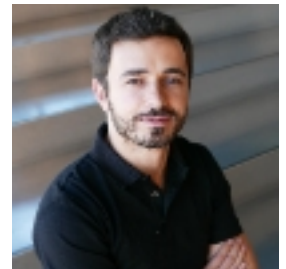


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César Lima

Professor Associado (com Agregação)

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



Contacts

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Curriculum

César Lima is an Associate Professor with Habilitation in the Department of Psychology at Iscte - University Institute of Lisbon. His research focuses on the psychology and neuroscience of music, voice and emotion (MUVE Lab). He addresses these topics by combining experimental psychology and cognitive neuroscience approaches, in healthy individuals of all ages, in specialised populations (e.g., musicians), and in clinical populations (e.g., with neurological disorders). He has published over 60 peer-reviewed articles in journals including *Emotion Review*, *Cerebral Cortex*, *Brain*, *Current Biology*, *Trends in Neurosciences*, *Nature Reviews Neuroscience*, and *Annual Review of Psychology*. César Lima is on the Editorial Board of *Royal Society Open Science* (category Psychology and Cognitive Neuroscience). He has been invited to review papers for journals such as *Psychological Bulletin*, *American Psychologist*, or *Nature Human Behavior*, and grant applications for the *Leverhulme Trust*, *Royal Society*, *Czech Science Foundation* *Swiss National Science Foundation*, and the *Dutch Research Council*.

Before joining Iscte, César Lima completed his Ph.D. in Psychology at the University of Porto (2011), was a Research Associate at the Institute of Cognitive Neuroscience - University College London (2012-2016), and a Senior Research Associate at the University of Porto (2016-2017). His work as principal investigator has been funded by the *British Academy* and by the *Portuguese Foundation for Science and Technology*.

At Iscte, he teaches cognitive psychology and neuroscience courses. He is also the director of the Doctoral Program in Psychology.

Research Interests

vocal communication
emotion
emotional vocalisations
music psychology
cognitive and affective neuroscience
social perception
neurocognitive ageing
neuropsychological assessment

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitario de Lisboa	Aggregation	Psychology	2023
Universidade do Porto	PhD	Psicologia	2011
Universidade do Porto	M.Sc.	Psicologia - Especialização em Psicologia da Linguagem e Neuropsicologia	2008
Universidade do Porto	Licenciante	Psicologia	2007

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2026/2027	2º	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes
2026/2027	2º	Neuropsychology	Bachelor Degree in Psychology;	Yes
2026/2027	1º	Biological Bases of Emotions	Master Degree in Emotion Sciences;	Yes
2026/2027	1º	Project Seminar in Psychology	Doctorate Degree (PhD) in Psychology;	Yes
2026/2027	1º	Doctoral Thesis in Psychology		Yes
2026/2027	1º	Doctoral Thesis in Psychology	Doctorate Degree (PhD) in Psychology;	Yes
2025/2026	2º	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes

2025/2026	2°	Neuropsychology	Bachelor Degree in Psychology;	Yes
2025/2026	1°	Biological Bases of Emotions	Master Degree in Emotion Sciences;	Yes
2025/2026	1°	Cognition & Emotion		Yes
2025/2026	1°	Master Dissertation in Emotion Sciences	Master Degree in Emotion Sciences;	Yes
2025/2026	1°	Doctoral Thesis in Psychology	Doctorate Degree (PhD) in Psychology;	No
2024/2025	2°	Cognition & Emotion		Yes
2024/2025	2°	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes
2024/2025	2°	Neuropsychology	Bachelor Degree in Psychology;	Yes
2024/2025	2°	Language and Thought		Yes
2024/2025	1°	Doctoral Thesis in Psychology	Doctorate Degree (PhD) in Psychology;	No
2023/2024	1°	Biological Bases of Emotions		Yes
2023/2024	1°	Cognition & Emotion		Yes
2023/2024	1°	Perspectives & Theories of Emotion		Yes
2023/2024	1°	Master Dissertation in Emotion Sciences		No
2023/2024	1°	Doctoral Thesis in Psychology	Doctorate Degree (PhD) in Psychology;	No
2023/2024	1°	Internship in Social and Organizational Psychology		No
2022/2023	2°	Applied Project in Emotion Sciences		Yes
2022/2023	2°	Training of Academic Skills in Psychology	Doctorate Degree (PhD) in Psychology;	Yes
2022/2023	2°	Doctoral Thesis in Psychology	Doctorate Degree (PhD) in Psychology;	No
2022/2023	2°	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes
2022/2023	2°	Neuropsychology	Bachelor Degree in Psychology;	Yes
2022/2023	2°	Language and Thought	Bachelor Degree in Psychology;	No
2022/2023	1°	Biological Bases of Emotions		Yes

