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Ana Maria Abreu

Professora Auxiliar

CIS-Iscte - Centre for Psychological Research and Social Intervention
Department of Psychology (ECSH)



Contacts

E-mail	Ana.Maria.Abreu@iscte-iul.pt
Office	AA1.05

Curriculum

Ana Maria Abreu is an Assistant Professor at ISCTE – Instituto Universitário de Lisboa and an Integrated Researcher at CIS-ISCTE. She holds a Master’s degree in Neuropsychology from Université Paris 6 and a PhD in Brain, Cognition, and Behavior from Université Paris 6 and King’s College London, with postdoctoral training at La Sapienza University, UCP, and FMH – Universidade de Lisboa. Her research focuses on the impact of exercise on cognition, the perceptual and communication profiles of people with autism, and the effects of ICTs on cognition and mental health. She has published over 70 scientific works, supervised multiple PhD and MSc theses, and has taught in Portuguese, English, Italian, and French.

Research Interests

Screen-time, social networks and cognition: How screens affect social, mental and cognitive health and how social networks contribute to the polarization of opinions.

Exercise, Sports and Cognition: How exercise and sports impact cognition; The neural correlates of (motor) expert decision-making.

Developmental Disorders: Perception and Information processing in Autism and links with atypical social interactions.

Gamification and learning: Impact of digital and analog gamification in learning.

Academic Qualifications

University/Institution	Type	Degree	Period
Universidade de Lisboa - Faculdade de Motricidade Humana	Post-Doc	Sport Psychology	2013
Universidade Catolica Portuguesa	Post-Doc	Psicologia Cognitiva	2010
Università La Sapienza	Post-Doc	Neuropsicologia Social e Afetiva	2008
Université Pierre et Marie Curie + Kings College London	PhD	École Doctorale 3C: Cerveau - Cognition - Comportement	2006
Pierre et Marie Curie	M.Sc.	Neuropsicologia	2002
Instituto Universitario de Ciencias Psicológicas Sociais e da Vida	Licenciante	Psicologia Aplicada - Ramo Educacional	2001

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2026/2027	2º	Cognition & Emotion	Master Degree in Emotion Sciences;	Yes
2026/2027	2º	Psychophysiology of Emotion	Master Degree in Emotion Sciences;	Yes
2026/2027	2º	Development of Professional and Academic Skills	Master Degree in Social and Organizational Psychology;	Yes
2026/2027	2º	Guided Practice in Social and Organizational Psychology	Bachelor Degree in Psychology;	Yes
2026/2027	2º	Neuropsychology	Bachelor Degree in Psychology;	No
2026/2027	1º	Biological Bases of Emotions	Master Degree in Emotion Sciences;	No
2026/2027	1º	Cognition & Emotion	Master Degree in Artificial Intelligence;	Yes
2026/2027	1º	Research Seminar in Psychology - Advanced Issues	Doctorate Degree (PhD) in Psychology;	No
2025/2026	2º	Development of Professional and Academic Skills	Master Degree in Social and Organizational Psychology;	Yes
2025/2026	2º	Neuropsychology	Bachelor Degree in Psychology;	No
2025/2026	2º	Academic Competencies II	Bachelor Degree in Psychology;	No

Supervisions

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	João Pinguinha Sá	Psychological Factors Predicting Performance in Elite Athletes and Para-Athletes	Portuguese	Developing	Universidade Europeia
2	Franz Coelho	Impact of Gamification in Higher Education	English	Delivered	Universidade Católica Portuguesa
3	Inês Simões Mendonça	Social networks: Acute and chronic effects on cognition	Portuguese	Developing	Universidade Católica Portuguesa

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Reinaldo Luís Maeneja	The impact of physical activity on cognition	Portuguese	Universidade Católica Portuguesa	2024
2	Luísa Martinez	Complementary Colors in workplace settings: How they affect behavior	Portuguese	Universidade Europeia	2019
3	Tiago Pereira	Brain and motor performance: Insights on exercise-dependent motor learning, consolidation and inhibition across different tasks and life-span	English	Universidade Católica Portuguesa	2017

