context in perception: serial dependence and rhythmic oscillations Founder: Italian Ministry of University and Research; University of Florence PI: Concetta Morrone (University of Pisa) Role: Head of local Unit (Funding to Florence unit: € 144,000)
2016–2019	Project: Ricerca Finalizzata 2013 (n. 02358262), The sense of number in Developmental Dyscalculia Founder: Italian Ministry of Health Institution: IRCCS, Fondazione Stella Maris (Pisa) Funding: €167,508.00. Role: Principal Investigator

DISTINCTIONS AND AWARDS

2022	Obtained the National Scientific qualification as full professor (11/E1, PSI/02 – General Psychology, Psychobiology and Psychometrics)
2016	Letter of scientific acknowledgement from eLife editors (R. Ivry and T. Behrens) for the high quality and impact of the study: <i>Anobile G.; Arrighi R.; Togoli I.; Burr D.C. (2016), A shared numerical representation for action and perception. eLife</i>
2011	Best poster award, Conference: Rovereto Attention Workshop, (Rovereto, Italy)

MAIN SCIENTIFIC COLLABORATIONS

2026–2029	University of Limassol (Cyprus), Horizon Europe Twinning project NumeraCY – “Advancing Research Excellence & Research Capacity in Mathematical Cognition Through Twinning”, Scientific Coordinator: Kyriaki Mikellidou. <i>I contribute (as Senior Researcher and Team Member) to the joint research activities investigating the relationships between geometric reasoning, spatial cognition, mathematical abilities, and developmental dyscalculia through behavioural and neurocognitive methods.</i>
2022–present	U. of Florence, Tuscany Health Ecosystem (THE, PNRR) “Advanced pupillometry sensors for measuring cognitive and emotive states”, Advisor: Roberto Arrighi. <i>I am investigating the role of pupillary modulation as a biomarker of mathematical anxiety in typically developing adults and children.</i>
2021–present	IRCCS Stella Maris di Calambrone (Pisa), Numerical abilities in children with dyscalculia and ADHD. Advisor: Dott. Gabriele Masi and Francesca Tinelli.

	<i>I am investigating numerical cognition and time perception in children diagnosed with dyscalculia and/or ADHD. The techniques include psychophysics and neuropsychology.</i>
2018–2024	U. of Rome (“La Sapienza”). PRIN2018 Environmental statistics and the representation of space, time and numbers Magnitude – EnvironMag. PI: Prof. Fabrizio Doricchi. <i>I am investigating behavioral interactions in the perception of numerical and non-numerical quantities such as time, numerosity and space. The techniques include psychophysics and neuropsychology.</i>
2019–2024	U. of Florence. ERC Advanced Grant (N. 832813) “Spatio-temporal mechanisms of generative perception”. Advisor: Prof. David C. Burr. Finanziamento assegnato: € 2.5 milioni <i>I am investigating the role of contextual statistics on visual perception. The techniques used include psychophysics, pupillometry and neuropsychology in adults and children.</i>
2021–2022	U. of Regensburg (Germany). The role of Gestalt variables in numerosity perception. Advisor: Prof. Mark W. Greenlee. <i>I investigated the role of Gestalt variables on numerosity perception and its link with mathematical abilities. This project combines psychophysical, neuropsychological, and functional imaging techniques.</i>
2019–2022	U. of Pisa. ERC starting grant (N 801715) “Biomarkers of individual differences in human cortical visual processing”. Advisor: Prof. Paola Binda. <i>I investigated inter-individual differences in visual perception in adults and children. Techniques used include psychophysics and neuropsychology.</i>
2016–2017	U. of Pisa. ERC Advanced Grant (N. 338866) “Early Sensory Cortex Plasticity and Adaptability in Human Adults”. Advisor: Prof. Concetta Morrone. <i>I investigated the plasticity of the visual system in both pathological conditions and during typical development. I was involved in the study of cortical reorganisation after damage to visual areas by means of psychophysical and imaging (magnetic resonance imaging) techniques.</i>
2014–2016	Collaboration (Research fellowship, matr. no. AS169374) at the Department of Neuroscience, Psychology, Pharmaceuticals and Child Health; U. of Florence. Supervisor: Prof. Roberto Arrighi Project title: Multimodal integration of visual and acoustic signals in clinical populations with central or peripheral visual impairment. <i>I investigated how sensory systems integrate information from different sensory modalities. More specifically, I studied the sensorimotor integration of numerical information.</i>
2009–2014	U. of Florence. ERC Advanced Grant (N. 229445) “Space, Time and Number in the Brain: STANIB”. Supervisor: Prof. David C. Burr. <i>I investigated, through psychophysical techniques, how perception of numerosity, time and space interact with each other.</i>

OTHER SCIENTIFIC COLLABORATIONS

2025- present	No-cost collaboration at the Department of Psychology and Vision Sciences; University of Leicester (UK). Coordinator: Prof. Aurelio Bruno Members: Guido Marco Cicchini (CNR, Pisa), Neal Roach (University of Nottingham, UK), Richard Leadbeater (University of Leicester, UK) <i>The aim of this collaboration is to investigate time perception using psychophysical methods and individual-differences analyses based on covariance tuning. We combine laboratory experiments with web-based studies to characterize time perception across large and heterogeneous populations.</i>
2021- present	No-cost collaboration at the Department of Neuroscience, Psychology, Pharmacology and Child Health; University of Florence. Supervisor: Prof. Caterina Primi <i>The aim of this collaboration is to investigate the role of mathematical anxiety in the learning of mathematical skills and statistical reasoning in university students. The techniques used include psychophysics and neuropsychology.</i>
2021- present	No-cost collaboration at the Department of Neuroscience, Psychology, Pharmacology and Child Health; University of Florence.