2022/2023	1°	Cognition & Emotion		Yes
2022/2023	1°	Master Dissertation in Emotion Sciences		Yes
2022/2023	1°	Applied Project in Emotion Sciences		Yes
2022/2023	1°	Training of Academic Skills in Psychology	Doctorate Degree (PhD) in Psychology;	Yes
2021/2022	2°	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes
2021/2022	2°	Neuropsychology	Bachelor Degree in Psychology;	Yes
2021/2022	2°	Language and Thought	Bachelor Degree in Psychology;	No
2021/2022	1°	Biological Bases of Emotions		Yes
2021/2022	1°	Cognition & Emotion		Yes
2021/2022	1°	Doctoral Thesis in Psychology		No
2020/2021	2°	Project Seminar in Psychology	Doctorate Degree (PhD) in Psychology;	No
2020/2021	2°	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes
2020/2021	2°	Neuropsychology	Bachelor Degree in Psychology;	Yes
2020/2021	2°	Language and Thought	Bachelor Degree in Psychology;	No
2020/2021	1°	Biological Bases of Emotions		Yes
2020/2021	1°	Cognition & Emotion		Yes
2020/2021	1°	Project Seminar in Psychology	Doctorate Degree (PhD) in Psychology;	No
2020/2021	1°	Doctoral Thesis in Psychology	Doctorate Degree (PhD) in Psychology;	No
2019/2020	2°	Dissertation in Social and Organizational Psychology		No
2019/2020	2°	Advances in Emotions Neurociences		Yes
2019/2020	2°	Research Seminar in Psychology - Advanced Issues		No
2019/2020	2°	Project Seminar in Psychology	Doctorate Degree (PhD) in Psychology;	No
2019/2020	2°	Doctoral Thesis in Psychology IV		No

2019/2020	2°	Biological Bases of Behavior	Bachelor Degree in Psychology;	Yes
2019/2020	2°	Neuropsychology	Bachelor Degree in Psychology;	Yes
2019/2020	2°	Language and Thought	Bachelor Degree in Psychology;	No
2019/2020	1°	Dissertation in Social and Organizational Psychology		No
2019/2020	1°	Biological Bases of Emotions		Yes
2019/2020	1°	Cognition & Emotion		Yes
2019/2020	1°	Research Seminar in Psychology - Advanced Issues		No
2019/2020	1°	Project Seminar in Psychology	Doctorate Degree (PhD) in Psychology;	No
2019/2020	1°	Doctoral Thesis in Psychology III		No

Supervisions

• Post-doc Supervisions

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Marta Martins	Music for the development of socio-emotional skills	Portuguese	Developing	Iscte

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Leonor Neves	How does musical training affect socio-emotional abilities in children? A behavioural and neuroimaging longitudinal study	English	Developing	Iscte
2	Ricardo Jorge Ferrão Vilaverde	Understanding Sensorimotor Contributions to Vocal Emotional Processing	English	Delivered	Iscte
3	Aíssa Mariama Nascimento Baldé	Contributions of Low-level Auditory Processing to Musical Abilities and Speech Perception	Portuguese	Developing	Iscte

4	Rafael Ramos Ribeiro	"Now I've got that feeling once again, I can't explain, you wouldn't understand": Emotional granularity, language, and music	Portuguese	Developing	Universidade Católica Portuguesa
5	Rui Paulo Vasconcelos Ferreira de Sousa	Does Musical Aptitude Predict Musical Achievement in Adolescents?	English	Developing	Iscte
6	Aissa Mariama Nascimento Baldé	Contributions of Low-level Auditory Processing to Musical Abilities and Speech Perception	English	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Ana Isabel Costa Correia	Correlates of music training: Plasticity or predispositions?	English	Iscte	2024
2	Teresa Leonor Araújo Neves	Does music training provide non-musical benefits? Evidence from auditory, linguistic, and socio emotional processing	English	Iscte	2024
3	Helena Sousa Moreira	Assessing Executive Functions and Emotion Recognition Abilities in Mild Cognitive Impairment	English	Universidade do Porto	2021
4	Helena Moreira	Défice cognitivo ligeiro com disfunção executiva: Caracterização neuropsicológica, correlatos estruturais e evolução clínica	English	Iscte	2020

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Lilian Rivera Garcia	Goldsmith Dance Sophistication Index: validação para o contexto português	--	Developing	Iscte
2	Manuel Tomás Martins Gomes	Musical expertise and brain structure: A study with musical sleepers	Portuguese	Developing	Faculdade de Medicina da Universidade do Porto

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Ana Margarida Bastos Moreira Lima	Music and cultural variation in emotion recognition	Portuguese	Iscte	2025

2	Raquel dos Santos Machado	Effects of mindfulness practice on brain morphology: a systematic review of literature	Portuguese	Iscte	2023
3	Estella Lima	Association between music training and components of socioemotional processing in young adults	Portuguese	Ispa	2022
4	Elisabete Sofia Nabais de Oliveira de Freitas e Menezes	The time course of authenticity and valence perception in nonverbal emotional vocalizations	English	Iscte	2022
5	Vera Botelho Moniz Feu Guerreiro	The Impact of an Emotional Granularity Training on the Emotional Regulation in Adolescents	Portuguese	Iscte	2022
6	Rui Mergulhao Mendes	Associations between Vocal Emotion Processing and Trait of Psychopathy, Autism and Alexithymia.	Portuguese	Iscte	2022
7	Alexandre Santos	Exploring associations between musical sophistication and emotion recognition in individuals differing in musical ability	Portuguese	Universidade de Lisboa	2021
8	Ricardo Francisco	Pianos and microphones: Does the type of musical training affect emotion recognition?	Portuguese	Universidade de Lisboa	2021
9	Aissa Mariama Nascimento Baldé	Music and Vocal Emotions	Portuguese	Iscte	2021
10	Duarte Maria Stock da Cunha Santiago Pinto	User Emotional Interaction Processor: A tool to support the development of GUIs through physiological user monitoring	English	Iscte	2021
11	Ana Rita Patinha Pires	Emotional Contagion and Authenticity Detection in Nonverbal Vocalizations: Behavioral and Psychophysiological Study	Portuguese	Iscte	2019
12	Ricardo Jorge Ferrão Vilaverde	Exploring the relationship between trait mindfulness and emotion recognition in faces and voices.	Portuguese	Iscte	2019
13	Ana Isabel Correia	--	English	Universidade do Porto	2016
14	Ana Isabel Correia	Brain structure correlates of emotional speech prosody recognition in children	English	Iscte	2016
15	Teresa Leonor Neves	--	English	Universidade do Porto	2015
16	Ana Carolina Cordeiro	--	Portuguese	Universidade do Porto	2015
17	Ana Pinto Esquível	--	Portuguese	Universidade do Porto	2015

