## Gianluca Esposito

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Species-specific response to human infant faces in the premotor cortex. Neurolmage, 2012, 60, 884-893.	4.2	188
2	Neurobiology of culturally common maternal responses to infant cry. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9465-E9473.	7.1	125
3	An exploration of symmetry in early autism spectrum disorders: Analysis of lying. Brain and Development, 2009, 31, 131-138.	1.1	120
4	Infant Calming Responses during Maternal Carrying in Humans and Mice. Current Biology, 2013, 23, 739-745.	3.9	103
5	Distinct preoptic― <scp>BST</scp> nuclei dissociate paternal andÂinfanticidal behavior in mice. EMBO Journal, 2015, 34, 2652-2670.	7.8	101
6	Analysis of unsupported gait in toddlers with autism. Brain and Development, 2011, 33, 367-373.	1.1	100
7	Sex differences in directional brain responses to infant hunger cries. NeuroReport, 2013, 24, 142-146.	1.2	89
8	Analysis of Toddlers' Gait after Six Months of Independent Walking to Identify Autism: A Preliminary Study. Perceptual and Motor Skills, 2008, 106, 259-269.	1.3	88
9	Alexithymia and Autism Spectrum Disorder: A Complex Relationship. Frontiers in Psychology, 2018, 9, 1196.	2.1	87
10	Continuity and Stability in Development. Child Development Perspectives, 2017, 11, 113-119.	3.9	84
11	Comparative Analysis of Crying in Children with Autism, Developmental Delays, and Typical Development. Focus on Autism and Other Developmental Disabilities, 2009, 24, 240-247.	1.3	81
12	Cry, Baby, Cry: Expression of Distress As a Biomarker and Modulator in Autism Spectrum Disorder. International Journal of Neuropsychopharmacology, 2017, 20, 498-503.	2.1	75
13	A Review of Oxytocin and Arginine-Vasopressin Receptors and Their Modulation of Autism Spectrum Disorder. Frontiers in Molecular Neuroscience, 2018, 11, 27.	2.9	70
14	Differential brain responses to cries of infants with autistic disorder and typical development: An fMRI study. Research in Developmental Disabilities, 2012, 33, 2255-2264.	2.2	69
15	Baby, You Light-Up My Face: Culture-General Physiological Responses to Infants and Culture-Specific Cognitive Judgements of Adults. PLoS ONE, 2014, 9, e106705.	2.5	67
16	A Novel Way to Measure and Predict Development: A Heuristic Approach to Facilitate the Early Detection of Neurodevelopmental Disorders. Current Neurology and Neuroscience Reports, 2017, 17, 43.	4.2	66
17	Componential deconstruction of infant distress vocalizations via tree-based models: A study of cry in autism spectrum disorder and typical development. Research in Developmental Disabilities, 2013, 34, 2717-2724.	2.2	61
18	Genetic predispositions and parental bonding interact to shape adults' physiological responses to social distress. Behavioural Brain Research, 2017, 325, 156-162.	2.2	57

