

# Amedeo D Angiulli

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83  
papers

2,957  
citations

23  
h-index

54  
g-index

103  
ext. papers

3,398  
ext. citations

2.9  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
83	EEG Power Band Asymmetries in Children with and without Classical Ensemble Music Training. <i>Symmetry</i> , <b>2022</b> , 14, 538	2.7	0
82	Systematic Review on the Safety and Tolerability of Transcranial Direct Current Stimulation in Children and Adolescents. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	5
81	Neurofunctional Symmetries and Asymmetries during Voluntary out-of- and within-Body Vivid Imagery Concurrent with Orienting Attention and Visuospatial Detection. <i>Symmetry</i> , <b>2021</b> , 13, 1549	2.7	1
80	Screen time is independently associated with serum brain-derived neurotrophic factor (BDNF) in youth with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2021</b> , 46, 1083-1090	3	1
79	Associations between physical activity, sedentary time and social-emotional functioning in young children. <i>Mental Health and Physical Activity</i> , <b>2021</b> , 21, 100422	5	2
78	From Schools to Scans: A Neuroeducational Approach to Comorbid Math and Reading Disabilities. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 469	6	1
77	Evaluating Preschool Visual Attentional Selective-Set: Preliminary ERP Modeling and Simulation of Target Enhancement Homology. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	2
76	Insights from a Bibliometric Analysis of Vividness and Its Links with Consciousness and Mental Imagery. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	1
75	Acceptability of transcranial direct current stimulation in children and adolescents with ADHD: The point of view of parents. <i>Journal of Health Psychology</i> , <b>2020</b> , 1359105320937059	3.1	4
74	Imagery-Mediated Verbal Learning Depends on Vividness-Familiarity Interactions: The Possible Role of Dualistic Resting State Network Activity Interference. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	2
73	Retooling Computational Techniques for EEG-Based Neurocognitive Modeling of Children's Data, Validity and Prospects for Learning and Education. <i>Frontiers in Computational Neuroscience</i> , <b>2019</b> , 13, 4	3.5	3
72	Commercial wireless versus standard stationary EEG systems for personalized emotional brain-computer interfaces: a preliminary reliability check <b>2019</b> , 2, 7-15		2
71	The role of neuroinflammation in developmental neurotoxicity, tackling complexity in children's exposures and outcomes. <i>Advances in Neurotoxicology</i> , <b>2019</b> , 223-257	1.6	0
70	Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. <i>Physiology and Behavior</i> , <b>2018</b> , 191, 138-145	3.5	21
69	Severe Urban Outdoor Air Pollution and Children's Structural and Functional Brain Development, From Evidence to Precautionary Strategic Action. <i>Frontiers in Public Health</i> , <b>2018</b> , 6, 95	6	15
68	Changes in the Brain-Derived Neurotrophic Factor Are Associated with Improvements in Diabetes Risk Factors after Exercise Training in Adolescents with Obesity: The HEARTY Randomized Controlled Trial. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 7169583	3.3	15
67	Attending, learning, and socioeconomic disadvantage: developmental cognitive and social neuroscience of resilience and vulnerability. <i>Annals of the New York Academy of Sciences</i> , <b>2017</b> , 1396, 19-38	6.5	21