18	Ana Carolina Cordeiro	Diferenças de idade no processamento de vocalizações emocionais	English	Iscte	2015
19	Olivia Brancatisano	Decoding of Emotions In Prosody and Nonverbal Vocalisations in Congenital Amusia	English	Iscte	2015
20	Olivia Helen Brancatisano	--	English	Goldsmiths, University of London	2014
21	Tiago José Alves	--	Portuguese	Universidade do Porto	2013
22	Ana Catarina Monteiro	--	Portuguese	Universidade do Porto	2013
23	Tiago Alves	Aging and vocal emotional processing	English	Iscte	2013
24	Ana Catarina Monteiro	Reconhecimento Emocional em Vocalizações não Verbais: O papel do treino musical, discriminação da altura tonal e deliberação	English	Iscte	2013

Total Citations

Web of Science®	2602
Scopus	2213

Publications

• Scientific Journals

- Scientific journal paper

1	Talamini, F., Grassi, M., Altoè, G., Brattico, E., Caclin, A., Carretti, B....Zappa, A. (2026). Music ensemble: A large dataset on musicianship, cognition, and personality in musicians and nonmusicians. <i>Scientific Data</i> . 13 - Times Cited Google Scholar: 3
2	Baldé, A. M., Schellenberg, E. G. & Lima, C. F. (2026). Musical ability and emotion recognition in speech prosody: The role of pitch discrimination. <i>Psychonomic Bulletin and Review</i> . 33 (3)
3	Talamini, F., Schellenberg, E. G., Grassi, M. & Lima, C. F. (2026). Musical expertise and cognitive abilities: No advantage for professionals over amateurs. <i>Royal Society Open Science</i> . 13 (1) - Times Cited Google Scholar: 1
4	Neves, L., Martins, M., Correia, A. I., Castro, S. L., Schellenberg, E. G. & Lima, C. F. (2025). Does music training improve emotion recognition and cognitive abilities? Longitudinal and correlational evidence from children. <i>Cognition</i> . 259 - Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 11

5	<p>Sayal, A. , Guedes, A. G. , Almeida, I. , Pereira, D. J. , Lima, C. F., Panda, R. ...Direito, B. (2025). Decoding musical valence and arousal: Exploring the neural correlates of music-evoked emotions and the role of expressivity features. <i>IEEE Transactions on Affective Computing</i>. 16 (2), 1247-1259</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 2 - Times Cited Scopus: 3 - Times Cited Google Scholar: 9
6	<p>Grassi, M., Talamini, F., Altoè, G., Brattico, E., Caclin, A., Carretti, B....Zappa, A. (2025). Do musicians have better short-term memory than nonmusicians? A multilab study. <i>Advances in Methods and Practices in Psychological Science</i>. 8 (4)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 5 - Times Cited Scopus: 4 - Times Cited Google Scholar: 7
7	<p>Correia, A. I., Lima, C. F. & Schellenberg, E. G. (2025). Self-awareness of musical ability. <i>Psychology of Aesthetics, Creativity, and the Arts</i>. 19 (6), 1301-1310</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 2
8	<p>Baldé, A. M., Lima, C. F. & Schellenberg, E. G. (2025). Associations between musical expertise and auditory processing. <i>Journal of Experimental Psychology: Human Perception and Performance</i>. 51 (6), 747-763</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 6 - Times Cited Scopus: 5 - Times Cited Google Scholar: 8
9	<p>Sella, E. , Vincenzi, M. , Carbone, E. , Schellenberg, E., Lima, C. F., Toffalini, E. ...Borella, E. (2024). Effects of music listening on cognition and affective state in older adults: A systematic review and meta-analysis. <i>European Psychologist</i>. 29 (3), 199-215</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 2 - Times Cited Scopus: 2
10	<p>Vincenzi, M., Correia, A. I., Vanzella, P., Pinheiro, A. P., Lima, C. F. & Schellenberg, E. G. (2024). Associations between music training and cognitive abilities: The special case of professional musicians. <i>Psychology of Aesthetics, Creativity, and the Arts</i>. 18 (6), 895-903</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 18 - Times Cited Scopus: 14 - Times Cited Google Scholar: 22
11	<p>Vilaverde, R. F., Horchak, O. V., Pinheiro, A. P., Scott, S. K., Korb, S. & Lima, C. F. (2024). Inhibiting orofacial mimicry affects authenticity perception in vocal emotions. <i>Emotion</i>. 24 (6), 1376-1385</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 7 - Times Cited Scopus: 6 - Times Cited Google Scholar: 12
12	<p>Cai, C. Q., Mueller, M. A. E., Lima, C. F., Jin, G., Turek, A., Sivasathiseelan, H....Scott, S. K. (2024). Development of a novel tool to investigate human laughter behaviour and experience. <i>Neuroscience Letters</i>. 825</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 2 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
13	<p>Sarzedas, J. , Lima, C. F., Roberto, M. S., Scott, S. K., Pinheiro, A. & Conde, T. (2024). Blindness influences emotional authenticity perception in voices: Behavioral and ERP evidence. <i>Cortex</i>. 172, 254-270</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 5 - Times Cited Scopus: 6 - Times Cited Google Scholar: 9