	<p>Supervisor: Prof. Alessandro della Puppa</p> <p><i>The aim of this collaboration is to investigate the neural basis of geometric abilities through the study of brain lesion patients. The techniques used include psychophysics and neuropsychology applied before and/or after brain surgery.</i></p>
2021- present	<p>No-cost collaboration at the 'Dedicare' Centre in Foligno (Perugia). Referent: Dr. Moreno Marazzi, Prof. Stefano Federici (University of Perugia). Object: Numerical cognition and geometry in developmental dyscalculia.</p> <p><i>The aim of this collaboration is to investigate the perceptual and cognitive mechanisms involved in learning deficits in mathematics and formal geometry. The techniques used include psychophysics and neuropsychology applied to children/adolescents with and without a diagnosis of developmental dyscalculia.</i></p>
2018-2019	<p>No-cost Collaboration at the Rehabilitation Clinical Centre 'Auxilium Vitae Volterra'. Supervisor: Prof. Francesco Tomaoulo Object: Perception of numerosity in patients with simultanagnosia.</p> <p><i>During this collaboration I had the opportunity to study, by means of psychophysical paradigms, the perception of numerosity and attentional abilities in an adult patient with clinical signs of simultanagnosia.</i></p>
2011-2013	<p>No-cost collaboration at Azienda USL 12 Viareggio. Supervisor: Dr. Paolo Stievano.</p> <p><i>The aim of this collaboration was to investigate the basic mechanisms subtending numerical abilities in typically developing children by means of psychophysical and neuropsychological tests.</i></p>
2010	<p>Collaboration (research fellowship) at the Institute of Neuroscience, CNR, Pisa. Supervisor: Prof. David C. Burr.</p> <p><i>During this period, I collaborated in the construction, programming and administration of psychophysical behavioural tests for the study of visual perception with adults and children.</i></p>
2014	<p>Centre for Research in Autism and Education, UCL, London. Project: 'Brain Detectives 2014'. Numerical abilities in children with autism. Supervisor: Elizabeth Pellicano.</p> <p><i>I developed and applied psychophysical techniques for the measurement of visual perceptual abilities in children in the autism spectrum. My specific role was to prepare, administer and interpret the results of psychophysical tests measuring the visual perception of quantities and the effect of rewards in modulating motor responses to visual stimuli and decision-making processes.</i></p>

PUBLICATIONS

Summary statistics (updated: August 2026, Scopus)	
N. of papers	70
H index	23
Total Citations	2,349
Total IF	283

Role and quality/impact of scientific production (Scopus)	
Position in the author list	<p>First position: 34%</p> <p>Last position: 18%</p>
Production quality/impact	<p>55% (39/70) published in journals in the 1st quartile.</p> <p>15.7% (11/70) published in journals with IF$\geq$ 5, of which 4 papers in journals with IF > 8</p>

FULL PUBLICATION LIST

Cit. = total number of citations (Scopus), IF= Impact Factor (JCR), Q.= journal quartile (JCR)							
N	Authors	Title	Year	Journal	Cit.	IF	Q.
1	Anobile G.; Martelli S.; Bieber E.; Tinelli F.; Ditano S.	Sensorimotor numerosity uniquely supports arithmetic development in children	2026	i-Perception	0	1.1	4
2	Federici S.; Milanese N.; Marazzi M.; Anobile G.	Numerical cognition and motor skills: Correlational research in children aged 7 to 11 years	2026	Life Span and Disability	0	0.4	4
3	Benedetto A.; Anobile G.; Arrighi R.; Casavecchia E.; Burr D.C.	Adaptation acts directly on the sensory representation of numerosity	2026	Scientific Reports	1	4.9	1
4	Aruanno B.; Anobile G.; Razionale A.V.; Bordegoni M.; Cicchini G.M.	Virtual Reality as an Innovative Tool for Numerosity Perception	2025	Applied Sciences	0	2.9	2
5	Burgio I.; Moscoso P.A.M.; Anobile G.; Castaldi E.	Stronger reliance on visual perceptual history in individuals with higher math anxiety	2025	BMC Biology	1	5.4	1
6	Burr D.; Anobile G.; Arrighi R.	Number adaptation: Reply	2025	Cognition	10	3.1	1
7	Grasso P.A.; Anobile G.; Gurioli M.; Cicchini G.M.; Arrighi R.	Color-selective numerosity adaptation depends on the automatic categorization of colored information	2025	iScience	3	4.5	1
8	Petrizzo I.; Cicchini G.M.; Burr D.C.; Anobile G.	Multisensory Number Channels Derived from Individual Differences	2025	Multisensory Research	2	2.1	2
9	Maldonado Moscoso P.A.; Anobile G.; Maduli G.; Arrighi R.; Castaldi E.	“Groupitizing”: A Visuo-Spatial and Arithmetic Phenomenon	2025	Open Mind	2	2.9	2
10	Bartolini T.; Petrizzo I.; Arrighi R.; Anobile G.	The role of physical and cognitive effort on time perception	2025	Scientific Reports	2	4.9	1
11	Castaldi E.; Bonaudo C.; Maduli G.; Anobile G.; Pedone A.; Capelli F.; Arrighi R.; Della Puppa A.	Neurocognitive Assessment of Mathematics-Related Capacities in Neurosurgical Patients	2024	Brain Sciences	3	3.4	2
12	Anobile G.; Petrizzo I.; Paiardini D.; Burr D.C.; Cicchini G.M.	Sensorimotor mechanisms selective to numerosity derived from individual differences	2024	eLife	10	6.4 last available	1
13	Benedetto A.; Chelli E.; Petrizzo I.; Arrighi R.; Anobile G.	The role of motor effort on the sensorimotor number system	2024	Psychological Research	1	2.1	3
14	Blini E.; Anobile G.; Arrighi R.	What pupil size can and cannot tell about math anxiety	2024	Psychological Research	4	2.1	3
15	Castaldi E.; Tinelli F.; Filippo G.; Bartoli M.; Anobile G.	Auditory time perception impairment in children with developmental dyscalculia	2024	Research in Developmental Disabilities	2	2.9	1
16	Blini E.; Arrighi R.; Anobile G.	Pupillary manifolds: uncovering the latent geometrical structures behind phasic changes in pupil size	2024	Scientific Reports	5	4.9	1
17	Cicchini G.M.; Anobile G.; Burr D.C.; Marchesini P.; Arrighi R.	The role of non-numerical information in the perception of temporal numerosity	2023	Frontiers in Psychology	2	3.8	1
18	Petrizzo I.; Chelli E.; Bartolini T.; Arrighi R.; Anobile G.	Similar effect of running on visual and auditory time perception in the ranges of milliseconds and seconds	2023	Frontiers in Psychology	4	3.8	1
19	Petrizzo I.; Pellegrino M.; Anobile G.; Doricchi F.; Arrighi R.	Top-down determinants of the numerosity–time interaction	2023	Scientific Reports	7	4.9	1
20	Maldonado Moscoso P.A.; Maduli G.; Anobile G.; Arrighi R.; Castaldi E.	The symmetry-induced numerosity illusion depends on visual attention	2023	Scientific Reports	7	4.9	1
21	Petrizzo I.; Anobile G.; Chelli E.; Arrighi R.; Burr D.C.	Visual Duration but Not Numerosity Is Distorted While Running	2022	Brain Sciences	12	3.4	2
22	Maldonado Moscoso P.A.; Castaldi E.; Arrighi R.; Primi C.; Caponi C.; Buonincontro S.; Bolognini F.; Anobile G.	Mathematics and Numerosity but Not Visuo-Spatial Working Memory Correlate with Mathematical Anxiety in Adults	2022	Brain Sciences	9	3.4	2
23	Grasso P.A.; Petrizzo I.; Caponi C.; Anobile G.; Arrighi R.	Visual P2p component responds to perceived numerosity	2022	Frontiers in Human Neuroscience	10	3.6	1
24	Anobile G.; Bartoli M.; Masi G.; Tacchi A.; Tinelli F.	Math difficulties in attention deficit hyperactivity disorder do not originate from the visual number sense	2022	Frontiers in Human Neuroscience	4	3.6	1
25	Maldonado Moscoso P.A.; Greenlee M.W.; Anobile G.; Arrighi R.; Burr D.C.; Castaldi E.	Groupitizing modifies neural coding of numerosity	2022	Human Brain Mapping	20	4	2
26	Bhat A.; Kurzwski J.W.; Anobile G.; Tinelli F.; Biagi L.; Morrone M.C.	Normal Retinotopy in Primary Visual Cortex in a Congenital Complete Unilateral Lesion of	2022	International Journal of Molecular Sciences	3	5.6	1