• M.Sc. Dissertations

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Cíntia Dourado	Peripheral Visual processing in Autism Spectrum Disorders: An eye-tracking study	Portuguese	Universidade Católica Portuguesa - Faculdade de Ciências da Saúde e Enfermagem	2025
2	Francisca do Canto Moniz Ramada	Neuropsychological assessment of professional and amateur athletes who practice combat sports with headbutts	Portuguese	Universidade Católica Portuguesa	2024
3	Mariana Salgado	Perception of time and space in Autism Spectrum Disorders	Portuguese	Universidade Católica Portuguesa	2024

4	Mónica de Morais	Domain-specific cognitive benefits in rugby athletes	Portuguese	Universidade Católica Portuguesa	2023
5	Sara Beatriz Antunes Franco	GroupSensing – Exploring team identification in a sensory experience and purchase intentions using biosignals	Portuguese	IST	2021
6	Patrícia Oliveira	Proneness for exercise, cognitive and psychophysiological consequences of action observation	Portuguese	Faculdade de Motricidade Humana - Universidade de Lisboa	2012
7	Vânia Nota	Attitudes of peers towards colleagues with autism spectrum disorders	Portuguese	Instituto Superior de Educação e Ciência	2011
8	Ana Paula Duarte	Disregarding the difficulties experienced by regular school teachers in the context of interaction with students with Asperger Syndrome	Portuguese	Instituto Superior de Educação e Ciência	2011

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Vincenzo Giorgio	Protocol in Scientific Research in Neuroimaging	Other Language	Università La Sapienza	2007

Total Citations

Web of Science®	679
Scopus	582

Publications

• Scientific Journals

- Scientific journal paper

1	Pereira, M., Abreu, A. M. & Ferreira, I. S. (N/A). Differences in processing speed, attention, and executive functions in rugby and padel athletes. <i>Journal of Cognitive Enhancement</i> . N/A
2	Coelho, F., Rando, B., Bernardes, R., Pontífice-Sousa, P., Gonçalves, D. & Abreu, A. M. (2026). Playing solo, against rivals, or in a team? Exploring individual, competitive, and cooperative dynamics in gamified digital education. <i>Entertainment Computing</i> . 56 - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 3

3	Coelho, Franz & Abreu, A. M. (2026). Mental healing through immersive play: An umbrella review. <i>Virtual Reality</i> .
4	Coelho, Franz, Rando, B., David Aparício, Patrícia Pontífice-Sousa, Daniel Gonçalves & Abreu, A. M. (2025). The impact of educational gamification on cognition, emotions, and motivation: a randomized controlled trial. <i>Journal of Computers in Education</i> . - Times Cited Web of Science®: 18 - Times Cited Scopus: 9 - Times Cited Google Scholar: 33
5	Inês Mendonça, Coelho, Franz, Rando, B. & Abreu, A. M. (2025). A Comparative Study of Short-term Social Media Use with Face-to-face Interaction in Adolescence. <i>Children</i> . - Times Cited Google Scholar: 2
6	Inês Saraiva Ferreira, Rando, B., António Esteves, Milena Castro, Xavier, I. & Abreu, A. M. (2025). Nomophobia and Its Predictors: The Role of Psychological, Sociodemographic, and Internet Use Factors. <i>International Journal of Environmental Research and Public Health</i> . - Times Cited Google Scholar: 1
7	Coelho, Franz, Rando, B., Mariana Salgado & Abreu, A. M. (2025). Sensory Processing of Time and Space in Autistic Children. <i>Children</i> . - Times Cited Web of Science®: 4 - Times Cited Scopus: 2 - Times Cited Google Scholar: 6
8	Coelho, Franz & Abreu, A. M. (2025). Neurosociological perspectives on video games: A narrative review. <i>Human Technology</i> . - Times Cited Google Scholar: 2
9	Coelho, Franz, Daniel Gonçalves & Abreu, A. M. (2025). The Impact of Game-Based Interventions on Adult Cognition: A Systematic Review. <i>International Journal of Human-Computer Interaction</i> . - Times Cited Web of Science®: 8 - Times Cited Scopus: 8 - Times Cited Google Scholar: 11
10	Coelho, Franz & Abreu, A. M. (2025). Systemic Gamification Theory (SGT): A Holistic Model for Inclusive Gamified Digital Learning. <i>Multimodal Technologies and Interaction</i> . - Times Cited Web of Science®: 1 - Times Cited Scopus: 4 - Times Cited Google Scholar: 7
11	Blachnio, Agata & Abreu, A. M. (2025). Lonely Online: A Social Model of Digital Media Addiction. A Study in 21 Countries. <i>The Social Science Journal</i> . - Times Cited Web of Science®: 5 - Times Cited Scopus: 3
12	Blachnio, Agata, Przepiórka, Aneta, Gorbaniuk, Oleg, Abreu, A. M., Bendayan, Rebecca, Menachem Ben-Ezra...et al (2024). Measurement Invariance of the Facebook Intrusion Questionnaire Across 25 Countries. <i>International Journal of Psychology</i> .
13	Maeneja, Reinaldo, Inês Saraiva Ferreira & Abreu, A. M. (2024). Duration and efficiency of combined versus isolated aerobic training interventions in post-stroke cognition. <i>Revista Portuguesa de Saúde Pública</i> . 42 (1), 43-62 - Times Cited Web of Science®: 2 - Times Cited Scopus: 1

