

Amedeo D'Angiulli

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

4,153
citations

201674

27
h-index

118850

62
g-index

103
all docs

103
docs citations

103
times ranked

5738
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	1,504
2	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, 345-355.	1.8	256
3	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.	2.6	234
4	How air pollution alters brain development: the role of neuroinflammation. <i>Translational Neuroscience</i> , 2016, 7, 24-30.	1.4	149
5	Children's event-related potentials of auditory selective attention vary with their socioeconomic status.. <i>Neuropsychology</i> , 2008, 22, 293-300.	1.3	144
6	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> , 2014, 43, 1039-1058.	2.6	110
7	The development of reading in English and Italian in bilingual children. <i>Applied Psycholinguistics</i> , 2001, 22, 479-507.	1.1	104
8	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact. <i>Environmental Research</i> , 2015, 137, 157-169.	7.5	101
9	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, 183-191.	2.6	95
10	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.	1.1	78
11	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein $\hat{\mu}$ 4 Children Exposed to Air Pollution. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 757-770.	2.6	78
12	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, 579-592.	7.5	77
13	Air pollution is associated with brainstem auditory nuclei pathology and delayed brainstem auditory evoked potentials. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 365-375.	1.6	72
14	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.	7.5	68
15	Brain immune interactions and air pollution: macrophage inhibitory factor (MIF), prion cellular protein (PrPC), 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.	2.8	64
16	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.	2.0	63
17	Cognitive Functioning as Measured by the WISC-R. <i>Journal of Learning Disabilities</i> , 2003, 36, 48-58.	2.2	58
18	School Start Times and the Sleep-Wake Cycle of Adolescents. <i>Educational Researcher</i> , 2011, 40, 56-61.	5.4	58

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19	Explicit and implicit issues in the developmental cognitive neuroscience of social inequality. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 254.	2.0	46
20	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, 853-869.	1.3	46
21	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.	2.0	38
22	Schooling, Socioeconomic Context and Literacy Development. <i>Educational Psychology</i> , 2004, 24, 867-883.	2.7	34
23	Perceived Stress and Canadian Early Childcare Educators. <i>Child and Youth Care Forum</i> , 2013, 42, 53-70.	1.6	33
24	Enhanced tactile encoding and memory recognition in congenital blindness. <i>International Journal of Rehabilitation Research</i> , 2002, 25, 143-145.	1.3	31
25	Generating visual mental images: Latency and vividness are inversely related. <i>Memory and Cognition</i> , 2002, 30, 1179-1188.	1.6	30
26	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.	3.8	30
27	Flavonol-rich dark cocoa significantly decreases plasma endothelin-1 and improves cognition in urban children. <i>Frontiers in Pharmacology</i> , 2013, 4, 104.	3.5	27
28	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, 521-551.	0.3	26
29	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.	2.1	26
30	Systematic Review on the Safety and Tolerability of Transcranial Direct Current Stimulation in Children and Adolescents. <i>Brain Sciences</i> , 2021, 11, 212.	2.3	25
31	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.	2.7	24
32	Population-Level Associations between Preschool Vulnerability and Grade-Four Basic Skills. <i>PLoS ONE</i> , 2009, 4, e7692.	2.5	22
33	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, 127-133.	1.7	21
34	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, 1-8.	2.2	20
35	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.	2.5	19
36	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.	2.6	19

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37	Neural correlates of visualizations of concrete and abstract words in preschool children: a developmental embodied approach. <i>Frontiers in Psychology</i> , 2015, 6, 856.	2.1	18
38	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.	2.4	17
39	The Early Development Index and children from culturally and linguistically diverse backgrounds. <i>Early Years</i> , 2007, 27, 221-235.	1.0	17
40	Event-related potential signatures of perceived and imagined emotional and food real-life photos. <i>Neuroscience Bulletin</i> , 2015, 31, 317-330.	2.9	17
41	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.	0.3	17
42	Exposures to fine particulate matter (PM2.5) 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.	7.5	15
43	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	11
44	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.	0.2	11
45	School Accountability and Assessment: Should We Put the Roof Up First?. <i>Educational Forum</i> , 2011, 75, 114-128.	1.8	11
46	Acceptability of transcranial direct current stimulation in children and adolescents with ADHD: The point of view of parents. <i>Journal of Health Psychology</i> , 2022, 27, 36-46.	2.3	11
47	Mental image generation and the contrast sensitivity function. <i>Cognition</i> , 2002, 85, B11-B19.	2.2	10
48	Community resilience, quality childcare, and preschoolers' mental health: A three-city comparison. <i>Social Science and Medicine</i> , 2011, 73, 1080-1087.	3.8	10
49	From Schools to Scans: A Neuroeducational Approach to Comorbid Math and Reading Disabilities. <i>Frontiers in Public Health</i> , 2020, 8, 469.	2.7	9
50	Dissociating Vividness and Imageability. <i>Imagination, Cognition and Personality</i> , 2003, 23, 79-88.	0.9	8
51	On Boredom and Experimentation in Humans. <i>Ethics and Behavior</i> , 2002, 12, 167-176.	1.8	7
52	Trial-by-Trial Vividness Self-Reports Versus VVIQ. <i>Imagination, Cognition and Personality</i> , 2015, 35, 137-165.	0.9	7
53	Evaluating Preschool Visual Attentional Selective-Set: Preliminary ERP Modeling and Simulation of Target Enhancement Homology. <i>Brain Sciences</i> , 2020, 10, 124.	2.3	7
54	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.	1.9	7

