

Amedeo D Angiulli

List of Publications by Citations

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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	Vividness of visual imagery and incidental recall of verbal cues, when phenomenological availability reflects long-term memory accessibility. <i>Frontiers in Psychology</i> , 2013 , 4, 1	3.4	982
82	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 Alzheimer's Disease</i> , 2012 , 28, 93-107	4.3	193
81	Exposure to severe urban air pollution influences cognitive outcomes, brain volume and systemic inflammation in clinically healthy children. <i>Brain and Cognition</i> , 2011 , 77, 345-55	2.7	188
80	Children's event-related potentials of auditory selective attention vary with their socioeconomic status. <i>Neuropsychology</i> , 2008 , 22, 293-300	3.8	117
79	How air pollution alters brain development: the role of neuroinflammation. <i>Translational Neuroscience</i> , 2016 , 7, 24-30	1.2	89
78	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 Alzheimer's Disease</i> , 2015 , 43, 1039-58	4.3	86
77	The development of reading in English and Italian in bilingual children. <i>Applied Psycholinguistics</i> , 2001 , 22, 479-507	1.4	82
76	White matter hyperintensities, systemic inflammation, brain growth, and cognitive functions in children exposed to air pollution. <i>Journal of Alzheimer's Disease</i> , 2012 , 31, 183-91	4.3	75
75	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact. <i>Environmental Research</i> , 2015 , 137, 157-69	7.9	74
74	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> , 2004 , 19, 202-213	0.8	69
73	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein 4 Children Exposed to Air Pollution. <i>Journal of Alzheimer's Disease</i> , 2015 , 45, 757-70	4.3	61
72	Air pollution is associated with brainstem auditory nuclei pathology and delayed brainstem auditory evoked potentials. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 365-75	2.7	60
71	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> , 2015 , 140, 579-92	7.9	58
70	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> , 2014 , 8, 613	3.3	51
69	Cognitive functioning as measured by the WISC-R: do children with learning disabilities have distinctive patterns of performance?. <i>Journal of Learning Disabilities</i> , 2003 , 36, 48-58	2.7	50
68	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> , 2013 , 7, 183	5.1	48
67	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> , 2016 , 150, 411-422	7.9	46

66	School Start Times and the Sleep/Wake Cycle of Adolescents: A Review and Critical Evaluation of Available Evidence. <i>Educational Researcher</i> , 2011 , 40, 56-61	4.8	45
65	[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> , 2016 , 22, 853-69	2.7	34
64	Explicit and implicit issues in the developmental cognitive neuroscience of social inequality. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 254	3.3	34
63	Schooling, Socioeconomic Context and Literacy Development. <i>Educational Psychology</i> , 2004 , 24, 867-883	2.2	29
62	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> , 2012 , 6, 306	3.3	28
61	Perceived Stress and Canadian Early Childcare Educators. <i>Child and Youth Care Forum</i> , 2013 , 42, 53-70	2.4	27
60	Flavonol-rich dark cocoa significantly decreases plasma endothelin-1 and improves cognition in urban children. <i>Frontiers in Pharmacology</i> , 2013 , 4, 104	5.6	23
59	Generating visual mental images: latency and vividness are inversely related. <i>Memory and Cognition</i> , 2002 , 30, 1179-88	2.2	22
58	Enhanced tactile encoding and memory recognition in congenital blindness. <i>International Journal of Rehabilitation Research</i> , 2002 , 25, 143-5	1.8	22
57	Attending, learning, and socioeconomic disadvantage: developmental cognitive and social neuroscience of resilience and vulnerability. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1396, 19-38	6.5	21
56	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> , 2018 , 191, 138-145	3.5	21
55	Population-level associations between preschool vulnerability and grade-four basic skills. <i>PLoS ONE</i> , 2009 , 4, e7692	3.7	19
54	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> , 2007 , 120, 521	0.5	17
53	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> , 2007 , 120, 521-51	0.5	17
52	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> , 2018 , 6, 95	6	15
51	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> , 2010 , 4, 13	6.8	15
50	Electroencephalographic correlates of prenatal exposure to alcohol in infants and children: a review of findings and implications for neurocognitive development. <i>Alcohol</i> , 2006 , 40, 127-33	2.7	15
49	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> , 2018 , 2018, 7169583	3.3	15