14	Blachnio, Agata, Przepiórka, Aneta, Gorbaniuk, Oleg, Abreu, A. M., Bendayan, Rebecca, Menachem Ben-Ezra...et al (2024). Measurement invariance of the Facebook intrusion questionnaire across 25 countries. <i>International Journal of Psychology</i> . - Times Cited Google Scholar: 2
15	Mara Susana Pereira Moita, Abreu, A. M. & Ana Margarida Mineiro Rodrigues Zaky (2023). Iconicity in the emergence of a phonological system?. <i>Journal of Language Evolution</i> . - Times Cited Web of Science®: 2 - Times Cited Scopus: 1 - Times Cited Google Scholar: 7
16	Marisa M. Raposo, Abreu, A. M., Leticia L. Dionizio, Teresa Leite & Castro-Caldas, A. (2023). Music Therapy Assessment with the IMCAP-ND: A Pilot Study. <i>Voices: A World Forum for Music Therapy</i> . - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 1
17	Maeneja, Reinaldo, Cláudia Ribeiro da Silva, Ferreira, Inês & Abreu, A. M. (2023). Aerobic physical exercise versus dual-task cognitive walking in cognitive rehabilitation of people with stroke: a randomized clinical trial. <i>Frontiers in Psychology</i> . - Times Cited Web of Science®: 23 - Times Cited Scopus: 18 - Times Cited Google Scholar: 25
18	Coelho, Franz & Abreu, A. M. (2023). The Corporate (Magic) Circle: Fun Work or Controlled Play?. <i>TechTrends</i> . - Times Cited Web of Science®: 12 - Times Cited Scopus: 8 - Times Cited Google Scholar: 18
19	Sara Franco, Abreu, A. M., Biscaia, R. & Sandra Gama (2022). Sports ingroup love does not make me like the sponsor's beverage but gets me buying it. <i>PLoS One</i> . - Times Cited Google Scholar: 8
20	Abreu, A. M., Ana Margarida Mineiro Rodrigues Zaky, Cláudia Ribeiro da Silva & Castro-Caldas, A. (2022). Space, movement, and articulation in a newly emergent sign language: Contributions for neural and sociocognitive efficiency in communication. <i>International Journal of Psychology and Neuroscience</i> . 8 (1), 1-18
21	M. Gonçalves & Abreu, A. M. (2022). Sensory Processing and Occupational Participation. <i>Journal of Occupational Therapy, Schools, & Early Intervention</i> . - Times Cited Web of Science®: 11 - Times Cited Scopus: 12 - Times Cited Google Scholar: 14
22	Maeneja, Reinaldo, Inês S. Ferreira, Cláudia R. Silva & Abreu, A. M. (2022). Cognitive Benefits of Exercise: Is There a Time-of-Day Effect?. <i>Healthcare</i> . - Times Cited Web of Science®: 6 - Times Cited Scopus: 4 - Times Cited Google Scholar: 9
23	Abreu, A. M., Ana Margarida Mineiro Rodrigues Zaky, Cláudia Ribeiro da Silva & Castro-Caldas, A. (2022). Space, movement and articulation in a newly emergent sign language: Contributions for neural and sociocognitive efficiency. <i>International Journal of Psychology and Neuroscience</i> .

