

Gianluca Esposito

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11621282/publications.pdf>

Version: 2024-02-01

140
papers

3,154
citations

172207

29
h-index

205818

48
g-index

144
all docs

144
docs citations

144
times ranked

2969
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature in virtual reality improves mood and reduces stress: evidence from young adults and senior citizens. <i>Virtual Reality</i> , 2023, 27, 3285-3300.	4.1	32
2	A neurocognitive investigation of test methods and gender effects in listening assessment. <i>Computer Assisted Language Learning</i> , 2022, 35, 743-763.	4.8	15
3	The Interaction between Serotonin Transporter Allelic Variation and Maternal Care Modulates Instagram Sociability in a Sample of Singaporean Users. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5348.	1.2	1
4	The Nature and Structure of Mothers' Parenting Their Infants. <i>Parenting</i> , 2022, 22, 83-127.	1.0	2
5	The Interaction Effect of Parental Rejection and Oxytocin Receptor Gene Polymorphism on Depression: A Cross-Cultural Study in Non-Clinical Samples. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5566.	1.2	3
6	Asymmetric Prefrontal Cortex Activation Associated with Mutual Gaze of Mothers and Children during Shared Play. <i>Symmetry</i> , 2022, 14, 998.	1.1	4
7	Mental Health of Mothers of Children with Neurodevelopmental and Genetic Disorders in Pakistan. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 161.	1.0	1
8	Stronger brain activation for own baby but similar activation toward babies of own and different ethnicities in parents living in a multicultural environment. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
9	Gross Motor Skills. , 2021, , 2277-2281.		0
10	Mind the dad—A review on the biopsychosocial influences of drug abuse on father-infant interaction. <i>Emerging Trends in Drugs, Addictions, and Health</i> , 2021, 1, 100015.	0.5	0
11	The Associations between Imageability of Positive and Negative Valence Words and Fear Reactivity. <i>Psychiatry International</i> , 2021, 2, 32-47.	0.5	0
12	An Analysis of the Generalizability and Stability of the Halo Effect During the COVID-19 Pandemic Outbreak. <i>Frontiers in Psychology</i> , 2021, 12, 631871.	1.1	9
13	Predicting mother and child emotional availability in Singaporean bilingual English and Mandarin dyads: A multilevel approach to the specificity principle. <i>Journal of Applied Developmental Psychology</i> , 2021, 73, 101241.	0.8	2
14	Deep Neural Networks and Transfer Learning on a Multivariate Physiological Signal Dataset. <i>Bioengineering</i> , 2021, 8, 35.	1.6	16
15	A Scientometric Approach to Review the Role of the Medial Preoptic Area (MPOA) in Parental Behavior. <i>Brain Sciences</i> , 2021, 11, 393.	1.1	21
16	The Role of the Family Network When Raising a Child with a Disability in Low- and Middle-Income Countries. <i>Disabilities</i> , 2021, 1, 58-68.	0.5	4
17	Virtual reality and naturalistic developmental behavioral interventions for children with autism spectrum disorder. <i>Research in Developmental Disabilities</i> , 2021, 111, 103885.	1.2	19
18	Recalled Parental Bonding Interacts with Oxytocin Receptor Gene Polymorphism in Modulating Anxiety and Avoidance in Adult Relationships. <i>Brain Sciences</i> , 2021, 11, 496.	1.1	6