14	<p>Schellenberg, E. & Lima, C. F. (2024). Music training and nonmusical abilities. <i>Annual Review of Psychology</i>. 75, 87-128</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 55 - Times Cited Scopus: 44 - Times Cited Google Scholar: 138
15	<p>Schellenberg, E. G., Correia, A. I. & Lima, C. F. (2023). Is musical expertise associated with self-reported foreign-language ability?. <i>Journal of Experimental Psychology: Human Perception and Performance</i>. 49 (7), 1083-1089</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 9 - Times Cited Scopus: 10 - Times Cited Google Scholar: 11
16	<p>Correia, A. I., Vincenzi, M., Vanzella, P., Pinheiro, A. , Schellenberg, E. G. & Lima, C. F. (2023). Individual differences in musical ability among adults with no music training. <i>Quarterly Journal of Experimental Psychology</i>. 76 (7), 1585-1598</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 30 - Times Cited Scopus: 25 - Times Cited Google Scholar: 49
17	<p>Vincenzi, M. , Borella, E. , Sella, E. , Lima, C. F., De Beni, R. & Schellenberg, E. (2022). Music listening, emotion, and cognition in older adults. <i>Brain Sciences</i> . 12 (11)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 14 - Times Cited Scopus: 10 - Times Cited Google Scholar: 22
18	<p>Neves, L., Correia, A. I., Castro, S. L., Martins, D. & Lima, C. F. (2022). Does music training enhance auditory and linguistic processing? A systematic review and meta-analysis of behavioral and brain evidence. <i>Neuroscience and Biobehavioral Reviews</i>. 140</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 60 - Times Cited Scopus: 55 - Times Cited Google Scholar: 99
19	<p>Martins, I., Lima, C. F. & Pinheiro, A. P. (2022). Enhanced salience of musical sounds in singers and instrumentalists. <i>Cognitive, Affective, and Behavioral Neuroscience</i>. 22 (5), 1044-1062</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 11 - Times Cited Scopus: 9 - Times Cited Google Scholar: 13
20	<p>Conde, T., Correia, A. I., Roberto, M. S., Scott, S. K., Lima, C. F. & Pinheiro, A. (2022). The time course of emotional authenticity detection in nonverbal vocalizations. <i>Cortex</i>. 151, 116-132</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 12 - Times Cited Scopus: 7 - Times Cited Google Scholar: 13
21	<p>Correia, A. I., Vincenzi, M., Vanzella, P., Pinheiro, A. , Lima, C. F. & Schellenberg, E. (2022). Can musical ability be tested online?. <i>Behavior Research Methods</i>. 54 (2), 955-969</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 31 - Times Cited Scopus: 25 - Times Cited Google Scholar: 45
22	<p>Correia, A. I., Castro, S. L., MacGregor, C., Müllensiefen, D., Schellenberg, E. G. & Lima, C. F. (2022). Enhanced recognition of vocal emotions in individuals with naturally good musical abilities. <i>Emotion</i>. 22 (5), 894-906</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 49 - Times Cited Scopus: 43 - Times Cited Google Scholar: 74

23	<p>Cosme, G., Tavares, V. , Nobre, G., Lima, C. F., Sá, R., Rosa, P. J....Prata, D. (2022). Cultural differences in vocal emotion recognition: a behavioural and skin conductance study in Portugal and Guinea-Bissau. <i>Psychological Research</i>. 86, 597-616</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 10 - Times Cited Scopus: 8 - Times Cited Google Scholar: 22
24	<p>Moreira, H. S., Costa, A. S. , Machado, Á, Castro, S. L., Vicente, S. G. & Lima, C. F. (2022). Impaired recognition of facial and vocal emotions in mild cognitive impairment. <i>Journal of the International Neuropsychological Society</i>. 28 (1), 48-61</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 10 - Times Cited Scopus: 8 - Times Cited Google Scholar: 13
25	<p>Alderson-Day, B., Moffatt, J., Lima, C. F., Krishnan, S., Fernyhough, C., Scott, S. K....Samuel Evans (2022). Susceptibility to auditory hallucinations is associated with spontaneous but not directed modulation of top-down expectations for speech. <i>Neuroscience of Consciousness</i>. 22 (1)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 8 - Times Cited Scopus: 8 - Times Cited Google Scholar: 19
26	<p>Neves, L., Martins, M., Correia, A. I., Castro, S. L. & Lima, C. F. (2021). Associations between vocal emotion recognition and socio-emotional adjustment in children. <i>Royal Society Open Science</i>. 8 (11)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 22 - Times Cited Scopus: 18 - Times Cited Google Scholar: 31
27	<p>Martins, M., Pinheiro, A. P. & Lima, C. F. (2021). Does music training improve emotion recognition abilities? A critical review. <i>Emotion Review</i>. 13 (3), 199-210</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 33 - Times Cited Scopus: 28 - Times Cited Google Scholar: 63
28	<p>Pinheiro, A. , Anikin, A., Conde, T., Sarzedas, J., Chen, S., Scott, S. K....Lima, C. F. (2021). Emotional authenticity modulates affective and social trait inferences from voices. <i>Philosophical Transactions of the Royal Society B-Biological Sciences</i>. 376 (1840)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 23 - Times Cited Scopus: 17 - Times Cited Google Scholar: 28
29	<p>Amorim, M., Anikin, A., Mendes, A. J., Lima, C. F., Kotz, S. A. & Pinheiro, A. (2021). Changes in vocal emotion recognition across the life span. <i>Emotion</i>. 21 (2), 315-325</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 65 - Times Cited Scopus: 58 - Times Cited Google Scholar: 85
30	<p>Lima, C. F., Arriaga, P., Anikin, A., Pires, A. R., Frade, S., Neves, L....Scott, S. K. (2021). Authentic and posed emotional vocalizations trigger distinct facial responses. <i>Cortex</i>. 141, 280-292</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 23 - Times Cited Scopus: 17 - Times Cited Google Scholar: 31
31	<p>Cosme, G., Rosa, P. J., Lima, C. F., Tavares, V. , Scott, S. K. , Chen, S....Prata, D. (2021). Pupil dilation reflects the authenticity of received nonverbal vocalizations. <i>Scientific Reports</i>. 11</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 19 - Times Cited Scopus: 16 - Times Cited Google Scholar: 37