		Lateral Geniculate Nucleus in Human: A Case Study					
27	Grasso P.A.; Anobile G.; Arrighi R.; Burr D.C.; Cicchini G.M.	Numerosity perception is tuned to salient environmental features	2022	iScience	23	4.5	1
28	Anobile G.; Arrighi R.	On the Nature of the Interplay of Perception, Action, and Cognition	2022	Journal of Integrative Neuroscience	1	3.3	2
29	Cicchini G.M.; Anobile G.; Chelli E.; Arrighi R.; Burr D.C.	Uncertainty and Prior Assumptions, Rather Than Innate Logarithmic Encoding, Explain Nonlinear Number-to-Space Mapping	2022	Psychological Science	9	5.4	1
30	Maldonado Moscoso P.A.; Anobile G.; Burr D.C.; Arrighi R.; Castaldi E.	Symmetry as a grouping cue for numerosity perception	2022	Scientific Reports	8	4.9	1
31	Anobile G.; Marazzi M.; Federici S.; Napoletti A.; Cecconi L.; Arrighi R.	Unimpaired groupitizing in children and adolescents with dyscalculia	2022	Scientific Reports	7	4.9	1
32	Anobile G.; Bartoli M.; Pfanner C.; Masi G.; Cioni G.; Tinelli F.	Auditory time thresholds in the range of milliseconds but not seconds are impaired in ADHD	2022	Scientific Reports	9	4.9	1
33	Burr D.C.; Anobile G.; Castaldi E.; Arrighi R.	Numbers in action	2021	Behavioral and Brain Sciences	1	8.2	1
34	Anobile G.; Castaldi E.; Maldonado Moscoso P.A.; Arrighi R.; Burr D.	Groupitizing Improves Estimation of Numerosity of Auditory Sequences	2021	Frontiers in Human Neuroscience	14	3.6	1
35	Grasso P.A.; Anobile G.; Caponi C.; Arrighi R.	Implicit visuospatial attention shapes numerosity adaptation and perception	2021	Journal of Vision	15	2.2	2
36	Grasso P.A.; Anobile G.; Arrighi R.	Numerosity adaptation partly depends on the allocation of implicit numerosity-contingent visuo-spatial attention	2021	Journal of Vision	16	2.2	2
37	Anobile G.; Morrone M.C.; Ricci D.; Gallini F.; Merusi I.; Tinelli F.	Typical crossmodal numerosity perception in preterm newborns	2021	Multisensory Research	10	2.1	2
38	Castaldi E.; Arrighi R.; Cicchini G.M.; Andolfi A.; Maduli G.; Burr D.C.; Anobile G.	Perception of geometric sequences and numerosity both predict formal geometric competence in primary school children	2021	Scientific Reports	1	4.9	1
39	Anobile G.; Arrighi R.; Castaldi E.; Burr D.C.	A Sensorimotor Numerosity System	2021	Trends in Cognitive Sciences	71	20.3	1
40	Petrizzo I.; Castaldi E.; Anobile G.; Bassanelli S.; Arrighi R.	Time and numerosity estimation in peripersonal and extrapersonal space	2021	Acta Psychologica	6	3.80	1
41	Maldonado Moscoso P.A.; Anobile G.; Primi C.; Arrighi R.	Math Anxiety Mediates the Link Between Number Sense and Math Achievements in High Math Anxiety Young Adults	2020	Frontiers in Psychology	28	3.8	1
42	Anobile G.; Domenici N.; Togoli I.; Burr D.; Arrighi R.	Distortions Of Visual Time Induced By Motor Adaptation	2020	Journal of Experimental Psychology: General	37	3.7	1
43	Anobile G.; Tomaiuolo F.; Campana S.; Cicchini G.M.	Three-systems for visual numerosity: A single case study	2020	Neuropsychologia	21	2.5	2
44	Maldonado Moscoso P.A.; Castaldi E.; Burr D.C.; Arrighi R.; Anobile G.	Grouping strategies in number estimation extend the subitizing range	2020	Scientific Reports	31	4.9	1
45	Anobile G.; Castaldi E.; Moscoso P.A.M.; Burr D.C.; Arrighi R.	"Groupitizing": a strategy for numerosity estimation	2020	Scientific Reports	40	4.9	1
46	Petrizzo I.; Anobile G.; Arrighi R.	Motor adaptation distorts visual space	2020	Vision Research	9	2.2	2
47	Pomè A.; Anobile G.; Cicchini G.M.; Scabia A.; Burr D.C.	Higher attentional costs for numerosity estimation at high densities	2019	Attention, Perception, and Psychophysics	44	2	3
48	Cicchini G.M.; Anobile G.; Burr D.C.	Spontaneous representation of numerosity in typical and dyscalculic development	2019	Cortex	24	3.2	1
49	Anobile G.; Burr D.C.; Gasperini F.; Cicchini G.M.	Near optimal encoding of numerosity in typical and dyscalculic development	2019	Cortex	11	3.2	1
50	Anobile G.; Arrighi R.; Burr D.C.	Simultaneous and sequential subitizing are separate systems, and neither predicts math abilities	2019	Journal of Experimental Child Psychology	43	1.9	3
51	Pomè A.; Anobile G.; Cicchini G.M.; Burr D.C.	Different reaction-times for subitizing, estimation, and texture	2019	Journal of Vision	22	2.2	2
52	Anobile G.; Guerrini G.; Burr D.C.; Monti M.; Del Lucchese B.; Cicchini G.M.	Spontaneous perception of numerosity in pre-school children	2019	Proceedings of the Royal Society B: Biological Sciences	15	3.6	1
53	Anobile G.; Arrighi R.; Castaldi E.; Grassi E.; Pedonese L.; Moscoso P.A.M.; Burr D.C.	Spatial but not temporal numerosity thresholds correlate with formal math skills in children	2018	Developmental Psychology	58	2.7	2
54	Anobile G.; Cicchini G.M.; Gasperini F.; Burr D.C.	Typical numerosity adaptation despite selectively impaired number acuity in dyscalculia	2018	Neuropsychologia	23	2.5	2