#	ARTICLE	IF	CITATIONS
19	The Recognition of Cross-Cultural Emotional Faces Is Affected by Intensity and Ethnicity in a Japanese Sample. Behavioral Sciences (Basel, Switzerland), 2021, 11, 59.	1.0	8
20	An fNIRS Investigation of Masculinity, Femininity, and Sex on Nonparents'™ Empathic Response to Infant Cries. Brain Sciences, 2021, 11, 635.	1.1	2
21	Hacking Trust: The Presence of Faces on Automated Teller Machines (ATMs) Affects Trustworthiness. Behavioral Sciences (Basel, Switzerland), 2021, 11, 91.	1.0	4
22	Modulation of Instagram Number of Followings by Avoidance in Close Relationships in Young Adults under a Gene x Environment Perspective. International Journal of Environmental Research and Public Health, 2021, 18, 7547.	1.2	2
23	OXTR moderates adverse childhood experiences on depressive symptoms among incarcerated males. Journal of Psychiatric Research, 2021, 140, 221-227.	1.5	10
24	Influences of Social Distancing and attachment styles on the strength of the Halo Effect. PLoS ONE, 2021, 16, e0256364.	1.1	4
25	Serotonin Transporter Gene Polymorphisms and Maternal Overprotection Regulate Adult Social Expectations on Close Relationships. Brain Sciences, 2021, 11, 1123.	1.1	3
26	Parental involvement in developmental disabilities across cultures. Research in Developmental Disabilities, 2021, 116, 104023.	1.2	1
27	The relation between oxytocin receptor gene polymorphisms, adult attachment and Instagram sociability: An exploratory analysis. Heliyon, 2021, 7, e07894.	1.4	8
28	Vertical greenery buffers against stress: Evidence from psychophysiological responses in virtual reality. Landscape and Urban Planning, 2021, 213, 104127.	3.4	29
29	Developmental disabilities across the world: A scientometric review from 1936 to 2020. Research in Developmental Disabilities, 2021, 117, 104031.	1.2	20
30	Bio-culturally grounded: why separation and connection may not be the same around the world. Behavioral and Brain Sciences, 2021, 44, e14.	0.4	0
31	Computational Methods for the Assessment of Empathic Synchrony. Smart Innovation, Systems and Technologies, 2021, , 555-564.	0.5	9
32	fNIRS-QC: Crowd-Sourced Creation of a Dataset and Machine Learning Model for fNIRS Quality Control. Applied Sciences (Switzerland), 2021, 11, 9531.	1.3	5
33	mics-library: A Python package for reproducible studies on the Multiple Indicator Cluster Survey. SoftwareX, 2021, 16, 100828.	1.2	0
34	Technological advancements in the assessment and intervention of developmental disabilities. Research in Developmental Disabilities, 2021, 119, 104088.	1.2	0
35	Reduced Perceived Trustworthiness during Face Mask Wearing. European Journal of Investigation in Health, Psychology and Education, 2021, 11, 1474-1484.	1.1	6
36	Improving the Efficacy of Deep-Learning Models for Heart Beat Detection on Heterogeneous Datasets. Bioengineering, 2021, 8, 193.	1.6	4

#	ARTICLE	IF	CITATIONS
37	Children's Online Collaborative Storytelling during 2020 COVID-19 Home Confinement. European Journal of Investigation in Health, Psychology and Education, 2021, 11, 1619-1634.	1.1	3
38	Microgenesis of typical storytelling. Early Child Development and Care, 2020, 190, 1991-2001.	0.7	6
39	Infant communicative signals elicit differential brain dynamics in fathers and non-fathers. Early Child Development and Care, 2020, 190, 549-557.	0.7	1
40	Infant behaviors and maternal parenting practices: Short-term reliability assessments. , 2020, 58, 101408.		1
41	A decade of infant neuroimaging research: What have we learned and where are we going?. , 2020, 58, 101389.		46
42	Oxytocin Receptor Gene Polymorphisms and Early Parental Bonding Interact in Shaping Instagram Social Behavior. International Journal of Environmental Research and Public Health, 2020, 17, 7232.	1.2	20
43	Men's and women's views on acceptability of husband-to-wife violence and use of corporal punishment with children in 21 low- and middle-income countries. Child Abuse and Neglect, 2020, 108, 104692.	1.3	16
44	Children with Developmental Disabilities in Low- and Middle-Income Countries: More Neglected and Physically Punished. International Journal of Environmental Research and Public Health, 2020, 17, 7009.	1.2	10
45	Where Sounds Occur Matters: Context Effects Influence Processing of Salient Vocalisations. Brain Sciences, 2020, 10, 429.	1.1	4
46	Child disability and caregiving in low and middle income countries: Big data approach on open data. Research in Developmental Disabilities, 2020, 107, 103795.	1.2	10
47	Comparison of Wearable and Clinical Devices for Acquisition of Peripheral Nervous System Signals. Sensors, 2020, 20, 6778.	2.1	16
48	Autonomic Activity and Surgical Flow Disruptions in Healthcare Providers during Cardiac Surgery. , 2020, 2020, .		1
49	A Scientometric Review of Alexithymia: Mapping Thematic and Disciplinary Shifts in Half a Century of Research. Frontiers in Psychiatry, 2020, 11, 611489.	1.3	19
50	A Machine Learning Approach for the Automatic Estimation of Fixation-Time Data Signals's Quality. Sensors, 2020, 20, 6775.	2.1	7
51	Cross-Cultural Perspectives on Parent-Infant Interactions. , 2020, , 805-832.		3
52	Physical presence of spouse enhances brain-to-brain synchrony in co-parenting couples. Scientific Reports, 2020, 10, 7569.	1.6	35
53	Brain Responses to Emotional Infant Faces in New Mothers and Nulliparous Women. Scientific Reports, 2020, 10, 9560.	1.6	15
54	Stabilities of infant behaviors and maternal responses to them. Infancy, 2020, 25, 226-245.	0.9	11