48	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> , 2003 , 27, 193-200	2.6	14
47	The Early Development Index and children from culturally and linguistically diverse backgrounds. <i>Early Years</i> , 2007 , 27, 221-235	0.6	13
46	Neural correlates of visualizations of concrete and abstract words in preschool children: a developmental embodied approach. <i>Frontiers in Psychology</i> , 2015 , 6, 856	3.4	12
45	Event-related potential signatures of perceived and imagined emotional and food real-life photos. <i>Neuroscience Bulletin</i> , 2015 , 31, 317-30	4.3	11
44	Meta-analytic comparison of trial- versus questionnaire-based vividness reportability across behavioral, cognitive and neural measurements of imagery. <i>Neuroscience of Consciousness</i> , 2017 , 2017, nix006	3.3	11
43	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> , 2017 , 158, 324-332	7.9	10
42	Community resilience, quality childcare, and preschoolers' mental health: a three-city comparison. <i>Social Science and Medicine</i> , 2011 , 73, 1080-7	5.1	10
41	Emergence and transmission of visual awareness through optical coding in the brain: A redox molecular hypothesis on visual mental imagery. <i>Bioscience Hypotheses</i> , 2009 , 2, 226-232		10
40	School Accountability and Assessment: Should We Put the Roof Up First?. <i>Educational Forum</i> , 2011 , 75, 114-128	0.7	10
39	Mental image generation and the contrast sensitivity function. <i>Cognition</i> , 2002 , 85, B11-9	3.5	9
38	Raised-Line Pictures, Blindness, and Tactile Beliefs—An Observational Case Study. <i>Journal of Visual Impairment and Blindness</i> , 2007 , 101, 172-177	0.7	8
37	Early specialized foster care, developmental outcomes and home salivary cortisol patterns in prenatally substance-exposed infants. <i>Children and Youth Services Review</i> , 2010 , 32, 460-465	2	6
36	Dissociating Vividness and Imageability. <i>Imagination, Cognition and Personality</i> , 2003 , 23, 79-88	0.8	6
35	Effects of Neighborhood Socioeconomic Characteristics and Class Composition on Highly Competent Children. <i>Journal of Educational Research</i> , 2004 , 98, 109-114	1.1	6
34	El Sistema-inspired ensemble music training is associated with changes in children's neurocognitive functional integration: preliminary ERP evidence. <i>Neurocase</i> , 2016 , 22, 538-547	0.8	5
33	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> , 2012 , 53, 112-8 ²	2.2	5
32	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> , 2008 , 28, 117-135	0.8	5
31	Systematic Review on the Safety and Tolerability of Transcranial Direct Current Stimulation in Children and Adolescents. <i>Brain Sciences</i> , 2021 , 11,	3.4	5