24	<p>F. Javier García-Castro, Abreu, A. M., Rando, B. & María J. Blanca (2022). The Phubbing Scale (PS-8) in the Portuguese population: psychometric properties. <i>Psicologia: Reflexão e Crítica</i>.</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 14 - Times Cited Scopus: 13 - Times Cited Google Scholar: 23
25	<p>Abreu, A. M., Monteiro, Cristina P. & Rando, B. (2022). The impact of action observation on the intention for action engagement. <i>International Journal of Sport and Exercise Psychology</i>. 1-18</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 2 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
26	<p>Rodrigues, Filipa M., Abreu, A. M., Holmström, Ingela & Ana Margarida Mineiro Rodrigues Zaky (2022). E-learning is a burden for the deaf and hard of hearing. <i>Scientific Reports</i>. 12 (1)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 21 - Times Cited Scopus: 19 - Times Cited Google Scholar: 34
27	<p>Rando, B., Abreu, A. M. & María J. Blanca (2022). New evidence on the psychometric properties of the portuguese version of the flourishing scale: measurement invariance across gender. <i>Current Psychology</i>.</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 8 - Times Cited Scopus: 8 - Times Cited Google Scholar: 15
28	<p>Inês Mendonça, Coelho, Franz, Paulo Ferrajão & Abreu, A. M. (2022). Telework and Mental Health during COVID-19. <i>International Journal of Environmental Research and Public Health</i>.</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 56 - Times Cited Scopus: 49 - Times Cited Google Scholar: 101
29	<p>Abreu, A. M., Blachnio, Agata, Przepiórka, Aneta, Gorbaniuk, Oleg, McNeill, Monika, Bendayan, Rebecca...et al (2021). Country indicators moderating the relationship between phubbing and psychological distress: A comparative study between 20 countries. <i>Frontiers in Psychology</i>. 12 (5544)</p>
30	<p>Abreu, A. M. (2021). Sports ingroup love does not make me like a beverage but gets me buying it. <i>PLOS ONE</i>.</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 5 - Times Cited Scopus: 4
31	<p>Martinez, Luisa M., Rando, B., Agante, Luisa & Abreu, A. M. (2021). True colors: Consumers' packaging choices depend on the color of retail environment. <i>Journal of Retailing and Consumer Services</i>. 59, 102372</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 63 - Times Cited Scopus: 57 - Times Cited Google Scholar: 135
32	<p>Abreu, A. M., Blachnio, Agata, Przepiórka, Aneta, Gorbaniuk, Oleg, Bendayan, Rebecca, McNeill, Monika...et al (2021). Measurement invariance of the Phubbing Scale across 20 countries. <i>International Journal of Psychology</i>.</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 32 - Times Cited Scopus: 31 - Times Cited Google Scholar: 53
33	<p>Martinez, L. M., Rando, B., Agante, Luisa & Abreu, A. M. (2021). True colors: Costumers ` packaging choices depend on color of retail environment. <i>Journal of Retailing and Consumer Services</i>. 59</p>