66	Exposures to fine particulate matter (PM) and ozone above USA standards are associated with auditory brainstem dysmorphology and abnormal auditory brainstem evoked potentials in healthy young dogs. <i>Environmental Research</i> , <b>2017</b> , 158, 324-332	7.9	10
65	Meta-analytic comparison of trial- versus questionnaire-based vividness reportability across behavioral, cognitive and neural measurements of imagery. <i>Neuroscience of Consciousness</i> , <b>2017</b> , 2017, nix006	3.3	11
64	[Formula: see text]Higher cortisol is associated with poorer executive functioning in preschool children: The role of parenting stress, parent coping and quality of daycare. <i>Child Neuropsychology</i> , <b>2016</b> , 22, 853-69	2.7	34
63	El Sistema-inspired ensemble music training is associated with changes in children's neurocognitive functional integration: preliminary ERP evidence. <i>Neurocase</i> , <b>2016</b> , 22, 538-547	0.8	5
62	How neuroendocrinology can contribute to early childhood education and care: Cortisol as a supplementary indicator of quality. <i>Prospects</i> , <b>2016</b> , 46, 281-299	4.8	3
61	Interactive and additive influences of Gender, BMI and Apolipoprotein 4 on cognition in children chronically exposed to high concentrations of PM2.5 and ozone. APOE 4 females are at highest risk in Mexico City. <i>Environmental Research</i> , <b>2016</b> , 150, 411-422	7.9	46
60	Frameworks are pretty on paper but often do not fit reality: Reply to Lemyre et al. <i>Journal of Perinatology</i> , <b>2016</b> , 36, 1138-1139	3.1	
59	How air pollution alters brain development: the role of neuroinflammation. <i>Translational Neuroscience</i> , <b>2016</b> , 7, 24-30	1.2	89
58	Trial-by-Trial Vividness Self-Reports Versus VVIQ: A Meta-Analytic Comparison of Behavioral, Cognitive and Neurological Correlations. <i>Imagination, Cognition and Personality</i> , <b>2015</b> , 35, 137-165	0.8	2
57	Event-related potential signatures of perceived and imagined emotional and food real-life photos. <i>Neuroscience Bulletin</i> , <b>2015</b> , 31, 317-30	4.3	11
56	ISDN2014_0311: Cognition and language development in different socioeconomic and environmental settings: A review from Developmental Cognitive Neuroscience. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 47, 94-95	2.7	1
55	ISDN2014_0151: Attentional processes, cortisol and emotional states in preadolescent children from different socioeconomic status. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 47, 44-44	2.7	
54	ISDN2014_0308: Socioeconomic neurogradients of attention. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 47, 93-94	2.7	
53	ISDN2014_0148: Socioeconomic status, brain development and neuroethics: Evidence-based agendas for next decade's developmental neuroscience. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 47, 43-43	2.7	
52	ISDN2014_0149: Air pollution, brain and neurocognitive development in healthy children in Mexico City. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 47, 43-43	2.7	
51	Air pollution and children: neural and tight junction antibodies and combustion metals, the role of barrier breakdown and brain immunity in neurodegeneration. <i>Journal of Alzheimers Disease</i> , <b>2015</b> , 43, 1039-58	4.3	86
50	ISDN2014_0318: Practicing self-regulation through music: An ERP study comparing child musicians and nonmusicians. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 47, 97-97	2.7	1
49	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein 4 Children Exposed to Air Pollution. <i>Journal of Alzheimers Disease</i> , <b>2015</b> , 45, 757-70	4.3	61