30	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> , 2009 , 29, 89-92	0.6	4
29	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> , 2008 , 2, 20-33	4.9	4
28	Acceptability of transcranial direct current stimulation in children and adolescents with ADHD: The point of view of parents. <i>Journal of Health Psychology</i> , 2020 , 1359105320937059	3.1	4
27	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> , 2019 , 13, 4	3.5	3
26	How neuroendocrinology can contribute to early childhood education and care: Cortisol as a supplementary indicator of quality. <i>Prospects</i> , 2016 , 46, 281-299	4.8	3
25	The social emotional developmental and cognitive neuroscience of socioeconomic gradients: laboratory, population, cross-cultural and community developmental approaches. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 788	3.3	3
24	Probing Vividness Increment through Imagery Interruption. <i>Imagination, Cognition and Personality</i> , 2003 , 23, 63-78	0.8	3
23	The depiction of car light beams in a child born completely blind. <i>Perception</i> , 2004 , 33, 419-28	1.2	3
22	On boredom and experimentation in humans. <i>Ethics and Behavior</i> , 2002 , 12, 167-76	1.4	3
21	Imagery-Mediated Verbal Learning Depends on Vividness-Familiarity Interactions: The Possible Role of Dualistic Resting State Network Activity Interference. <i>Brain Sciences</i> , 2019 , 9,	3.4	2
20	Trial-by-Trial Vividness Self-Reports Versus VVIQ: A Meta-Analytic Comparison of Behavioral, Cognitive and Neurological Correlations. <i>Imagination, Cognition and Personality</i> , 2015 , 35, 137-165	0.8	2
19	Evaluating Preschool Visual Attentional Selective-Set: Preliminary ERP Modeling and Simulation of Target Enhancement Homology. <i>Brain Sciences</i> , 2020 , 10,	3.4	2
18	The Depiction of Wheels by Blind Children: Preliminary Studies on Pictorial Metaphors, Language, and Embodied Imagery. <i>Imagination, Cognition and Personality</i> , 2011 , 31, 113-128	0.8	2
17	Commercial wireless versus standard stationary EEG systems for personalized emotional brain-computer interfaces: a preliminary reliability check 2019 , 2, 7-15		2
16	Associations between physical activity, sedentary time and social-emotional functioning in young children. <i>Mental Health and Physical Activity</i> , 2021 , 21, 100422	5	2
15	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> , 2015 , 47, 94-95	2.7	1
14	From Schools to Scans: A Neuroeducational Approach to Comorbid Math and Reading Disabilities. <i>Frontiers in Public Health</i> , 2020 , 8, 469	6	1
13	ISDN2014_0318: Practicing self-regulation through music: An ERP study comparing child musicians and nonmusicians. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 97-97	2.7	1

12	Insights from a Bibliometric Analysis of Vividness and Its Links with Consciousness and Mental Imagery. <i>Brain Sciences</i> , 2020 , 10,	3.4	1
11	Neurofunctional Symmetries and Asymmetries during Voluntary out-of- and within-Body Vivid Imagery Concurrent with Orienting Attention and Visuospatial Detection. <i>Symmetry</i> , 2021 , 13, 1549	2.7	1
10	Screen time is independently associated with serum brain-derived neurotrophic factor (BDNF) in youth with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1083-1090	3	1
9	The role of neuroinflammation in developmental neurotoxicity, tackling complexity in children's exposures and outcomes. <i>Advances in Neurotoxicology</i> , 2019 , 223-257	1.6	0
8	EEG Power Band Asymmetries in Children with and without Classical Ensemble Music Training. <i>Symmetry</i> , 2022 , 14, 538	2.7	0
7	ISDN2014_0151: Attentional processes, cortisol and emotional states in preadolescent children from different socioeconomic status. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 44-44	2.7	
6	ISDN2014_0308: Socioeconomic neurogradients of attention. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 93-94	2.7	
5	ISDN2014_0148: Socioeconomic status, brain development and neuroethics: Evidence-based agendas for next decade's developmental neuroscience. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 43-43	2.7	
4	ISDN2014_0149: Air pollution, brain and neurocognitive development in healthy children in Mexico City. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 43-43	2.7	
3	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> , 2013 , 32, 59-78	0.5	
2	Mirror Neurons and Visuo-Motor Images in Children: A Meta-Analysis of Piaget and Inhelder's Data. <i>Imagination, Cognition and Personality</i> , 2011 , 31, 129-142	0.8	
1	Frameworks are pretty on paper but often do not fit reality: Reply to Lemyre et al. <i>Journal of Perinatology</i> , 2016 , 36, 1138-1139	3.1	