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19	Social Media Usage and Development of Psychiatric Disorders in Childhood and Adolescence: A Review. Frontiers in Psychiatry, 2020, 11, 508595.	2.6	57
20	Oxytocin receptors (OXTR) and early parental care: An interaction that modulates psychiatric disorders. Research in Developmental Disabilities, 2018, 82, 27-38.	2.2	53
21	Developmental changes in the fundamental frequency (f0) of infants' cries: a study of children with Autism Spectrum Disorder. Early Child Development and Care, 2010, 180, 1093-1102.	1.3	51
22	A decade of infant neuroimaging research: What have we learned and where are we going?. , 2020, 58, 101389.		46
23	pyphysio: A physiological signal processing library for data science approaches in physiology. SoftwareX, 2019, 10, 100287.	2.6	41
24	Brief Report: Atypical Expression of Distress During the Separation Phase of the Strange Situation Procedure in Infant Siblings at High Risk for ASD. Journal of Autism and Developmental Disorders, 2014, 44, 975-980.	2.7	40
25	Strangers, Friends, and Lovers Show Different Physiological Synchrony in Different Emotional States. Behavioral Sciences (Basel, Switzerland), 2020, 10, 11.	2.1	40
26	Mother–Child and Father–Child Emotional Availability in Families of Children with Down Syndrome. Parenting, 2009, 9, 198-215.	1.4	39
27	Response to Infant Cry in Clinically Depressed and Non-Depressed Mothers. PLoS ONE, 2017, 12, e0169066.	2.5	39
28	Motor abnormalities as a putative endophenotype for Autism Spectrum Disorders. Frontiers in Integrative Neuroscience, 2013, 7, 43.	2.1	37
29	Physical presence of spouse enhances brain-to-brain synchrony in co-parenting couples. Scientific Reports, 2020, 10, 7569.	3.3	35
30	How is crying perceived in children with Autistic Spectrum Disorder. Research in Autism Spectrum Disorders, 2008, 2, 371-384.	1.5	34
31	Nature in virtual reality improves mood and reduces stress: evidence from young adults and senior citizens. Virtual Reality, 2023, 27, 3285-3300.	6.1	32
32	Specific maternal brain responses to their own child's face: An fMRI meta-analysis. Developmental Review, 2019, 51, 58-69.	4.7	30
33	Early Vocal Development in Autism Spectrum Disorder, Rett Syndrome, and Fragile X Syndrome: Insights from Studies Using Retrospective Video Analysis. Advances in Neurodevelopmental Disorders, 2018, 2, 49-61.	1.1	29
34	Vertical greenery buffers against stress: Evidence from psychophysiological responses in virtual reality. Landscape and Urban Planning, 2021, 213, 104127.	7.5	29
35	Maternal and paternal pragmatic speech directed to young children with Down syndrome and typical development. , 2011, 34, 161-169.		26
36	The development of attachment: Integrating genes, brain, behavior, and environment. Behavioural Brain Research, 2017, 325, 87-89.	2.2	25

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37	Maternal bonding in childhood moderates autonomic responses to distress stimuli in adult males. Behavioural Brain Research, 2015, 292, 428-431.	2.2	23
38	Gene × Environment Interaction in Developmental Disorders: Where Do We Stand and What's Next?. Frontiers in Psychology, 2018, 9, 2036.	2.1	23
39	Symmetry in Infancy: Analysis of Motor Development in Autism Spectrum Disorders. Symmetry, 2009, 1, 215-225.	2.2	22
40	Using infrared thermography to assess emotional responses to infants. Early Child Development and Care, 2015, 185, 438-447.	1.3	22
41	Implicit association to infant faces: Genetics, early care experiences, and cultural factors influence caregiving propensities. Behavioural Brain Research, 2017, 325, 163-172.	2.2	22
42	A Scientometric Approach to Review the Role of the Medial Preoptic Area (MPOA) in Parental Behavior. Brain Sciences, 2021, 11, 393.	2.3	21
43	Sex-Specific Automatic Responses to Infant Cries: TMS Reveals Greater Excitability in Females than Males in Motor Evoked Potentials. Frontiers in Psychology, 2015, 6, 1909.	2.1	20
44	Oxytocin receptor gene polymorphisms (rs53576) and early paternal care sensitize males to distressing female vocalizations. Developmental Psychobiology, 2018, 60, 333-339.	1.6	20
45	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.	2.6	20
46	Developmental disabilities across the world: A scientometric review from 1936 to 2020. Research in Developmental Disabilities, 2021, 117, 104031.	2.2	20
47	Autism spectrum disorder and early motor abnormalities: Connected or coincidental companions?. Research in Developmental Disabilities, 2017, 60, 13-15.	2.2	19
48	A Scientometric Review of Alexithymia: Mapping Thematic and Disciplinary Shifts in Half a Century of Research. Frontiers in Psychiatry, 2020, 11, 611489.	2.6	19
49	Virtual reality and naturalistic developmental behavioral interventions for children with autism spectrum disorder. Research in Developmental Disabilities, 2021, 111, 103885.	2.2	19
50	fNIRS reveals enhanced brain activation to female (versus male) infant directed speech (relative to) Tj ETQq0 0	0 rgBT /Ov	erlock 10 Tf 50
51	Serotonin Transporter Gene Polymorphisms and Early Parent-Infant Interactions Are Related to Adult Male Heart Rate Response to Female Crying. Frontiers in Physiology, 2017, 8, 111.	2.8	17
52	Transport Response is a filial-specific behavioral response to maternal carrying in C57BL/6 mice. Frontiers in Zoology, 2013, 10, 50.	2.0	16
53	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.	2.6	16
54	Comparison of Wearable and Clinical Devices for Acquisition of Peripheral Nervous System Signals. Sensors, 2020, 20, 6778.	3.8	16