55	Stievano P.; Cammisuli D.M.; Michetti S.; Ceccolin C.; Anobile G.	Cognitive processes underlying arithmetical skills in primary school: The role of fluency, handwriting, number line and number acuity	2018	Neuropsychological Trends	4	0.6	4
56	Burr D.C.; Anobile G.; Arrighi R.	Psychophysical evidence for the number sense	2018	Philosophical Transactions of the Royal Society B: Biological Sciences	89	5.3	1
57	Anobile G.; Burr D.C.; Iaia M.; Marinelli C.V.; Angelelli P.; Turi M.	Independent adaptation mechanisms for numerosity and size perception provide evidence against a common sense of magnitude	2018	Scientific Reports	20	4.9	1
58	Anobile G.; Castaldi E.; Turi M.; Tinelli F.; Burr D.C.	Numerosity but not texture-density discrimination correlates with math ability in children	2016	Developmental Psychology	54	2.7	2
59	Anobile G.; Arrighi R.; Togoli I.; Burr D.C.	A shared numerical representation for action and perception	2016	eLife	69	6.4	1
60	Cicchini G.M.; Anobile G.; Burr D.C.	Spontaneous perception of numerosity in humans	2016	Nature Communications	156	18.1	1
61	Anobile G.; Cicchini G.M.; Burr D.C.	Number As a Primary Perceptual Attribute: A Review	2016	Perception	201	1.5	3
62	Anobile G.; Turi M.; Cicchini G.M.; Burr D.C.	Mechanisms for perception of numerosity or texture-density are governed by crowding-like effects	2015	Journal of Vision	86	2.2	2
63	Tinelli F.; Anobile G.; Gori M.; Aagten-Murphy D.; Bartoli M.; Burr D.C.; Cioni G.; Concetta Morrone M.	Time, number and attention in very low birth weight children	2015	Neuropsychologia	24	2.5	2
64	Cicchini G.M.; Anobile G.; Burr D.C.	Compressive mapping of number to space reflects dynamic encoding mechanisms, not static logarithmic transform	2014	Proceedings of the National Academy of Sciences of the United States of America	222	9.5	1
65	Anobile G.; Cicchini G.M.; Burr D.C.	Separate Mechanisms for Perception of Numerosity and Density	2014	Psychological Science	172	5.4	1
66	Anobile G.; Stievano P.; Burr D.C.	Visual sustained attention and numerosity sensitivity correlate with math achievement in children	2013	Journal of Experimental Child Psychology	130	1.9	3
67	Anobile G.; Cicchini G.M.; Burr D.C.	Linear mapping of numbers onto space requires attention	2012	Cognition	103	3.1	1
68	Anobile G.; Turi M.; Cicchini G.M.; Burr D.C.	The effects of cross-sensory attentional demand on subitizing and on mapping number onto space	2012	Vision Research	56	2.2	2
69	Burr D.C.; Anobile G.; Turi M.	Adaptation affects both high and low (Subitized) numbers under conditions of high attentional load	2011	Seeing and Perceiving	49	1.3	3
70	Burr D.C.; Turi M.; Anobile G.	Subitizing but not estimation of numerosity requires attentional resources	2010	Journal of Vision	203	2.2	2

INVITED BOOK CHAPTERS

- Anobile, G., Arrighi, R., & Burr, D. (in press). Non-symbolic number cognition in humans: The number sense. In J. Bahnmüller, K. Cipora, C. Gilmore, K. Morsanyi, F. Sella, & I. Xenidou-Dervou (Eds.), *The Routledge Handbook of Mathematical Cognition*. Taylor & Francis.
- Burr, D., Arrighi, R., & Anobile, G. (in press). Number as a primary perceptual attribute. In J. Park, E. Snyder, & R. Samuels (Eds.), *Numerical Cognition: Debates and Disputes*. Springer Nature.
- Anobile, G., Piazza, M., & Girelli, L. (in press). I disturbi del sistema dei numeri e del calcolo. In S. Vicari & M. C. Caselli (Eds.), *Neuropsicologia dell'età evolutiva*. Il Mulino.