32	<p>Vilaverde, R. F., Correia, A. I. & Lima, C. F. (2020). Higher trait mindfulness is associated with empathy but not with emotion recognition abilities. <i>Royal Society Open Science</i>. 7 (8)</p> <p>- Times Cited Web of Science®: 20 - Times Cited Scopus: 13 - Times Cited Google Scholar: 25</p>
33	<p>Lima, C. F., Correia, A. I., Müllensiefen, D. & Castro, S. L. (2020). Goldsmiths Musical Sophistication Index (Gold-MSI): Portuguese version and associations with socio-demographic factors, personality and music preferences. <i>Psychology of Music</i>. 48 (3), 376-388</p> <p>- Times Cited Web of Science®: 46 - Times Cited Scopus: 35 - Times Cited Google Scholar: 74</p>
34	<p>Lima, C. F., Anikin, A., Monteiro, A. C., Scott, S. K. & Castro, S. L. (2019). Automaticity in the recognition of nonverbal emotional vocalizations. <i>Emotion</i>. 19 (2), 219-233</p> <p>- Times Cited Web of Science®: 44 - Times Cited Scopus: 36 - Times Cited Google Scholar: 56</p>
35	<p>Correia, A. I., Branco, P., Martins, M., Reis, A. M., Martins, N., Castro, S....Lima, C. F. (2019). Resting-state connectivity reveals a role for sensorimotor systems in vocal emotional processing in children. <i>NeuroImage</i>. 201</p> <p>- Times Cited Web of Science®: 21 - Times Cited Scopus: 18 - Times Cited Google Scholar: 25</p>
36	<p>Moreira, H. S., Costa, A. S. , Machado, Á, Castro, S. L. , Lima, C. F. & Vicente, S. G. (2019). Distinguishing mild cognitive impairment from healthy aging and alzheimer's disease: the contribution of the INECO Frontal Screening (IFS). <i>PLoS One</i>. 14 (9)</p> <p>- Times Cited Web of Science®: 22 - Times Cited Scopus: 18 - Times Cited Google Scholar: 40</p>
37	<p>Pinheiro, A. , Lima, D., Albuquerque, P. B., Anikin, A. & Lima, C. F. (2019). Spatial location and emotion modulate voice perception. <i>Cognition and Emotion</i>. 33 (8), 1577-1586</p> <p>- Times Cited Web of Science®: 10 - Times Cited Scopus: 8 - Times Cited Google Scholar: 12</p>
38	<p>Neves, L., Cordeiro, C., Scott, S. K., Castro, S. L. & Lima, C. F. (2018). High emotional contagion and empathy are associated with enhanced detection of emotional authenticity in laughter. <i>Quarterly Journal of Experimental Psychology</i>. 71 (11), 2355-2363</p> <p>- Times Cited Web of Science®: 60 - Times Cited Scopus: 44 - Times Cited Google Scholar: 95</p>
39	<p>Krishnan, S., Lima, C. F., Evans, S., Chen, S., Guldner, S., Yeff, H....Scott, S. K. (2018). Beatboxers and guitarists engage sensorimotor regions selectively when listening to the instruments they can play. <i>Cerebral Cortex</i>. 28 (11), 4063-4079</p> <p>- Times Cited Web of Science®: 31 - Times Cited Scopus: 23 - Times Cited Google Scholar: 41</p>