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55	Deep Neural Networks and Transfer Learning on a Multivariate Physiological Signal Dataset. Bioengineering, 2021, 8, 35.	3.5	16
56	Judgment of infant cry: The roles of acoustic characteristics and sociodemographic characteristics. Japanese Psychological Research, 2015, 57, 126-134.	1.1	15
57	Brain processes in women and men in response to emotive sounds. Social Neuroscience, 2017, 12, 150-162.	1.3	15
58	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.	2.7	15
59	Are Cry Studies Replicable? An Analysis of Participants, Procedures, and Methods Adopted and Reported in Studies of Infant Cries. Acoustics, 2019, 1, 866-883.	1.4	15
60	Brain Responses to Emotional Infant Faces in New Mothers and Nulliparous Women. Scientific Reports, 2020, 10, 9560.	3.3	15
61	A neurocognitive investigation of test methods and gender effects in listening assessment. Computer Assisted Language Learning, 2022, 35, 743-763.	7.1	15
62	Three physiological responses in fathers and non-fathers' to vocalizations of typically developing infants and infants with Autism Spectrum Disorder. Research in Developmental Disabilities, 2015, 43-44, 43-50.	2.2	13
63	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.	2.1	13
64	Oxytocin receptor gene and parental bonding modulate prefrontal responses to cries: a NIRS Study. Scientific Reports, 2020, 10, 8588.	3.3	13
65	Effects of Baby Schema and Mere Exposure on Explicit and Implicit Face Processing. Frontiers in Psychology, 2019, 10, 2649.	2.1	12
66	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.	1.4	11
67	Stabilities of infant behaviors and maternal responses to them. Infancy, 2020, 25, 226-245.	1.6	11
68	Experimental manipulation of maternal proximity during short sequences of sleep and infant calming response. , 2020, 59, 101426.		11
69	PySiology: A Python Package for Physiological Feature Extraction. Smart Innovation, Systems and Technologies, 2020, , 395-402.	0.6	11
70	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.	2.6	10
71	Child disability and caregiving in low and middle income countries: Big data approach on open data. Research in Developmental Disabilities, 2020, 107, 103795.	2.2	10
72	OXTR moderates adverse childhood experiences on depressive symptoms among incarcerated males. Journal of Psychiatric Research, 2021, 140, 221-227.	3.1	10

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73	Physiological responses to dyadic interactions are influenced by neurotypical adults' levels of autistic and empathy traits. Physiology and Behavior, 2016, 165, 7-14.	2.1	9
74	Discriminating between mothers' infant- and adult-directed speech: Cross-linguistic generalizability from Japanese to Italian and German. Neuroscience Research, 2018, 133, 21-27.	1.9	9
75	An Analysis of the Generalizability and Stability of the Halo Effect During the COVID-19 Pandemic Outbreak. Frontiers in Psychology, 2021, 12, 631871.	2.1	9
76	Computational Methods for the Assessment of Empathic Synchrony. Smart Innovation, Systems and Technologies, 2021, , 555-564.	0.6	9
77	The Bears Family Projective Test: Evaluating Stories of Children with Emotional Difficulties. Perceptual and Motor Skills, 2012, 114, 883-902.	1.3	8
78	Putting salient vocalizations in context: Adults' physiological arousal to emotive cues in domestic and external environments. Physiology and Behavior, 2018, 196, 25-32.	2.1	8
79	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.	1.8	8
80	The Recognition of Cross-Cultural Emotional Faces Is Affected by Intensity and Ethnicity in a Japanese Sample. Behavioral Sciences (Basel, Switzerland), 2021, 11, 59.	2.1	8
81	The relation between oxytocin receptor gene polymorphisms, adult attachment and Instagram sociability: An exploratory analysis. Heliyon, 2021, 7, e07894.	3.2	8
82	Dataset on genetic and physiological adults× <sup>3</sup> responses to social distress. Data in Brief, 2017, 13, 742-748.	1.0	7
83	Adults' Implicit Associations to Infant Positive and Negative Acoustic Cues: Moderation by Empathy and Gender. Quarterly Journal of Experimental Psychology, 2017, 70, 1935-1942.	1.1	7
84	Implicit associations to infant cry: Genetics and early care experiences influence caregiving propensities. Hormones and Behavior, 2019, 108, 1-9.	2.1	7
85	A Machine Learning Approach for the Automatic Estimation of Fixation-Time Data Signals' Quality. Sensors, 2020, 20, 6775.	3.8	7
86	Cohesión, micro-organización, estructura narrativa y competencias verbales entre tres y once años: el desarrollo narrativo formal. Estudios De Psicologia, 2013, 34, 141-160.	0.3	6
87	Beyond practices and values: toward a physio-bioecological analysis of sleeping arrangements in early infancy. Frontiers in Psychology, 2015, 6, 264.	2.1	6
88	The calming effect of maternal carrying in different mammalian species. Frontiers in Psychology, 2015, 6, 445.	2.1	6
89	Physiological and self-report responses of parents of children with autism spectrum disorder to children crying. Research in Developmental Disabilities, 2018, 73, 31-39.	2.2	6
90	The Unexpected for the Expecting Parent: Effects of Disruptive Early Interactions on Mother–Infant Relationship. Parenting, 2019, 19, 124-129.	1.4	6