#	ARTICLE	IF	CITATIONS
55	Parents'™ Past Bonding Experience with Their Parents Interacts with Current Parenting Stress to Influence the Quality of Interaction with Their Child. Behavioral Sciences (Basel, Switzerland), 2020, 10, 114.	1.0	13
56	Strangers, Friends, and Lovers Show Different Physiological Synchrony in Different Emotional States. Behavioral Sciences (Basel, Switzerland), 2020, 10, 11.	1.0	40
57	Assessing Mothers'™ Postpartum Depression From Their Infants'™ Cry Vocalizations. Behavioral Sciences (Basel, Switzerland), 2020, 10, 55.	1.0	5
58	Experimental manipulation of maternal proximity during short sequences of sleep and infant calming response. , 2020, 59, 101426.		11
59	Story contents and intensity of the anxious symptomatology in children and adolescents with Autism Spectrum Disorder. International Journal of Adolescence and Youth, 2020, 25, 725-740.	0.9	8
60	Brief Exposure to Infants Activates Social and Intergroup Vigilance. Behavioral Sciences (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.0	4
61	Social Media Usage and Development of Psychiatric Disorders in Childhood and Adolescence: A Review. Frontiers in Psychiatry, 2020, 11, 508595.	1.3	57
62	PySiology: A Python Package for Physiological Feature Extraction. Smart Innovation, Systems and Technologies, 2020, , 395-402.	0.5	11
63	Oxytocin receptor gene and parental bonding modulate prefrontal responses to cries: a NIRS Study. Scientific Reports, 2020, 10, 8588.	1.6	13
64	Feasibility of Healthcare Providers'™ Autonomic Activation Recognition in Real-Life Cardiac Surgery Using Noninvasive Sensors. Communications in Computer and Information Science, 2020, 1293, 402-408.	0.4	1
65	Adults'™ Implicit Reactions to Typical and Atypical Infant Cues. Smart Innovation, Systems and Technologies, 2019, , 35-43.	0.5	1
66	Using maternal rescue of pups in a cup to investigate mother-infant interactions in mice/rodents. Behavioural Brain Research, 2019, 374, 112081.	1.2	1
67	pyphysio: A physiological signal processing library for data science approaches in physiology. SoftwareX, 2019, 10, 100287.	1.2	41
68	Does regression exist? Employing biological markers to stratify autism spectrum disorder (ASD). Neuroscience and Biobehavioral Reviews, 2019, 103, 31-32.	2.9	1
69	Brain Processes in Mothers and Nulliparous Women in Response to Cry in Different Situational Contexts: A Default Mode Network Study. Parenting, 2019, 19, 69-85.	1.0	11
70	Self-Cognition and Parental Brain. Parenting, 2019, 19, 97-100.	1.0	1
71	The Influences of Drug Abuse on Mother-Infant Interaction Through the Lens of the Biopsychosocial Model of Health and Illness: A Review. Frontiers in Public Health, 2019, 7, 45.	1.3	15
72	The Unexpected for the Expecting Parent: Effects of Disruptive Early Interactions on Mother'™ Infant Relationship. Parenting, 2019, 19, 124-129.	1.0	6