48	Neural correlates of visualizations of concrete and abstract words in preschool children: a developmental embodied approach. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 856	3.4	12
47	Mexico City normal weight children exposed to high concentrations of ambient PM2.5 show high blood leptin and endothelin-1, vitamin D deficiency, and food reward hormone dysregulation versus low pollution controls. Relevance for obesity and Alzheimer disease. <i>Environmental Research</i> , <b>2015</b> , 140, 579-92	7.9	58
46	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact. <i>Environmental Research</i> , <b>2015</b> , 137, 157-69	7.9	74
45	Air pollution and detrimental effects on children's brain. The need for a multidisciplinary approach to the issue complexity and challenges. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 613	3.3	51
44	Perceived Stress and Canadian Early Childcare Educators. <i>Child and Youth Care Forum</i> , <b>2013</b> , 42, 53-70	2.4	27
43	Paternal Work Stress and the Mental Health of Fathers and Children: A Role for Urban and Rural Migration Patterns. <i>Canadian Journal of Community Mental Health</i> , <b>2013</b> , 32, 59-78	0.5	
42	Flavonol-rich dark cocoa significantly decreases plasma endothelin-1 and improves cognition in urban children. <i>Frontiers in Pharmacology</i> , <b>2013</b> , 4, 104	5.6	23
41	Vividness of visual imagery and incidental recall of verbal cues, when phenomenological availability reflects long-term memory accessibility. <i>Frontiers in Psychology</i> , <b>2013</b> , 4, 1	3.4	982
40	The social emotional developmental and cognitive neuroscience of socioeconomic gradients: laboratory, population, cross-cultural and community developmental approaches. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 788	3.3	3
39	Brain immune interactions and air pollution: macrophage inhibitory factor (MIF), prion cellular protein (PrP(C)), Interleukin-6 (IL-6), interleukin 1 receptor antagonist (IL-1Ra), and interleukin-2 (IL-2) in cerebrospinal fluid and MIF in serum differentiate urban children exposed to severe vs. low air pollution. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 183	5.1	48
38	The effects of interference on recognition of haptic pictures in blindfolded sighted participants: the modality of representation of haptic information. <i>Scandinavian Journal of Psychology</i> , <b>2012</b> , 53, 112-8	2.2	5
37	Explicit and implicit issues in the developmental cognitive neuroscience of social inequality. <i>Frontiers in Human Neuroscience</i> , <b>2012</b> , 6, 254	3.3	34
36	Frontal EEG/ERP correlates of attentional processes, cortisol and motivational states in adolescents from lower and higher socioeconomic status. <i>Frontiers in Human Neuroscience</i> , <b>2012</b> , 6, 306	3.3	28
35	Neuroinflammation, hyperphosphorylated tau, diffuse amyloid plaques, and down-regulation of the cellular prion protein in air pollution exposed children and young adults. <i>Journal of Alzheimers Disease</i> , <b>2012</b> , 28, 93-107	4.3	193
34	White matter hyperintensities, systemic inflammation, brain growth, and cognitive functions in children exposed to air pollution. <i>Journal of Alzheimers Disease</i> , <b>2012</b> , 31, 183-91	4.3	75
33	Exposure to severe urban air pollution influences cognitive outcomes, brain volume and systemic inflammation in clinically healthy children. <i>Brain and Cognition</i> , <b>2011</b> , 77, 345-55	2.7	188
32	Air pollution is associated with brainstem auditory nuclei pathology and delayed brainstem auditory evoked potentials. <i>International Journal of Developmental Neuroscience</i> , <b>2011</b> , 29, 365-75	2.7	60
31	Community resilience, quality childcare, and preschoolers' mental health: a three-city comparison. <i>Social Science and Medicine</i> , <b>2011</b> , 73, 1080-7	5.1	10