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91	Microgenesis of typical storytelling. Early Child Development and Care, 2020, 190, 1991-2001.	1.3	6
92	Recalled Parental Bonding Interacts with Oxytocin Receptor Gene Polymorphism in Modulating Anxiety and Avoidance in Adult Relationships. Brain Sciences, 2021, 11, 496.	2.3	6
93	Reduced Perceived Trustworthiness during Face Mask Wearing. European Journal of Investigation in Health, Psychology and Education, 2021, 11, 1474-1484.	1.9	6
94	<i>In utero</i> testosterone exposure influences physiological responses to dyadic interactions in neurotypical adults. Acta Neuropsychiatrica, 2016, 28, 304-309.	2.1	5
95	Assessing Mothers' Postpartum Depression From Their Infants' Cry Vocalizations. Behavioral Sciences (Basel, Switzerland), 2020, 10, 55.	2.1	5
96	fNIRS-QC: Crowd-Sourced Creation of a Dataset and Machine Learning Model for fNIRS Quality Control. Applied Sciences (Switzerland), 2021, 11, 9531.	2.5	5
97	Inaudible components of the human infant cry influence haemodynamic responses in the breast region of mothers. Journal of Physiological Sciences, 2019, 69, 1085-1096.	2.1	4
98	Where Sounds Occur Matters: Context Effects Influence Processing of Salient Vocalisations. Brain Sciences, 2020, 10, 429.	2.3	4
99	Brief Exposure to Infants Activates Social and Intergroup Vigilance. Behavioral Sciences (Basel,) Tj ETQq1 1 0.784	4314.rgBT 2.1	/Oyerlock 10
100	The Role of the Family Network When Raising a Child with a Disability in Low- and Middle-Income Countries. Disabilities, 2021, 1, 58-68.	1.0	4
101	Hacking Trust: The Presence of Faces on Automated Teller Machines (ATMs) Affects Trustworthiness. Behavioral Sciences (Basel, Switzerland), 2021, 11, 91.	2.1	4
102	Influences of Social Distancing and attachment styles on the strength of the Halo Effect. PLoS ONE, 2021, 16, e0256364.	2.5	4
103	What Men Do When a Baby Cries: Increasing Testosterone May Lead to Less Nurturant Care but More Environmental Vigilance. Parenting, 2019, 19, 62-64.	1.4	4
104	Improving the Efficacy of Deep-Learning Models for Heart Beat Detection on Heterogeneous Datasets. Bioengineering, 2021, 8, 193.	3.5	4
105	Asymmetric Prefrontal Cortex Activation Associated with Mutual Gaze of Mothers and Children during Shared Play. Symmetry, 2022, 14, 998.	2.2	4
106	Beyond cry and laugh: Toward a multilevel model of language production. Behavioral and Brain Sciences, 2014, 37, 548-549.	0.7	3
107	Cross-Cultural Perspectives on Parent–Infant Interactions. , 2020, , 805-832.		3
108	Serotonin Transporter Gene Polymorphisms and Maternal Overprotection Regulate Adult Social Expectations on Close Relationships. Brain Sciences, 2021, 11, 1123.	2.3	3