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55	Probing Vividness Increment through Imagery Interruption. <i>Imagination, Cognition and Personality</i> , 2003, 23, 63-78.	0.9	6
56	Effects of Neighborhood Socioeconomic Characteristics and Class Composition on Highly Competent Children. <i>Journal of Educational Research</i> , 2004, 98, 109-114.	1.6	6
57	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.	0.9	6
58	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.	1.3	6
59	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.	1.0	6
60	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.	1.9	6
61	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.	0.6	6
62	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, 143.	2.3	6
63	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.	2.1	6
64	Commercial wireless versus standard stationary EEG systems for personalized emotional brain-computer interfaces: a preliminary reliability check. <i>Neuroscience Research Notes</i> , 2019, 2, 7-15.	0.8	6
65	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, 112-118.	1.5	5
66	What Do We Know about Transcranial Direct Current Stimulation for Major Depression?. <i>Brain Sciences</i> , 2020, 10, 480.	2.3	5
67	The Depiction of Car Light Beams in a Child Born Completely Blind. <i>Perception</i> , 2004, 33, 419-428.	1.2	4
68	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.	0.9	4
69	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.	2.0	4
70	Current research topics in embodied social cognition. <i>Cognitive Processing</i> , 2014, 15, 235-236.	1.4	4
71	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.	2.2	4
72	Insights from a Bibliometric Analysis of Vividness and Its Links with Consciousness and Mental Imagery. <i>Brain Sciences</i> , 2020, 10, 41.	2.3	4

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73	How neuroendocrinology can contribute to early childhood education and care: Cortisol as a supplementary indicator of quality. Prospects, 2016, 46, 281-299.	2.3	3
74	Promise for Personalized Diagnosis? Assessing the Precision of Wireless Consumer-Grade Electroencephalography across Mental States. Applied Sciences (Switzerland), 2022, 12, 6430.	2.5	3
75	Associations between physical activity, sedentary time and social-emotional functioning in young children. Mental Health and Physical Activity, 2021, 21, 100422.	1.8	2
76	EEG Power Band Asymmetries in Children with and without Classical Ensemble Music Training. Symmetry, 2022, 14, 538.	2.2	2
77	TMS, phosphenes and visual mental imagery: A mini-review and a theoretical framework. Nature Precedings, 2009, , .	0.1	1
78	Chopped Arms & Big Macs: ERP Correlates of Viewing and Imagining Aversive and Food Photos. Nature Precedings, 2010, , .	0.1	1
79	Cognitive Sciences and Child Poverty: Facts and Challenges. Nature Precedings, 2010, , .	0.1	1
80	ISDN2014_0318: Practicing self-regulation through music: An ERP study comparing child musicians and nonmusicians. International Journal of Developmental Neuroscience, 2015, 47, 97-97.	1.6	1
81	ISDN2014_0311: Cognition and language development in different socioeconomic and environmental settings: A review from Developmental Cognitive Neuroscience. International Journal of Developmental Neuroscience, 2015, 47, 94-95.	1.6	1
82	The role of neuroinflammation in developmental neurotoxicity, tackling complexity in children's exposures and outcomes. Advances in Neurotoxicology, 2019, , 223-257.	1.9	1
83	Vividness, Consciousness and Mental Imagery: A Start on Connecting the Dots. Brain Sciences, 2020, 10, 500.	2.3	1
84	Is the new cognitive neuroscience of social inequality equal? Deconstructing the current neurocognitive research on children's attention. Nature Precedings, 2010, , .	0.1	0
85	Mirror Neurons and Visuo-Motor Images in Children: A Meta-Analysis of Piaget and Inhelder's Data. Imagination, Cognition and Personality, 2011, 31, 129-142.	0.9	0
86	Paternal Work Stress and the Mental Health of Fathers and Children: A Role for Urban and Rural Migration Patterns. Canadian Journal of Community Mental Health, 2013, 32, 59-78.	0.4	0
87	ISDN2014_0151: Attentional processes, cortisol and emotional states in preadolescent children from different socioeconomic status. International Journal of Developmental Neuroscience, 2015, 47, 44-44.	1.6	0
88	ISDN2014_0308: Socioeconomic neurogradients of attention. International Journal of Developmental Neuroscience, 2015, 47, 93-94.	1.6	0
89	ISDN2014_0148: Socioeconomic status, brain development and neuroethics: Evidence-based agendas for next decade's developmental neuroscience. International Journal of Developmental Neuroscience, 2015, 47, 43-43.	1.6	0
90	ISDN2014_0149: Air pollution, brain and neurocognitive development in healthy children in Mexico City. International Journal of Developmental Neuroscience, 2015, 47, 43-43.	1.6	0

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91	Frameworks are pretty on paper but often do not fit reality: Reply to Lemyre et al.. Journal of Perinatology, 2016, 36, 1138-1139.	2.0	0
92	Editorsâ€™ Statement. Imagination, Cognition and Personality, 2019, 39, 3-4.	0.9	0
93	Editorial: Pre- or Post- School Influences on Learning Adaptations, Risks and Disabilities in Children and Adolescents: Overlapping Challenges for Public Health, Education and Development. Frontiers in Public Health, 2021, 9, 651179.	2.7	0
94	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein $\hat{\mu}4$ Children Exposed to Air Pollution. Advances in Alzheimer's Disease, 2021, , .	0.2	0
95	Experimental phenomenology meets brain information processing: Vividness of voluntary imagery, consciousness of the present, and priming.. Psychology of Consciousness: Theory Research, and Practice, 2021, 8, 397-418.	0.4	0