30	School Accountability and Assessment: Should We Put the Roof Up First?. <i>Educational Forum</i> , <b>2011</b> , 75, 114-128	0.7	10
29	Mirror Neurons and Visuo-Motor Images in Children: A Meta-Analysis of Piaget and Inhelder's Data. <i>Imagination, Cognition and Personality</i> , <b>2011</b> , 31, 129-142	0.8	
28	The Depiction of Wheels by Blind Children: Preliminary Studies on Pictorial Metaphors, Language, and Embodied Imagery. <i>Imagination, Cognition and Personality</i> , <b>2011</b> , 31, 113-128	0.8	2
27	School Start Times and the Sleep/Wake Cycle of Adolescents: A Review and Critical Evaluation of Available Evidence. <i>Educational Researcher</i> , <b>2011</b> , 40, 56-61	4.8	45
26	Early specialized foster care, developmental outcomes and home salivary cortisol patterns in prenatally substance-exposed infants. <i>Children and Youth Services Review</i> , <b>2010</b> , 32, 460-465	2	6
25	Rural-urban migration patterns and mental health diagnoses of adolescents and young adults in British Columbia, Canada: a case-control study. <i>Child and Adolescent Psychiatry and Mental Health</i> , <b>2010</b> , 4, 13	6.8	15
24	Emergence and transmission of visual awareness through optical coding in the brain: A redox molecular hypothesis on visual mental imagery. <i>Bioscience Hypotheses</i> , <b>2009</b> , 2, 226-232		10
23	Response to Reply to Li, D'Angiulli, and Kendall: The Early Development Index and children from culturally and linguistically diverse backgrounds by Janus, Hertzman, Guhn, Brinkman, and Goldfeld. <i>Early Years</i> , <b>2009</b> , 29, 89-92	0.6	4
22	Population-level associations between preschool vulnerability and grade-four basic skills. <i>PLoS ONE</i> , <b>2009</b> , 4, e7692	3.7	19
21	Children's event-related potentials of auditory selective attention vary with their socioeconomic status. <i>Neuropsychology</i> , <b>2008</b> , 22, 293-300	3.8	117
20	Is the Spotlight an Obsolete Metaphor of Seeing with the Mind's Eye? A Constructive Naturalistic Approach to the Inspection of Visual Mental Images. <i>Imagination, Cognition and Personality</i> , <b>2008</b> , 28, 117-135	0.8	5
19	Structural equivalences are essential, pictorial conventions are not: Evidence from haptic drawing development in children born completely blind.. <i>Psychology of Aesthetics, Creativity, and the Arts</i> , <b>2008</b> , 2, 20-33	4.9	4
18	The Early Development Index and children from culturally and linguistically diverse backgrounds. <i>Early Years</i> , <b>2007</b> , 27, 221-235	0.6	13
17	Raised-Line Pictures, Blindness, and Tactile Beliefs—An Observational Case Study. <i>Journal of Visual Impairment and Blindness</i> , <b>2007</b> , 101, 172-177	0.7	8
16	The Relationship between Self-Reported Vividness and Latency during Mental Size Scaling of Everyday Items: Phenomenological Evidence of Different Types of Imagery. <i>American Journal of Psychology</i> , <b>2007</b> , 120, 521	0.5	17
15	The relationship between self-reported vividness and latency during mental size scaling of everyday items: phenomenological evidence of different types of imagery. <i>American Journal of Psychology</i> , <b>2007</b> , 120, 521-51	0.5	17
14	Electroencephalographic correlates of prenatal exposure to alcohol in infants and children: a review of findings and implications for neurocognitive development. <i>Alcohol</i> , <b>2006</b> , 40, 127-33	2.7	15
13	Literacy Instruction, SES, and Word-Reading Achievement in English-Language Learners and Children with English as a First Language: A Longitudinal Study. <i>Learning Disabilities Research and Practice</i> , <b>2004</b> , 19, 202-213	0.8	69

12	Schooling, Socioeconomic Context and Literacy Development. <i>Educational Psychology</i> , <b>2004</b> , 24, 867-883.	2.2	29
11	The depiction of car light beams in a child born completely blind. <i>Perception</i> , <b>2004</b> , 33, 419-28	1.2	3
10	Effects of Neighborhood Socioeconomic Characteristics and Class Composition on Highly Competent Children. <i>Journal of Educational Research</i> , <b>2004</b> , 98, 109-114	1.1	6
9	Cognitive functioning as measured by the WISC-R: do children with learning disabilities have distinctive patterns of performance?. <i>Journal of Learning Disabilities</i> , <b>2003</b> , 36, 48-58	2.7	50
8	Development of drawing abilities in a distinct population: Depiction of perceptual principles by three children with congenital total blindness. <i>International Journal of Behavioral Development</i> , <b>2003</b> , 27, 193-200	2.6	14
7	Probing Vividness Increment through Imagery Interruption. <i>Imagination, Cognition and Personality</i> , <b>2003</b> , 23, 63-78	0.8	3
6	Dissociating Vividness and Imageability. <i>Imagination, Cognition and Personality</i> , <b>2003</b> , 23, 79-88	0.8	6
5	Mental image generation and the contrast sensitivity function. <i>Cognition</i> , <b>2002</b> , 85, B11-9	3.5	9
4	Generating visual mental images: latency and vividness are inversely related. <i>Memory and Cognition</i> , <b>2002</b> , 30, 1179-88	2.2	22
3	On boredom and experimentation in humans. <i>Ethics and Behavior</i> , <b>2002</b> , 12, 167-76	1.4	3
2	Enhanced tactile encoding and memory recognition in congenital blindness. <i>International Journal of Rehabilitation Research</i> , <b>2002</b> , 25, 143-5	1.8	22
1	The development of reading in English and Italian in bilingual children. <i>Applied Psycholinguistics</i> , <b>2001</b> , 22, 479-507	1.4	82