34	<p>Martinez, L. M., Gameiro, D., Martinez, L., Agante L. & Abreu, A. M. (2020). The influence of colour in anthropomorphic packaging: Purchase intention and product attractiveness. <i>Revista Portuguesa de Marketing</i>.</p> <p>- Times Cited Google Scholar: 1</p>
35	<p>Martinez, L.F., Gameiro, D., Martinez, L.F., Agante, Luisa & Abreu, A. M. (2020). The Influence of colour in anthropomorphic packaging: Purchase intention and product attractiveness. <i>Revista Portuguesa de Marketing</i>. 19 (37), 71-86</p> <p>- Times Cited Google Scholar: 1</p>
36	<p>Maeneja, Reinaldo & Abreu, A. M. (2020). The ubiquity of ICTS: Mental health risks reinforced by COVID-19 crisis. <i>Psicologia, Saúde & Doença</i>. 21 (03), 571-581</p> <p>- Times Cited Web of Science®: 7</p>
37	<p>Abreu, A. M. & Frade, I. (2020). Running against the schedule: Are children exercising at the right time? A comment on the Portuguese Education System. <i>Cadernos de Saúde</i>. 12 (2), 33-40</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Google Scholar: 2</p>
38	<p>Özkan, D.G., Pezzetta, R., Moreau, Q., Abreu, A. M. & Aglioti, S.M. (2019). Predicting the fate of basketball throws: an EEG study on expert action prediction in wheelchair basketball players. <i>Experimental Brain Research</i>. 237 (12), 3363-3373</p> <p>- Times Cited Web of Science®: 18</p> <p>- Times Cited Scopus: 19</p> <p>- Times Cited Google Scholar: 21</p>
39	<p>Barreiros, A. & Abreu, A. M. (2017). Sports expertise: Is nature or nurture to blame? No, it's the brain!. <i>Revista Iberoamericana de Psicología del Ejercicio y el Deporte</i>. 12 (2), 307-312</p> <p>- Times Cited Google Scholar: 7</p>
40	<p>Sacavém, A., Martinez, L.F., da Cunha, J.V., Abreu, A. M. & Johnson, S.K. (2017). Charismatic Leadership: A Study on Delivery Styles, Mood, and Performance. <i>Journal of Leadership Studies</i>. 11 (3), 21-38</p> <p>- Times Cited Scopus: 7</p> <p>- Times Cited Google Scholar: 80</p>
41	<p>Abreu, A. M. (2016). Motion Perception and Social Cognition in Autism: Speed Selective Impairments in Socio-Conceptual Processing?. <i>Journal of Advanced Neuroscience Research</i>.</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Google Scholar: 4</p>
42	<p>Abreu, A. M. & Duarte, Ricardo (2015). Expertise in sports: Reconciling sports sciences with findings from experimental and social psychology and neuroscience. <i>Annals of Sports Medicine and Research</i>. 2 (3), 1020</p> <p>- Times Cited Google Scholar: 5</p>
43	<p>Oliveira, P.A., Araújo, D. & Abreu, A. M. (2014). Proneness for exercise, cognitive and psychophysiological consequences of action observation. <i>Psychology of Sport and Exercise</i>. 15 (1), 39-47</p> <p>- Times Cited Web of Science®: 6</p> <p>- Times Cited Scopus: 4</p> <p>- Times Cited Google Scholar: 13</p>
44	<p>Abreu, A. M. (2014). Age-related Gender Differences in Motor and Inhibitory Learning and Consolidation. <i>Journal of Advanced Neuroscience Research</i>.</p> <p>- Times Cited Google Scholar: 7</p>