40	<p>Nunes, A. , Limpo, T. , Lima, C. F. & Castro, S. L. (2018). Short scales for the assessment of personality traits: development and validation of the Portuguese Ten-Item Personality Inventory (TIPI). <i>Frontiers in Psychology</i>. 9</p> <p>- Times Cited Web of Science®: 118 - Times Cited Scopus: 89 - Times Cited Google Scholar: 172</p>
41	<p>Anikin, A. & Lima, C. F. (2018). Perceptual and acoustic differences between authentic and acted nonverbal emotional vocalizations. <i>Quarterly Journal of Experimental Psychology</i>. 71 (3), 622-641</p> <p>- Times Cited Web of Science®: 77 - Times Cited Scopus: 71 - Times Cited Google Scholar: 114</p>
42	<p>O'Nions, E., Lima, C. F., Scott, S. K., Roberts, R., McCrory, E. J. & Viding, E. (2017). Reduced laughter contagion in boys at risk for psychopathy. <i>Current Biology</i>. 27 (19), 3049-3055</p> <p>- Times Cited Web of Science®: 54 - Times Cited Scopus: 45 - Times Cited Google Scholar: 88</p>
43	<p>Moreira, H. S., Costa, A. S., Castro, S. L., Lima, C. F. & Vicente, S. G. (2017). Assessing executive dysfunction in neurodegenerative disorders: a critical review of brief neuropsychological tools. <i>Frontiers in Aging Neuroscience</i>. 9</p> <p>- Times Cited Web of Science®: 43 - Times Cited Scopus: 35 - Times Cited Google Scholar: 54</p>
44	<p>Alderson-Day, B., Lima, C. F., Evans, S., Krishnan, S., Shanmugalingam, P., Fernyhough, C....Scott, S. K. (2017). Distinct processing of ambiguous speech in people with non-clinical auditory verbal hallucinations. <i>Brain</i>. 140 (9), 2475-2489</p> <p>- Times Cited Web of Science®: 90 - Times Cited Scopus: 86 - Times Cited Google Scholar: 133</p>
45	<p>Lima, C. F., Krishnan, S. & Scott, S. K. (2016). Roles of supplementary motor areas in auditory processing and auditory imagery. <i>Trends in Neurosciences</i>. 39 (8), 527-542</p> <p>- Times Cited Web of Science®: 204 - Times Cited Scopus: 191 - Times Cited Google Scholar: 287</p>
46	<p>Lima, C. F., Brancatisano, O., Fancourt, A., Müllensiefen, D., Scott, S. K., Warren, J. D....Stewart, L. (2016). Impaired socio-emotional processing in a developmental music disorder. <i>Scientific Reports</i>. 6</p> <p>- Times Cited Web of Science®: 44 - Times Cited Scopus: 40 - Times Cited Google Scholar: 63</p>
47	<p>Lima, C. F., Lavan, N., Evan, S., Agnew, Z., Halpern, A. R., Shanmugalingam, P....Scott, S. K. (2015). Feel the noise: relating individual differences in auditory imagery to the structure and function of sensorimotor systems. <i>Cerebral Cortex</i>. 25 (11), 4638-4650</p> <p>- Times Cited Web of Science®: 75 - Times Cited Scopus: 66 - Times Cited Google Scholar: 103</p>

48	<p>Lavan, N., Lima, C. F., Harvey, H., Scott, S. K. & McGettigan, C. (2015). I thought that I heard you laughing: contextual facial expressions modulate the perception of authentic laughter and crying. <i>Cognition and Emotion</i>. 29 (5), 935-944</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 30 - Times Cited Scopus: 24 - Times Cited Google Scholar: 34
49	<p>Boebinger, D., Evans, S., Rosen, S., Lima, C. F., Manly, T. & Scott, S. K. (2015). Musicians and non-musicians are equally adept at perceiving masked speech. <i>Journal of the Acoustical Society of America</i>. 137 (1), 378-387</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 144 - Times Cited Scopus: 134 - Times Cited Google Scholar: 203
50	<p>Moreira, H. S., Lima, C. F. & Vicente, S. G. (2014). Examining executive dysfunction with the Institute of Cognitive Neurology (INECO) Frontal Screening (IFS): normative values from a healthy sample and clinical utility in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i>. 42 (1), 261-273</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 46 - Times Cited Scopus: 33
51	<p>Lima, C. F., Alves, T., Scott, S. K. & Castro, S. L. (2014). In the ear of the beholder: how age shapes emotion processing in nonverbal vocalizations. <i>Emotion</i>. 14 (1), 145-160</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 79 - Times Cited Scopus: 68 - Times Cited Google Scholar: 115
52	<p>Castro, S. L. & Lima, C. F. (2014). Age and musical expertise influence emotion recognition in music. <i>Music Perception</i>. 32 (2), 125-142</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 59 - Times Cited Scopus: 54 - Times Cited Google Scholar: 102
53	<p>Lima, C. F., Castro, S. L. & Scott, S. K. (2013). When voices get emotional: a corpus of nonverbal vocalizations for research on emotion processing. <i>Behavior Research Methods</i>. 45 (4), 1234-1245</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 137 - Times Cited Scopus: 116 - Times Cited Google Scholar: 187
54	<p>Lima, C. F., Garrett, C. & Castro, S. L. (2013). Not all sounds sound the same: Parkinson's disease affects differently emotion processing in music and in speech prosody. <i>Journal of Clinical and Experimental Neuropsychology</i>. 35 (4), 373-392</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 48 - Times Cited Scopus: 50 - Times Cited Google Scholar: 80
55	<p>Lima, C. F. & Castro, S. L. (2011). Speaking to the trained ear: musical expertise enhances the recognition of emotions in speech prosody. <i>Emotion</i>. 11 (5), 1021-1031</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 158 - Times Cited Scopus: 130 - Times Cited Google Scholar: 268
56	<p>Lima, C. F. & Castro, S. L. (2011). Emotion recognition in music changes across the adult life span. <i>Cognition and Emotion</i>. 25 (4), 585-598</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 66 - Times Cited Scopus: 49 - Times Cited Google Scholar: 131

57	<p>Castro, S. L. & Lima, C. F. (2010). Recognizing emotions in spoken language: a validated set of Portuguese sentences and pseudosentences for research on emotional prosody. <i>Behavior Research Methods</i>. 42 (1), 74-81</p> <p>- Times Cited Web of Science®: 88 - Times Cited Scopus: 65 - Times Cited Google Scholar: 134</p>
58	<p>Lima, C. F. & Castro, S. L. (2010). Reading strategies in orthographies of intermediate depth are flexible: modulation of length effects in Portuguese. <i>European Journal of Cognitive Psychology</i>. 22 (2), 190-215</p> <p>- Times Cited Web of Science®: 29 - Times Cited Scopus: 21 - Times Cited Google Scholar: 35</p>
59	<p>Lima, C. F., Meireles, L. P., Fonseca, R., Castro, S. L. & Garrett, C. (2008). The Frontal Assessment Battery (FAB) in Parkinson's disease and correlations with formal measures of executive functioning. <i>Journal of Neurology</i>. 255 (11), 1756-1761</p> <p>- Times Cited Web of Science®: 162 - Times Cited Scopus: 136 - Times Cited Google Scholar: 265</p>