#	ARTICLE	IF	CITATIONS
73	Specific maternal brain responses to their own child's face: An fMRI meta-analysis. <i>Developmental Review</i> , 2019, 51, 58-69.	2.6	30
74	Effects of Baby Schema and Mere Exposure on Explicit and Implicit Face Processing. <i>Frontiers in Psychology</i> , 2019, 10, 2649.	1.1	12
75	Are Cry Studies Replicable? An Analysis of Participants, Procedures, and Methods Adopted and Reported in Studies of Infant Cries. <i>Acoustics</i> , 2019, 1, 866-883.	0.8	15
76	Inaudible components of the human infant cry influence haemodynamic responses in the breast region of mothers. <i>Journal of Physiological Sciences</i> , 2019, 69, 1085-1096.	0.9	4
77	Implicit associations to infant cry: Genetics and early care experiences influence caregiving propensities. <i>Hormones and Behavior</i> , 2019, 108, 1-9.	1.0	7
78	To be or not to be emotionally aware and socially motivated: How alexithymia impacts autism spectrum disorders. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.4	1
79	What Men Do When a Baby Cries: Increasing Testosterone May Lead to Less Nurturant Care but More Environmental Vigilance. <i>Parenting</i> , 2019, 19, 62-64.	1.0	4
80	Parenting and Infant Cry. <i>Parenting</i> , 2019, 19, 1-4.	1.0	2
81	Early Vocal Development in Autism Spectrum Disorder, Rett Syndrome, and Fragile X Syndrome: Insights from Studies Using Retrospective Video Analysis. <i>Advances in Neurodevelopmental Disorders</i> , 2018, 2, 49-61.	0.7	29
82	Oxytocin receptor gene polymorphisms (rs53576) and early paternal care sensitize males to distressing female vocalizations. <i>Developmental Psychobiology</i> , 2018, 60, 333-339.	0.9	20
83	Oxytocin receptors (OXTR) and early parental care: An interaction that modulates psychiatric disorders. <i>Research in Developmental Disabilities</i> , 2018, 82, 27-38.	1.2	53
84	Discriminating between mothers' infant- and adult-directed speech: Cross-linguistic generalizability from Japanese to Italian and German. <i>Neuroscience Research</i> , 2018, 133, 21-27.	1.0	9
85	Physiological and self-report responses of parents of children with autism spectrum disorder to children crying. <i>Research in Developmental Disabilities</i> , 2018, 73, 31-39.	1.2	6
86	Gene – Environment Interaction in Developmental Disorders: Where Do We Stand and What's Next?. <i>Frontiers in Psychology</i> , 2018, 9, 2036.	1.1	23
87	Investigating genes, environments, and their interactions in the service of informing individualized diagnosis and treatment in developmental disabilities. <i>Research in Developmental Disabilities</i> , 2018, 82, 1-2.	1.2	1
88	Putting salient vocalizations in context: Adults' physiological arousal to emotive cues in domestic and external environments. <i>Physiology and Behavior</i> , 2018, 196, 25-32.	1.0	8
89	A Review of Oxytocin and Arginine-Vasopressin Receptors and Their Modulation of Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 27.	1.4	70
90	Alexithymia and Autism Spectrum Disorder: A Complex Relationship. <i>Frontiers in Psychology</i> , 2018, 9, 1196.	1.1	87