CONFERENCES & SYMPOSIA ORGANIZATION

23–25/7/2026	Symposium at the 2026 Conference of the Mathematical Cognition and Learning Society, Padua, Italy Title: Sensorimotor foundations of numerical cognition Role: Organizer and chair
20–21/11/2026	Conference Title: Quantity2Number, Florence, Italy Role: Organizer
15–17/6/2019	Conference Title: CVRS2019, Child Vision Research Society, 17° Biennial Meeting, Pisa, Italy

SCIENTIFIC BOARDS

2026 – present

Member of the scientific committee of the annual conference “Giornate di Neuropsicologia dell’età evolutiva” (Brixen, Italy)

ACADEMIC BOARDS

2026

Board for the Practical Evaluation Test (Prova Pratico Valutativa, PPV) for professional licensure to practise as a psychologist, University of Florence

2025

Board for the Practical Evaluation Test (Prova Pratico Valutativa, PPV) for professional licensure to practise as a psychologist, University of Florence

EDITORIAL ACTIVITIES

2026

Guest editor for the Journal: i-Perception (Special issue “The perception of number”).

2019 – present

Associate editor for the Journal: Frontiers Psychology (Perception Science).

Regular ad hoc referee for the major journals in Cognitive neuroscience and Psychology

DISSEMINATION

Summary statistics	
Invited Talks	16
Conferences excluding invited (only 1 st author)	17
Invited Seminars	8

INVITED TALKS

17–19/9/2026	Conference: XXIV Congresso Airipa 2026, Cremona, Italy. Talk title: La percezione della numerosità e la sua relazione con le abilità numeriche. Talk title: Children’s mental calculation is uniquely supported by the non-symbolic sensorimotor number sense
24/7/2026	Conference: Symposium “Sensorimotor foundations of numerical cognition” at the 2026 Conference of the Mathematical Cognition and Learning Society, Padua, Italy Organizer: University of Padua Talk title: Children’s mental calculation is uniquely supported by the non-symbolic sensorimotor number sense
5/4/2025	Conference: L’embodied cognition nella riabilitazione, dalle neuroscienze alle pratiche evidence-based (Milano, Italy). Organizer: Università Cattolica del Sacro Cuore, Annalisa Risoli e Giulia Purpura. Talk title: Number in action: il senso del numero in chiave sensorimotoria
2/11/2025	Conference: Festival della Scienza, Genova, Italy. Event title: Intrecci multisensoriali: dare un senso ai sensi. Talk title: Abilità numeriche: tra visione e azione. Organizer: Monica Gori

18/9/2025	Conference: XXIII Congresso Airipa 2025, Pisa, Italy. Pre-Congress: Dalla neuropsicologia alla didattica: modelli di apprendimento e strategie di intervento. Talk title: Senso del numero e abilità matematiche. Organizer: Daniela Brizzolara
17/1/2024	Conference: Developmental neuropsychology XIX Edition (Bressanone, Italy). Organizer: Sandro Franceschini. Talk title: A sensorimotor number system.
5–6/10/2023	Conference: Workshop Quantity2Number (Potsdam, Germany). Organizer: prof. Martin Fischer. Talk title: A sensorimotor number system.
2/12/2022	Conference: Computational Foundations of number sense and mathematical learning in typical and atypical development (Padova, Italia). Organizer: Zorzi M., Testolin A. (U. of Padova). Talk title: A spontaneous, generalized, flexible number sense and its link to mathematics.
3–4/11/2022	Conference: Humans and Robots, how action shapes vision (Pisa, Italy). Organizer: Paola Binda (U. Pisa). Talk title: The effect of running on time and numerosity perception.
23–27/8/2020	Conference: 43rd European Conference of visual perception, Part of the symposium, “New ideas, techniques and models in visual brain development”. Organizer: Oliver Braddick. Talk title: The number sense and its link with mathematical abilities in typical and atypical development. (cancelled for pandemic)
18–19/10/2019	Conference: Foundations of mathematics in primary and pre-schools”, Parigi, (75001) 194 rue de Rivoli. Organizer: Ghislaine Dehaene Labertz. Talk title: The number sense and its link with mathematical abilities.
15–17/6/2019	Conference: Child Vision Research Society Meeting 2019 Pisa – (CVRS2019, Pisa, Italia). Organizer: Tinelli F., Anobile G. Talk title: The Number Sense and its link with child math abilities
16–18/6/2018	Conference: Sensory Plasticity, Adaptation and Development (SPADe 2018 Workshop, – Pisa, Italy). Organizer: Benedetto A., Morrone MC, Burr DC, Binda P. Talk title: Links between spatial and temporal numerosity and math skills.
29–30/9/2017	Conference: XXVI Congresso Airipa 2017, Conegliano, IT. Organizer: Zorzi M., Sella F. Talk title: La percezione della numerosità e la sua relazione con le abilità numeriche.
27–29/11/2011	Conference: Rovereto Attention Workshop – (Rovereto, Italia).Talk title: Linear mapping of numbers onto space require attention. (In occasione del premio come miglior poster)
6/5/2015	Conference: Department of Neuroscience of the University of Florence, PhD cycle seminars. Talk title: Dynamic mechanisms of the spatial representation of numbers.