- Review article

1	<p>Jasmin, K., Lima, C. F. & Scott, S. (2019). Understanding rostral-caudal auditory cortex contributions to auditory perception. <i>Nature Reviews Neuroscience</i>. 20, 425-434</p> <p>- Times Cited Web of Science®: 48 - Times Cited Scopus: 52 - Times Cited Google Scholar: 76</p>
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• Conferences/Workshops and Talks

- Talk

1	<p>Balde, A. M., Lima, C. F. & Schellenberg, E. G. (2024). Contributions of low-level auditory processing to musical abilities. XIX PhD Meeting in Psychology - Imagining the (im)possible: the role of psychology in linking past, present and future challenges.</p>
2	<p>Balde, A. M., Lima, C. F. & Schellenberg, E. G. (2024). Contributions of low-level auditory processing to musical abilities. 3rd International Conference Psychology and Music - Interdisciplinary Encounters.</p>
3	<p>Neves, L., Martins, M., Correia, A. I., Martins, D., Draganski, B., Castro, S. L....Lima, C. F. (2023). Does music training provide non-musical benefits? Evidence from auditory, linguistic, and socio-emotional processing . 23° CONFERENCE OF THE EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY.</p>
4	<p>Correia, A. I., Lima, C. F. & Schellenberg, E. (2023). Musical Expertise and Foreign-Language Ability: Is there a link?. XVIII PhD Meeting in Psychology.</p>
5	<p>Neves, L., Martins, M., Correia, A. I., Castro, S. L. & Lima, C. F. (2023). Music Training Produces Near but not Far Transfer of Learning in School-age Children. 20th EARLI CONFERENCE (EARLI 2023).</p>
6	<p>Lima, C. F. (2022). Musical experience and the ability to read others' emotions. Seminários de Neurociências da Faculdade de Ciências, Universidade de Lisboa.</p>

7	Correia, A. I., Vincenzi, M., Vanzella, P., Pinheiro, A. P., Lima, C. F. & Schellenberg, E. G. (2022). Professional Musicians Have Distinct Personalities But Average Cognitive Ability . XVII PhD Meeting in Psychology - Into the unknown: Psychology in the making.
8	Neves, L., Martins, M., Correia, A. I., Castro, S. L. & Lima, C. F. (2022). Near- and far-transfer effects of music training: a longitudinal study with children. XVII PhD Meeting.
9	Lima, C. F. (2022). Are musicians better able to read others' emotions? Evidence from cross-sectional and longitudinal studies. Research Seminars in Psychology and Cognitive Neuroscience, University of Jena .
10	Lima, C. F. (2022). Do facial responses contribute to the processing of authenticity in auditory emotions?. 6th Bi-annual Meeting of the European Society for Cognitive and Affective Neuroscience (ESCAN).
11	Lima, C. F. (2022). Como reconhecemos emoções nos outros? Contributos da neurociência da comunicação vocal. Jornadas de Psicologia da Universidade Lusófona.
12	Lima, C. F. (2022). Does music training enhance vocal emotional processing?. Cognitive Brain Research Unit Seminar Series, University of Helsinki .
13	Lima, C. F., Arriaga, P., Andrey Anikin, Ana Rita Pires, Frade, S., Neves, L....Scott, S. K. (2021). Facial responses during perception predict authenticity evaluations of laughter . Experimental Psychology Society Online Meeting.
14	Balde, A. M. & Lima, C. F. (2021). Associations between musical expertise and the time course of vocal emotion recognition. IC CIPEM 2021– Perspetivas em Psicologia da Música e Educação Musical.
15	Correia, A. I., Vincenzi, M., Vanzella, P., Pinheiro, A. P., Lima, C. F. & Schellenberg, E. (2021). Can musical ability be tested online?. XVI PhD Meeting in Psychology - A Whole New World: Implications for Psychology.
16	Lima, C. F., Correia, A. I., Ana P. Pinheiro, Castro, S. L., Chloe MacGregor, Daniel Müllensiefen...Schellenberg, E. (2021). Improved vocal emotion recognition in individuals with naturally good musical abilities . European Society for Cognitive and Affective Neuroscience (ESCAN) meeting.
17	Correia, A. I., Castro, S. L., MacGregor, C., Müllensiefen, D., Schellenberg, E. & Lima, C. F. (2021). Improved decoding of vocal emotions in individuals with naturally higher music skills. The Neurosciences and Music VII - Connecting with music across the lifespan.
18	Correia, A. I., Vincenzi, M., Vanzella, P., Pinheiro, A. P., Schellenberg, E. G. & Lima, C. F. (2021). Individual differences in musical ability among adults with no music training. 16th International Conference on Music Perception and Cognition - 11th Triennial Conference of ESCOM.
19	Correia, A. I., Vincenzi, M., Vanzella, P., Pinheiro, A. P., Schellenberg, E. G. & Lima, C. F. (2021). Individual differences in musical expertise: what does online testing tell us?. International Conference of CIPEM 2021.
20	Neves, L., Martins, M., Correia, A. I., Castro, S. L. & Lima, C. F. (2021). Associations Between Vocal Emotion Recognition and Socio-emotional Adjustment in Children. XVI PhD Meeting in Psychology - A Whole New World: Implications for Psychology.
21	Neves, L., Martins, M., Correia, A. I., Castro, S. L. & Lima, C. F. (2021). Does music training improve socio-emotional abilities? A longitudinal study with children. International Conference IC CIPEM 2021.