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109	Children's Online Collaborative Storytelling during 2020 COVID-19 Home Confinement. European Journal of Investigation in Health, Psychology and Education, 2021, 11, 1619-1634.	1.9	3
110	The Interaction Effect of Parental Rejection and Oxytocin Receptor Gene Polymorphism on Depression: A Cross-Cultural Study in Non-Clinical Samples. International Journal of Environmental Research and Public Health, 2022, 19, 5566.	2.6	3
111	Stronger brain activation for own baby but similar activation toward babies of own and different ethnicities in parents living in a multicultural environment. Scientific Reports, 2022, 12, .	3.3	3
112	Physiolyze: A Galaxy-based web service for Heart Rate Variability analysis with online processing. , 2014, , .		2
113	Predicting mother and child emotional availability in Singaporean bilingual English and Mandarin dyads: A multilevel approach to the specificity principle. Journal of Applied Developmental Psychology, 2021, 73, 101241.	1.7	2
114	An fNIRS Investigation of Masculinity, Femininity, and Sex on Nonparents' Empathic Response to Infant Cries. Brain Sciences, 2021, 11, 635.	2.3	2
115	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.	2.6	2
116	Parenting and Infant Cry. Parenting, 2019, 19, 1-4.	1.4	2
117	The Nature and Structure of Mothers' Parenting Their Infants. Parenting, 2022, 22, 83-127.	1.4	2
118	Gene–Environment Interactions in Face Categorization: Oxytocin Receptor Genotype x Childcare Experience Shortens Reaction Time. Frontiers in Psychology, 0, 13, .	2.1	2
119	Investigating genes, environments, and their interactions in the service of informing individualized diagnosis and treatment in developmental disabilities. Research in Developmental Disabilities, 2018, 82, 1-2.	2.2	1
120	Adults' Implicit Reactions to Typical and Atypical Infant Cues. Smart Innovation, Systems and Technologies, 2019, , 35-43.	0.6	1
121	Using maternal rescue of pups in a cup to investigate mother-infant interactions in mice/rodents. Behavioural Brain Research, 2019, 374, 112081.	2.2	1
122	Does regression exist? Employing biological markers to stratify autism spectrum disorder (ASD). Neuroscience and Biobehavioral Reviews, 2019, 103, 31-32.	6.1	1
123	Self-Cognition and Parental Brain. Parenting, 2019, 19, 97-100.	1.4	1
124	Infant communicative signals elicit differential brain dynamics in fathers and non-fathers. Early Child Development and Care, 2020, 190, 549-557.	1.3	1
125	Infant behaviors and maternal parenting practices: Short-term reliability assessments. , 2020, 58, 101408.		1
126	Autonomic Activity and Surgical Flow Disruptions in Healthcare Providers during Cardiac Surgery. , 2020, 2020, .		1

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127	Parental involvement in developmental disabilities across cultures. Research in Developmental Disabilities, 2021, 116, 104023.	2.2	1
128	To be or not to be emotionally aware and socially motivated: How alexithymia impacts autism spectrum disorders. Behavioral and Brain Sciences, 2019, 42, .	0.7	1
129	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.	0.5	1
130	The Interaction between Serotonin Transporter Allelic Variation and Maternal Care Modulates Instagram Sociability in a Sample of Singaporean Users. International Journal of Environmental Research and Public Health, 2022, 19, 5348.	2.6	1
131	Mental Health of Mothers of Children with Neurodevelopmental and Genetic Disorders in Pakistan. Behavioral Sciences (Basel, Switzerland), 2022, 12, 161.	2.1	1
132	How Can I Make My Younger Sibling Stop Crying?. Frontiers for Young Minds, 2016, 4, .	0.8	0
133	Above and below the surface: Genetic and cultural factors in the development of values. Behavioral and Brain Sciences, 2017, 40, e235.	0.7	0
134	Gross Motor Skills. , 2021, , 2277-2281.		0
135	Mind the dad–A review on the biopsychosocial influences of drug abuse on father-infant interaction. Emerging Trends in Drugs, Addictions, and Health, 2021, 1, 100015.	1.1	0
136	The Associations between Imageability of Positive and Negative Valence Words and Fear Reactivity. Psychiatry International, 2021, 2, 32-47.	1.0	0
137	Bio-culturally grounded: why separation and connection may not be the same around the world. Behavioral and Brain Sciences, 2021, 44, e14.	0.7	0
138	mics-library: A Python package for reproducible studies on the Multiple Indicator Cluster Survey. SoftwareX, 2021, 16, 100828.	2.6	0
139	Technological advancements in the assessment and intervention of developmental disabilities. Research in Developmental Disabilities, 2021, 119, 104088.	2.2	0

140 Gross Motor Skills. , 2017, , 1-4.

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