#	ARTICLE	IF	CITATIONS
91	fNIRS reveals enhanced brain activation to female (versus male) infant directed speech (relative to) Tj ETQq1 1 0.784314 rgBTJ/Overlock	1.8	18
92	Brain processes in women and men in response to emotive sounds. <i>Social Neuroscience</i> , 2017, 12, 150-162.	0.7	15
93	Genetic predispositions and parental bonding interact to shape adults' physiological responses to social distress. <i>Behavioural Brain Research</i> , 2017, 325, 156-162.	1.2	57
94	Continuity and Stability in Development. <i>Child Development Perspectives</i> , 2017, 11, 113-119.	2.1	84
95	A Novel Way to Measure and Predict Development: A Heuristic Approach to Facilitate the Early Detection of Neurodevelopmental Disorders. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 43.	2.0	66
96	The development of attachment: Integrating genes, brain, behavior, and environment. <i>Behavioural Brain Research</i> , 2017, 325, 87-89.	1.2	25
97	Neurobiology of culturally common maternal responses to infant cry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9465-E9473.	3.3	125
98	Dataset on genetic and physiological adults' responses to social distress. <i>Data in Brief</i> , 2017, 13, 742-748.	0.5	7
99	Above and below the surface: Genetic and cultural factors in the development of values. <i>Behavioral and Brain Sciences</i> , 2017, 40, e235.	0.4	0
100	Autism spectrum disorder and early motor abnormalities: Connected or coincidental companions?. <i>Research in Developmental Disabilities</i> , 2017, 60, 13-15.	1.2	19
101	Implicit association to infant faces: Genetics, early care experiences, and cultural factors influence caregiving propensities. <i>Behavioural Brain Research</i> , 2017, 325, 163-172.	1.2	22
102	Adults' Implicit Associations to Infant Positive and Negative Acoustic Cues: Moderation by Empathy and Gender. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 1935-1942.	0.6	7
103	Cry, Baby, Cry: Expression of Distress As a Biomarker and Modulator in Autism Spectrum Disorder. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 498-503.	1.0	75
104	Serotonin Transporter Gene Polymorphisms and Early Parent-Infant Interactions Are Related to Adult Male Heart Rate Response to Female Crying. <i>Frontiers in Physiology</i> , 2017, 8, 111.	1.3	17
105	Response to Infant Cry in Clinically Depressed and Non-Depressed Mothers. <i>PLoS ONE</i> , 2017, 12, e0169066.	1.1	39
106	Gross Motor Skills. , 2017, , 1-4.		0
107	How Can I Make My Younger Sibling Stop Crying?. <i>Frontiers for Young Minds</i> , 2016, 4, .	0.8	0
108	Physiological responses to dyadic interactions are influenced by neurotypical adults' levels of autistic and empathy traits. <i>Physiology and Behavior</i> , 2016, 165, 7-14.	1.0	9