INVITED ACADEMIC SEMINARS

27/2/2025	Seminar at the Faculty of Psychology, University of Bournemouth, UK on behalf of Prof. Matteo Toscani. Title: A sensorimotor number system.
13/5/2022	Seminar as part of the Psychobiology course (Department of History, Society and Human Studies, for the degree course Psychological Science and Techniques) at the University of Salento (On behalf of Prof. Marco Turi and Prof. Paola Angelelli). Title: Number sense and arithmetic abilities.
15/6/2022	Seminar at the Laboratory of Neurolinguistics and Developmental Neuropsychology (IRCCS Fondazione Stella Maris, Pisa, Italy). Organizers: Dr. ssa Annamaria Chilosi and Dr. ssa Paola Brovedani. Title: The perception of numerosity and its relationship with numerical abilities
3/2/2021	Seminar at the Faculty of Psychology, U. of Florence. Course: Doctorate Technology and Biomedical Area University of Florence. Title: “Doctors meet PhD students” for the cycle of meetings "Transversal skills activities for PhD students 2021
16/11/2015	Faculty: Psychology, University of Florence. Course: Psychology (B086). Teaching: Psychophysical, sensory, and motor assessment with exercises (B016667); Head: Prof. David C. Burr. 2-hour lecture, title: 'Role of attention in dyslexia and dyscalculia'.
24/11/2014	Faculty: Psychology, University of Florence. Course: Psychology (B086). Teaching: Psychophysical, sensory, and motor assessment with exercises (B016667); Head: Prof. David C. Burr. 4-hour lecture, title: 'Role of attention in dyslexia and dyscalculia'.

20/11/2014	Faculty: Psychology, University of Florence. Course: Psychology (B086). Teaching: Psychophysical, sensory and motor assessment with exercises (B016667); Head: Prof. David C. Burr. 4-hour lecture, title: 'Dyscalculia'.
18/11/2015	Faculty: Psychology, University of Florence. Course: Psychology (B086). Teaching: Psychophysical, sensory and motor assessment with exercises (B016667); Head: Prof. David C. Burr. Lecture of 3 hours, title: 'The perception of numerosity'.

CONFERENCES (excluding invited, only 1st author)

17–20/6/2024	Poster	Conference: 22nd Annual International Multisensory Research Forum Location: Reno, Nevada, USA Title: “A generalized sensorimotor number system: evidence from individual differences” Authors: Anobile G., Burr DC, Petrizzo I., Cicchini GM
27–31/8/2023	Poster	Conference: European conference of visual perception (ECVP) Location: Paphos, Cipro Title: “Number selective sensorimotor channels derived from individual differences”. Authors: Anobile G., Petrizzo I., Arrighi R., Paiardini D., Burr DC, Cicchini GM
21–26/1/2023	Poster	Conference: European workshop on cognitive neuropsychology Location: Bressanone, Italy Title: Math difficulties in ADHD do not originate from the visual number sense Authors: Anobile G., Bartoli M., Masi G., Tacchi A., Tinelli F.
25–28/10/2019	Poster	Conference: ESCOP, European society for cognitive psychology Location: Tenerife, Spain Title: Spontaneous perception of numerosity in pre-schoolers. Anobile G., Authors: Guerrini G., Burr D. C., Monti M., Del Lucchese B. & Cicchini G. M.
15–17/6/2019	Poster	Conference: Child Vision Society Research Society Meeting Location: Pisa, Italy Title: The Number Sense and its link with child math abilities” Authors: Anobile G, Cicchini GM, Gasperini F, Castaldi E, Turi M, Arrighi R & Burr DC
26–30/8/2018	Oral presentation	Conference: European conference of visual perception (ECVP) Location: Trieste, Italy Noisier but still flexible: typical numerosity adaptation despite selectively impaired number acuity in dyscalculia. Authors: Anobile, G, Gasperini F, Cicchini GM & Burr DC
21–26/1/2017	Oral presentation	Conference: European workshop on cognitive neuropsychology Location: Bressanone, Italy Title: Spatial and temporal subitizing reflects separate systems, neither of which predict math abilities. Authors: Anobile G, Arrighi R, Burr DC
20–21/2/2017	Poster	Conference: The origins of numerical abilities Location: London, UK Title: Mathematical abilities are predicted by sensitivity to the numerosity of spatial arrays but not temporal sequences Authors: Anobile G, Arrighi R, Castaldi E, Grassi E, Pedonese L, Moscoso MAP, Tinelli F & Burr DC
22–27/1/2017	Poster & Oral presentation	Conference: European Workshop on Cognitive Neuropsychology Location: Bressanone, Italy Title: Mathematical abilities are predicted by sensitivity to the numerosity of spatial arrays but not temporal sequences Authors: Anobile G, Arrighi R, Castaldi E, Grassi E, Pedonese L, Moscoso MAP, Tinelli F & Burr DC
24–29/1/2016	Oral presentation	Conference: European Workshop on Cognitive Neuropsychology Location: Bressanone, Italy Title: Numerosity but not texture-density discrimination correlates with math ability in children. Authors: Anobile, G Castaldi E, Turi M, Tinelli F, Burr DC
13–16/6/2015	Poster	Conference: International Multisensory Research Forum (IMRF) Location: Pisa, Italy Title: Cross-modal time perception, Visual number and Attention in Very Low Birth Weight children.