45	<p>Abreu, A. M. (2014). Action anticipation in sports: A particular case of expert decision-making. <i>TRENDS in Sport Sciences</i>. 1 (21), 5-11</p> <p>- Times Cited Google Scholar: 11</p>
46	<p>Tiago Pereira, Abreu, A. M. & Castro-Caldas, A. (2013). Understanding task- and expertise-specific motor acquisition and motor memory formation and consolidation. <i>Perceptual and Motor Skills</i>. 117 (1), 108-129</p> <p>- Times Cited Web of Science®: 11</p> <p>- Times Cited Scopus: 10</p> <p>- Times Cited Google Scholar: 24</p>
47	<p>Rato, J.R., Abreu, A. M. & Castro-Caldas, A. (2013). Neuromyths in education: what is fact and what is fiction for Portuguese teachers?. <i>Educational Research</i>. 55 (4), 441-453</p> <p>- Times Cited Web of Science®: 92</p> <p>- Times Cited Scopus: 71</p> <p>- Times Cited Google Scholar: 182</p>
48	<p>Abreu, A. M., Macaluso, E., Azevedo, R.T., Cesari, P., Urgesi, C. & Aglioti, S.M. (2012). Action anticipation beyond the action observation network: A functional magnetic resonance imaging study in expert basketball players. <i>European Journal of Neuroscience</i>. 35 (10), 1646-1654</p> <p>- Times Cited Web of Science®: 160</p> <p>- Times Cited Scopus: 142</p> <p>- Times Cited Google Scholar: 261</p>
49	<p>Rato, Joana R., Abreu, A. M. & Castro-Caldas, A. (2011). Achieving a successful relationship between Neuroscience and Education: The views of Portuguese teachers. <i>Procedia - Social and Behavioral Sciences</i>. 29, 879-884</p> <p>- Times Cited Web of Science®: 21</p> <p>- Times Cited Scopus: 13</p> <p>- Times Cited Google Scholar: 46</p>
50	<p>Candidi, Matteo, Vicario, Carmelo Mario, Abreu, A. M. & Aglioti, Salvatore Maria (2010). Competing Mechanisms for Mapping Action-Related Categorical Knowledge and Observed Actions. <i>Cerebral Cortex</i>. 20 (12), 2832-2841</p> <p>- Times Cited Web of Science®: 42</p> <p>- Times Cited Scopus: 41</p> <p>- Times Cited Google Scholar: 57</p>
51	<p>Abreu, A. M. & de Schonen, S. (2009). Heterogeneity in motion perception deficits in developmental disorders: Evidence from Autism and Williams Syndrome. <i>Cadernos de Saúde</i>. 2 (1), 41-50</p> <p>- Times Cited Google Scholar: 4</p>
52	<p>Abreu, A. M. (2009). Relação entre Anomalias no Processamento Visual e o Comportamento Social em Crianças com Perturbações do Espectro do Autismo e Síndrome de Williams. <i>Revista de Educação Especial e Reabilitação</i>. 16, 19-38</p> <p>- Times Cited Google Scholar: 2</p>
53	<p>Abreu, A. M., French, R.M., Cowell, R.A. & de Schonen, S. (2006). Local-global visual deficits in Williams Syndrome: Stimulus presence contributes to diminished performance on image-reproduction. <i>Psychologica Belgica</i>. 46 (4), 269-281</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Scopus: 3</p> <p>- Times Cited Google Scholar: 4</p>

54	<p>Abreu, A. M. & Happé, F. (2005). Perceiving ASD through the motions. <i>Cahiers de Psychologie Cognitive</i>. 23 (1-2), 35-43</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Google Scholar: 2</p>
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• Books and Book Chapters

- Book author

1	<p>Abreu, A. M. & Rato, Joana R. (2018). <i>NeuroPsicologia do desporto e do movimento humano: O que te faltava saber!</i>. Climepsi.</p>
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- Book chapter

1	<p>Coelho, Franz & Abreu, A. M. (2025). Geração digital: Como as tecnologias afetam o potencial humano?. In Santos, {Adriane de Almeida (Ed.), <i>Ciberpsicologia e Humanidades Digitais</i>. (pp. 75-106).: Pimenta Cultural.</p> <p>- Times Cited Google Scholar: 5</p>
2	<p>Abreu, A. M. (2023). The effects of ICT pervasiveness on cognition and the brain: An opinion paper. In <i>On the verge of neurosciences: Challenges in brain sciences today</i> .: UCP Editora.</p> <p>- Times Cited Google Scholar: 1</p>
3	<p>Abreu, A. M. (2023). Lazer e exercício físico na promoção da saúde mental na era digital. In <i>Psicologia clínica e da saúde: Da teoria à intervenção</i> . (pp. 175-188).: Sílabo.</p> <p>- Times Cited Google Scholar: 2</p>
4	<p>Abreu, A. M. (2021). Lazer e exercício físico na promoção da saúde mental na era digital. In M. Nery and T. Santos (Ed.), <i>Psicologia Clínica e da Saúde: Da Teoria à Intervenção</i>.</p>
5	<p>Abreu, A. M., Esteves, Pedro Tiago & Aglioti, S.M. (2019). Action understanding, motor resonance, and embodied simulation in sports: Bridging ecological and neuroscientific approaches. In M.L. Cappuccio (Ed.), <i>MIT Press Handbook of Embodied Cognition and Sport Psychology</i> . (pp. 359-379). Boston: MIT Press.</p>
6	<p>Abreu, A. M. & Rato, J.R. (2018). As novas tendências de investigação para perceberes o desporto e o movimento humano. In A. M. Abreu and J. Rato (Ed.), <i>NeuroPsicologia do desporto e do movimento humano: O que te faltava saber!</i> . (pp. 1-36). Lisbon: Climepsi Editores.</p> <p>- Times Cited Google Scholar: 1</p>
7	<p>Abreu, A. M., Candidi, Matteo & Aglioti, Salvatore Maria (2017). Catching on it early: Bodily and brain anticipatory mechanisms for excellence in sport. In <i>Sport and the Brain: The Science of Preparing, Enduring and Winning, Part B</i>. (pp. 53-67).: Elsevier.</p> <p>- Times Cited Web of Science®: 16</p> <p>- Times Cited Scopus: 16</p> <p>- Times Cited Google Scholar: 23</p>
8	<p>Abreu, A. M. & Pedro T. Esteves (2014). Bases neurocientíficas de la toma de decisiones en el deporte. In F. Del Villar Álvarez and L. García-González (Ed.), <i>El entrenamiento táctico y decisional en el deporte</i>. (pp. 59-79). Madrid: Síntesis.</p> <p>- Times Cited Google Scholar: 11</p>
9	<p>Abreu, A. M. (2010). A neurofisiologia da consciência. In <i>Manual de loga</i>.</p>