22	Correia, A. I., Branco, P. , Martins, M., Reis, A.M., Martins, N. , Castro, S. L....Lima, C. F. (2019). Resting-state functional connectivity predicts children’s ability to recognize vocal emotions. XV Phd Meeting in Psychology - Psychology and Well-being.
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• Other Publications

- Other publications

1	Lima, C. F. & Schellenberg, E. G. (2025). Emotional responses to musical mode: Do auditory and musical abilities play a role? Comment on “The major-minor mode dichotomy in music perception” by Carraturo et al. <i>Physics of Life Reviews</i> . 53, 128-130
2	Vilaverde, R.F., Sebastian Korb, Ana P. Pinheiro, Horchak, O.V. & Lima, C. F. (2024). Inhibiting Mimicry Disrupts Emotional Authenticity Perception in Voices. ESCOP 2023 - 23° Conference of The European Society For Cognitive Psychology. - Times Cited Google Scholar: 21
3	Meekings, S., Boebinger, D., Evans, S., Lima, C. F., Chen, S., Ostarek, M....Scott, S. K. (2015). Do we know what we’re saying? The roles of attention and sensory information during speech production. <i>Psychological Science</i> . 26 (12), 1975-1977 - Times Cited Web of Science®: 7 - Times Cited Scopus: 6 - Times Cited Google Scholar: 11
4	Lavan, N. & Lima, C. F. (2014). Neurocognitive mechanisms for vocal emotions: sounds, meaning, action. <i>Journal of Neuroscience</i> . 34 (39), 12950-12952 - Times Cited Web of Science®: 6 - Times Cited Scopus: 4 - Times Cited Google Scholar: 7

Research Projects			
Project Title	Role in Project	Partners	Period
Can Training in Musical Rhythm Improve Children’s Reading and Writing Skills?	Researcher	CIS-Iscte (BEC) - Leader, AEIP - (Portugal), CPUP - (Portugal)	2025 - 2028
Evaluating Musical Rhythm Predisposition and Training in Shaping Children's Reading and Writing Skills	Researcher	CIS-Iscte (BEC) - Leader, CPUP - (Portugal), AEIP - (Portugal), Unilabs Boavista - (Portugal)	2025 - 2028
Music for the development of social skills: The impact of music training on socio-emocional processing	Principal Researcher	CIS-Iscte (BEC) - Leader	2019 - 2022

Exploratorio CALima_IF/00172/2015	Principal Researcher	CIS-Iscte	2017 - 2021
Investigador FCT_ArmandoCesarLima	Principal Researcher	CIS-Iscte	2017 - 2021

Academic Management Positions

Director (2025 - 2028)
Unit/Area: [B406] Psychology

Membro (Docente) (2023 - 2025)
Unit/Area: Comissão Científica

Director (2023 - 2024)
Unit/Area: [0218] Science on Emotions

Coordenador do 2º Ano (2022 - 2023)
Unit/Area: [0218] Science on Emotions

Coordenador do 1º Ano (2022 - 2023)
Unit/Area: [0218] Science on Emotions

Director (2021 - 2023)
Unit/Area: [0218] Science on Emotions

Coordenador do 2º Ano (2021 - 2022)
Unit/Area: [0218] Science on Emotions

Coordenador do 1º Ano (2021 - 2022)
Unit/Area: [0218] Science on Emotions

Membro (Docente) (2021 - 2023)
Unit/Area: Comissão Científica

Coordenador do 2º Ano (2020 - 2021)
Unit/Area: Bachelor Degree in Psychology

Coordenador (2020 - 2022)
Unit/Area: Department of Social and Organizational Psychology

Membro (Docente) (2019 - 2021)
Unit/Area: Plenário da Comissão Científica

Membro (Docente) (2019 - 2021)
Unit/Area: Comissão Científica

Director (2018 - 2019)
Unit/Area: [0218] Science on Emotions

Coordenador do 2º Ano (2018 - 2019)
Unit/Area: Bachelor Degree in Psychology

Coordenador (2018 - 2020)
Unit/Area: Department of Social and Organizational Psychology

Awards

Best Poster Award, XV PhD Meeting in Psychology (Ana Isabel Correia) (2019)

Best Poster Award, III International Symposium of Neuropsychology and Rehabilitation (Helena Moreira) (2015)
Best Poster Award, Active Ageing Conference 2013 (Helena Moreira) (2013)
Guarantors of Brain Travel Grant (2013)
NIMH 2012 Summer Institute in Cognitive Neuroscience Fellow (2012)
Fundação Engenheiro António de Almeida Prize for high academic achievement (2008)

Professional Associations

Organization for the Human Brain Mapping (Since 2018)
Cognitive Neuroscience Society (Since 2015)
Society for Neuroscience (Since 2013)
Society for the Neurobiology of Language (Since 2013)
Associação Portuguesa de Psicologia Experimental (Since 2012)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event's organizing committee	Member of the Organisation Committee, 12th Meeting of the Portuguese Association for Experimental Psychology		2017

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Member of scientific journal editing staff	Royal Society Open Science		Since 2019	English
Member of scientific journal editing staff	Scientific Reports	--	Since 2017	English