		Authors: Anobile G, Tinelli F, Gori M, Aagten-Murphy D, Bartoli M, Burr DC, Cioni G, Morrone MC.
5–9/7/2014	Poster	Conference: 9th FENS – Forum of Neuroscience Location: Milano, Italy Title: Time, Number and Attention in Very Low Birth Weight children. Authors: Anobile G, Tinelli F, Gori M, Aagten-Murphy D, Bartoli M, Burr DC, Cioni G, Morrone MC.
19–22/6/2013	Poster	Conference: Active Vision Workshop Location: San’Elia a Pianisi, Italy Title: The “logarithmic” numberline results from statistically optimal priming. Authors: Anobile G, Cicchini GM, Burr DC
26/2/2013	Poster	Conference: Interaction between space time and number: 20 years of research Location: Paris, France Title: Visual sustained attention and numerosity correlate with children’s math achievement Authors: Anobile G, Stievano P, Burr DC
2–6/9/2012	Poster	Conference: European conference of visual perception (ECVP) Location: Alghero, Italy Title: The Effect of cross-sensory attentional demand on subitizing and on mapping number onto space. Authors: Anobile G, Turi M, Cicchini GM, Burr DC
22–26/8/2010	Poster	Conference: European conference of visual perception (ECVP) Location: Losanna, Switzerland Title: Subitizing but not estimation of numerosity requires attentional resources. Authors: Anobile G, Cicchini GM, Burr DC
29–31/10/2009	Poster	Conference: Attention and Awareness Location: Rovereto, Italy Title: The Effect of Temporal Blink on Subitizing and Estimation. Authors: Anobile G & Burr DC

TEACHING ACTIVITIES

Summary statistics		
University	Faculty	Hours
U. of Florence	Psychology	339
U. of Florence	Economics and Management	64
U. of Florence	Humanities and Education	180
TOTAL		583

Academic year	Degree, University, School	Teaching	Hours
2020/2021	Master's degree University of Florence School of Psychology	Psychobiology of learning processes B029537	16
2020/2021	Master's degree University of Florence School of Psychology	Psychobiology of behavior B021319	10
2020/2021	Bachelor's degree University of Florence School of Psychology	Physiological psychology and psychobiology with elements of developmental cognitive neuroscience B015935	20
2021/2022	Bachelor's degree University of Florence School of Humanities and Education	Elements of psychobiology of learning processes B028799	36

Academic year	Degree, University, School	Teaching	Hours
2021/2022	Bachelor's degree University of Florence School of Psychology	Physiological psychology and psychobiology with elements of developmental cognitive neuroscience B015935	42
2022/2023	Bachelor's degree University of Florence School of Humanities and Education	Elements of psychobiology of learning processes B028799	36
2022/2023	Bachelor's degree University of Florence School of Economics and Management	Neuroscience of social-cognitive enhancement for well-being and neural bases of decision processes B031719	16
2022/2023	Master's degree University of Florence School of Psychology	Psychobiology of learning processes B029537	45
2023/2024	Bachelor's degree University of Florence School of Humanities and Education	Elements of psychobiology of learning processes B028799	36
2023/2024	Bachelor's degree University of Florence School of Psychology	Tutorials in psychology of cognitive processes B018669	30
2023/2024	Bachelor's degree University of Florence School of Economics and Management	Neuroscience of social-cognitive enhancement for well-being and neural bases of decision processes B031719	16
2023/2024	Master's degree University of Florence School of Psychology	Psychophysical assessment of sensory and attentional deficits B029536	14
2024/2025	Master's degree University of Florence School of Psychology	Perception laboratory B033304	7
2024/2025	Bachelor's degree University of Florence School of Economics and Management	Neuroscience of social-cognitive enhancement for well-being and neural bases of decision processes B031719	16
2024/2025	Bachelor's degree University of Florence School of Humanities and Education	Elements of psychobiology of learning processes B028799	36
2024/2025	Master's degree University of Florence School of Psychology	Psychophysical assessment of sensory and attentional deficits B029536	14
2024/2025	Master's degree University of Florence School of Psychology	Psychobiology of learning B033278	42
2024/2025	Bachelor's degree University of Florence School of Psychology	Tutorials in psychology of cognitive processes B018669	28
2025/2026	Master's degree University of Florence School of Psychology	Specific learning disorders and psychobiology of learning B033278	42

Academic year	Degree, University, School	Teaching	Hours
2025/2026	Bachelor's degree University of Florence School of Humanities and Education	Elements of psychobiology of learning processes B033335	36
2025/2026	Master's degree University of Florence School of Psychology	Perception laboratory B033304	15
2025/2026	Bachelor's degree University of Florence School of Economics and Management	Neuroscience of social-cognitive enhancement for well-being and neural bases of decision processes B031719	16
2025/2026	Master's degree University of Florence School of Psychology	Psychophysical assessment of sensory and attentional deficits B029536	14

INTEGRATIVE TEACHING ACTIVITIES

I supervised 39 theses (10 master's, 29 Bachelor's) and 3 postgraduate internships.

MEDIA COVERAGE

19/12/2025	PsyPost Media article: "How running tricks your brain into overestimating time" https://www.psypost.org/how-running-tricks-your-brain-into-overestimating-time/
17/07/2025	CogniFit Media article: "Study Finds Running and Mental Distraction Equally Distort Time Perception" https://blog.cognifit.com/study-running-mental-distraction-time-perception/
16/07/2025	Neuroscience News Media article: "Running the Clock: Attention and Movement Skew Time Perception" https://neurosciencenews.com/movement-attention-time-perception-29467/
14/03/2024	Corriere Nazionale Media article: "Cnr scopre come il cervello traduce cifre scritte in sequenze di azioni" https://www.corrierenazionale.it/2024/03/14/cnr-scopre-come-il-cervello-traduce-cifre-scritte-in-sequenze-di-azioni/
05/03/2024	Metropolitano.it Media article: "Dai numeri alle azioni: ecco il sistema usato dal nostro cervello" https://www.metropolitano.it/dai-numeri-alle-azioni-ecco-il-sistema-usato-dal-nostro-cervello/
23/02/2024	Aleph Tales Media article: "Svelato, dagli studiosi NEUROFARBA, un nuovo meccanismo numerico condiviso tra azione e percezione" https://aleph-theses.it/scienza/svelato-dal-neurofarba-un-nuovo-mechanismo-numerico-condiviso-tra-azione-e-percezione/
13/02/2024	CNR – Consiglio Nazionale delle Ricerche Media article: "Così il cervello "traduce" i numeri in sequenze di azioni" https://www.cnr.it/it/news/12518/cosi-il-cervello-traduce-i-numeri-in-sequenze-di-azioni
09/02/2024	UniFi Magazine Media article: "In matematica le azioni contano" https://www.unifimagazine.it/la-matematica-le-azioni-contano/
10/07/2019	CRV – Centro Ricerche sulla Visione Media article: "Rappresentazione spontanea della numerosità nello sviluppo tipico e nella discalculia" https://www.crvisione.it/wordpress/numerosita-discalculia/
27/09/2016	InForma Media article: "La vista conta" https://www.rivistainforma.it/la-vista-conta/
23/09/2016	L'Idea Magazine Media article: "La vista conta" https://lideamagazine.com/la-vista-conta/