#	ARTICLE	IF	CITATIONS
109	<i>In utero</i> testosterone exposure influences physiological responses to dyadic interactions in neurotypical adults. <i>Acta Neuropsychiatrica</i> , 2016, 28, 304-309.	1.0	5
110	Distinct preoptic BST nuclei dissociate paternal and infanticidal behavior in mice. <i>EMBO Journal</i> , 2015, 34, 2652-2670.	3.5	101
111	Maternal bonding in childhood moderates autonomic responses to distress stimuli in adult males. <i>Behavioural Brain Research</i> , 2015, 292, 428-431.	1.2	23
112	Using infrared thermography to assess emotional responses to infants. <i>Early Child Development and Care</i> , 2015, 185, 438-447.	0.7	22
113	Beyond practices and values: toward a physio-bioecological analysis of sleeping arrangements in early infancy. <i>Frontiers in Psychology</i> , 2015, 6, 264.	1.1	6
114	The calming effect of maternal carrying in different mammalian species. <i>Frontiers in Psychology</i> , 2015, 6, 445.	1.1	6
115	Judgment of infant cry: The roles of acoustic characteristics and sociodemographic characteristics. <i>Japanese Psychological Research</i> , 2015, 57, 126-134.	0.4	15
116	Three physiological responses in fathers and non-fathers to vocalizations of typically developing infants and infants with Autism Spectrum Disorder. <i>Research in Developmental Disabilities</i> , 2015, 43-44, 43-50.	1.2	13
117	Sex-Specific Automatic Responses to Infant Cries: TMS Reveals Greater Excitability in Females than Males in Motor Evoked Potentials. <i>Frontiers in Psychology</i> , 2015, 6, 1909.	1.1	20
118	Beyond cry and laugh: Toward a multilevel model of language production. <i>Behavioral and Brain Sciences</i> , 2014, 37, 548-549.	0.4	3
119	Physiolyze: A Galaxy-based web service for Heart Rate Variability analysis with online processing. , 2014, , .		2
120	Brief Report: Atypical Expression of Distress During the Separation Phase of the Strange Situation Procedure in Infant Siblings at High Risk for ASD. <i>Journal of Autism and Developmental Disorders</i> , 2014, 44, 975-980.	1.7	40
121	Baby, You Light-Up My Face: Culture-General Physiological Responses to Infants and Culture-Specific Cognitive Judgements of Adults. <i>PLoS ONE</i> , 2014, 9, e106705.	1.1	67
122	Componential deconstruction of infant distress vocalizations via tree-based models: A study of cry in autism spectrum disorder and typical development. <i>Research in Developmental Disabilities</i> , 2013, 34, 2717-2724.	1.2	61
123	Transport Response is a filial-specific behavioral response to maternal carrying in C57BL/6 mice. <i>Frontiers in Zoology</i> , 2013, 10, 50.	0.9	16
124	Infant Calming Responses during Maternal Carrying in Humans and Mice. <i>Current Biology</i> , 2013, 23, 739-745.	1.8	103
125	Cohesi3n, micro-organizaci3n, estructura narrativa y competencias verbales entre tres y once a±os: el desarrollo narrativo formal. <i>Estudios De Psicología</i> , 2013, 34, 141-160.	0.1	6
126	Sex differences in directional brain responses to infant hunger cries. <i>NeuroReport</i> , 2013, 24, 142-146.	0.6	89

#	ARTICLE	IF	CITATIONS
127	Motor abnormalities as a putative endophenotype for Autism Spectrum Disorders. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 43.	1.0	37
128	The Bears Family Projective Test: Evaluating Stories of Children with Emotional Difficulties. <i>Perceptual and Motor Skills</i> , 2012, 114, 883-902.	0.6	8
129	Differential brain responses to cries of infants with autistic disorder and typical development: An fMRI study. <i>Research in Developmental Disabilities</i> , 2012, 33, 2255-2264.	1.2	69
130	Species-specific response to human infant faces in the premotor cortex. <i>NeuroImage</i> , 2012, 60, 884-893.	2.1	188
131	Maternal and paternal pragmatic speech directed to young children with Down syndrome and typical development. , 2011, 34, 161-169.		26
132	Analysis of unsupported gait in toddlers with autism. <i>Brain and Development</i> , 2011, 33, 367-373.	0.6	100
133	Developmental changes in the fundamental frequency (f0) of infants' cries: a study of children with Autism Spectrum Disorder. <i>Early Child Development and Care</i> , 2010, 180, 1093-1102.	0.7	51
134	Symmetry in Infancy: Analysis of Motor Development in Autism Spectrum Disorders. <i>Symmetry</i> , 2009, 1, 215-225.	1.1	22
135	Comparative Analysis of Crying in Children with Autism, Developmental Delays, and Typical Development. <i>Focus on Autism and Other Developmental Disabilities</i> , 2009, 24, 240-247.	0.8	81
136	Mother's Child and Father's Child Emotional Availability in Families of Children with Down Syndrome. <i>Parenting</i> , 2009, 9, 198-215.	1.0	39
137	An exploration of symmetry in early autism spectrum disorders: Analysis of lying. <i>Brain and Development</i> , 2009, 31, 131-138.	0.6	120
138	How is crying perceived in children with Autistic Spectrum Disorder. <i>Research in Autism Spectrum Disorders</i> , 2008, 2, 371-384.	0.8	34
139	Analysis of Toddlers' Gait after Six Months of Independent Walking to Identify Autism: A Preliminary Study. <i>Perceptual and Motor Skills</i> , 2008, 106, 259-269.	0.6	88
140	Gene-Environment Interactions in Face Categorization: Oxytocin Receptor Genotype x Childcare Experience Shortens Reaction Time. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	2