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Coelho, Franz & Abreu, A. M. (2025). Designing Immersive Healing: Exploring Extended Reality Game-Based Intervention Elements for Mental Health. In 2025 IEEE 11th International Conference on Serious Games and Applications for Health (SeGAH). - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
2	Coelho, Franz, Daniel Gonçalves & Abreu, A. M. (2024). External and model validity in a systematic review of game-based interventions. In The future of education.: Pixel. - Times Cited Google Scholar: 1
3	Coelho, Franz, Daniel Gonçalves & Abreu, A. M. (2024). Game On: A Pilot Study of a Gamified Digital Learning Platform and Protocol. In ICDTE 2024. - Times Cited Web of Science®: 4 - Times Cited Scopus: 3 - Times Cited Google Scholar: 6
4	Coelho, Franz, David Aparício, Patrícia Sousa, Daniel Gonçalves & Abreu, A. M. (2023). Cognitive, emotional, and motivational effects of gamification in the context of learning: A protocol feasibility and usability study. In Center for Interdisciplinary Research in Health (CIIS) National Meeting 2023. - Times Cited Google Scholar: 5
5	Martinez, L.F., Silva, M., Martinez, L.F. & Abreu, A. M. (2018). Colour contrast in packaging and consumer product perception. In Proceedings of the International Colour Association (AIC) Conference 2018. (pp. 353-360). Lisbon: Associação Portuguesa da Cor - https://novaresearch.unl.pt/en/publications/colour-contrast-in-packaging-and-consumer-product-perception . - Times Cited Web of Science®: 2 - Times Cited Google Scholar: 7
6	Martinez, L. M., Silva, M., Martinez, L. & Abreu, A. M. (2018). Colour contrast in packaging and consumer product perception. In Proceedings of the International Colour Association (AIC) Conference 2018 – Colour & Human Comfort in Lisboa.: International Colour Association Incorporated. - Times Cited Google Scholar: 7
7	Abreu, A. M., Verloes, A. & de Schonen, S. (2004). Development of Visual Motion Sensitivity in Autistic and Williams Syndrome Children. In International Society for the Study of Behavioral Development (ISSBD).

• Other Publications

- Non-peer-reviewed papers

1	Abreu, A. M. & Candidi, Matteo (2009). There is more to action words than verbs: The case of action nouns. Electronic letter published at The Journal of Neuroscience.
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- Other publications

1	Abreu, A. M., RM French & de Schonen, S. (2004). To what extent are local - global visual deficits in Williams syndrome found at a purely perceptual integration level?.
2	A Laurent, A Arzimanoglou, Abreu, A. M., E Maes & de Schonen, S. (2003). Development of some visuo-spatial skills in children with temporal lobe epilepsy.

- Master's Dissertation

1	Abreu, A. M. (2002). Sensibilité au mouvement visuel chez des Jeunes Enfants Autistes et chez des Enfants Atteints du Syndrome de Williams.
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- Doctoral Thesis

1	Abreu, A. M. (2006). Visual motion processing specificities in children with Autism and Williams Syndrome.
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Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Member of scientific journal editing staff	Frontiers Psychology	16641078	Since 2023	English