22/09/2016	La Stampa Media article: “Hai problemi con la matematica? Eppure nel tuo cervello la scienza dei numeri è innata” https://www.lastampa.it/salute/2016/09/22/news/hai-problemi-con-la-matematica-eppure-nel-tuo-cervello-la-scienza-dei-numeri-e-innata-1.34809401
22/09/2016	Radio Monte Carlo Media article: “Incubo matematica, eppure nel nostro cervello la scienza dei numeri è innata” https://www.radiomontecarlo.net/incubo-matematica-eppure-nel-nostro-cervello-la-scienza-dei-numeri-e-innata/
12/09/2016	Galileo Media article: “Contiamo con ogni sguardo” https://web.archive.org/web/20160912142916/http://www.galileonet.it/2016/09/contiamo-con-ogni-sguardo/
12/09/2016	Healthdesk Media article: “Neuroscienze: il senso del numero è automatico” http://www.healthdesk.it/ricerca/neuroscienze-senso-numero-automatico
09/09/2016	CNR – Consiglio Nazionale delle Ricerche Media article: “La vista conta” https://www.cnr.it/it/comunicato-stampa/6999/la-vista-counta
09/09/2016	Le Scienze – Edizione italiana di Scientific American Media article: “La vista conta” https://www.lescienze.it/lanci/2016/09/09/news/cnr_la_vista_counta-3230546/
09/09/2016	Il Foglio Media article: “Cnr, cervello riconosce in automatico numeri, forme e colori” https://www.ilfoglio.it/salute/2016/09/09/news/cnr-cervello-riconosce-in-automatico-numeri-forme-e-colori-103810/
30/08/2016	Meet the Life Sciences Media article: “Il cervello elabora i numeri con uno stesso meccanismo condiviso fra percezione e azione” https://web.archive.org/web/20160915094034/http://www.meetthelifesciences.it/it/archivio/462-il-cervello-elabora-i-numeri-con-uno-stesso-mechanismo-condiviso-fra-percezione-e-azione
29/08/2016	MET News – Città Metropolitana di Firenze Media article: “Il cervello elabora i numeri con uno stesso meccanismo condiviso fra percezione e azione” https://web.archive.org/web/20160915093510/http://met.provincia.fi.it/news.aspx?n=226594
29/08/2016	GoNews.it Media article: “Scienza, importanti passi avanti nello studio della discalculia” https://web.archive.org/web/20160830172727/http://www.gonews.it/2016/08/29/scienza-importanti-passi-avanti-nello-studio-della-discalculia/
28/08/2016	Università degli Studi di Firenze Media article: “Il cervello elabora i numeri con uno stesso meccanismo condiviso fra percezione e azione” https://web.archive.org/web/20160915085838/http://www.unifi.it/vp-10835-il-cervello-elabora-i-numeri-con-uno-stesso-mechanismo-condiviso-fra-percezione-e-azione.html
12/08/2016	Brains and Behaviour Media article: “Tapping out affects the count: The brain links together action, space and number perception” https://medium.com/brains-and-behaviour/tapping-out-affects-the-count-c0f1d88de80
07/08/2014	Attention, Perception, & Psychophysics – News from the Field Media article: “Visual cognition: Past determines present in number space” https://link.springer.com/article/10.3758/s13414-014-0740-1
19/05/2014	Paginemediche Media article: “Black out della percezione: il cervello deve mediare” https://www.paginemediche.it/pro/medsurf/black-out-della-percezione-il-cervello-deve-mediare
19/05/2014	PianetaBluNews Media article: “Ecco perché il cervello non si accorge degli errori nei film” https://www.pianetablunews.it/2014/05/19/ecco-perche-il-cervello-non-si-accorge-degli-errori-nei-film/
17/05/2014	EnnaVivi Media article: “Black out della percezione: il cervello deve mediare” https://ennavivi.it/black-out-della-percezione-il-cervello-deve-mediare/
16/05/2014	L'Idea Magazine Media article: “Black out della percezione: il cervello deve mediare” https://lideamagazine.com/black-della-percezione-il-cervello-deve-mediare/
16/05/2014	Fanpage.it Media article: “Ecco perché il cervello non si accorge degli errori nei film” https://scienze.fanpage.it/ecco-perche-il-cervello-non-si-accorge-degli-errori-nei-film/
15/05/2014	CNR – Consiglio Nazionale delle Ricerche Media article: “Black out della percezione: il cervello deve mediare” https://web.archive.org/web/20160308112056/http://www.cnr.it/news/index/news/id/5769

15/05/2014	Le Scienze Media article: "IN-CNR: Black out della percezione, il cervello deve mediare" https://www.lescienze.it/lanci/2014/05/15/news/in-cnr_black_out_della_percezione_il_cervello_deve_mediare-2144749/
15/05/2014	Scienza in Rete Media article: "Black out della percezione: il cervello deve mediare" https://www.scienzainrete.it/contenuto/news/black-out-della-percezione-cervello-deve-mediare/maggio-2014

TECHNICAL SKILLS AND COMPETENCES

- MatLab (software for audio/visual/aptic stimuli coding, experimental procedures and data analysis)
- OriginLab (software for creating graphs and diagrams for data visualisation)
- SPSS (software for statistical data analysis)
- JASP (software for statistical data analysis)
- R (software for statistical data analysis)
- EEG (stimuli design, data recording and analysis)
- Pupillometry (stimuli design, data recording and analysis)
- Neuropsychology (administration, scoring, data analysis and interpretation of functional profiles of all cognitive functions)

Firmato digitalmente
da Giovanni Anobile
in data 11/08/2026

