Amedeo D'Angiulli

List of Publications by Year
in descending order

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95 papers	4,153 citations	201385 27 h-index	118652 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. Frontiers in Psychology, 2013, 4, 1.	1.1	1,504
2	Exposure to severe urban air pollution influences cognitive outcomes, brain volume and systemic inflammation in clinically healthy children. Brain and Cognition, 2011, 77, 345-355.	0.8	256
3	Neuroinflammation, Hyperphosphorylated Tau, Diffuse Amyloid Plaques, and Down-Regulation of the Cellular Prion Protein in Air Pollution Exposed Children and Young Adults. Journal of Alzheimer's Disease, 2012, 28, 93-107.	1.2	234
4	How air pollution alters brain development: the role of neuroinflammation. Translational Neuroscience, 2016, 7, 24-30.	0.7	149
5	Children's event-related potentials of auditory selective attention vary with their socioeconomic status.. Neuropsychology, 2008, 22, 293-300.	1.0	144
6	Air Pollution and Children: Neural and Tight Junction Antibodies and Combustion Metals, the Role of Barrier Breakdown and Brain Immunity in Neurodegeneration. Journal of Alzheimer's Disease, 2014, 43, 1039-1058.	1.2	110
7	The development of reading in English and Italian in bilingual children. Applied Psycholinguistics, 2001, 22, 479-507.	0.8	104
8	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact. Environmental Research, 2015, 137, 157-169.	3.7	101
9	White Matter Hyperintensities, Systemic Inflammation, Brain Growth, and Cognitive Functions in Children Exposed to Air Pollution. Journal of Alzheimer's Disease, 2012, 31, 183-191.	1.2	95
10	Literacy Instruction, SES, and Word-Reading Achievement in English-Language Learners and Children with English as a First Language: A Longitudinal Study. Learning Disabilities Research and Practice, 2004, 19, 202-213.	0.9	78
11	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein Îµ4 Children Exposed to Air Pollution. Journal of Alzheimer's Disease, 2015, 45, 757-770.	1.2	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. Environmental Research, 2015, 140, 579-592.	3.7	77
13	Air pollution is associated with brainstem auditory nuclei pathology and delayed brainstem auditory evoked potentials. International Journal of Developmental Neuroscience, 2011, 29, 365-375.	0.7	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. Environmental Research, 2016, 150, 411-422.	3.7	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. Frontiers in Neuroscience, 2013, 7, 183.	1.4	64
16	Air pollution and detrimental effects on childrenÃ¢â‚¬â„¢s brain. The need for a multidisciplinary approach to the issue complexity and challenges. Frontiers in Human Neuroscience, 2014, 8, 613.	1.0	63
17	Cognitive Functioning as Measured by the WISC-R. Journal of Learning Disabilities, 2003, 36, 48-58.	1.5	58
18	School Start Times and the Sleepâ€“Wake Cycle of Adolescents. Educational Researcher, 2011, 40, 56-61.	3.3	58

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19	Explicit and implicit issues in the developmental cognitive neuroscience of social inequality. Frontiers in Human Neuroscience, 2012, 6, 254.	1.0	46
20	Higher cortisol is associated with poorer executive functioning in preschool children: The role of parenting stress, parent coping and quality of daycare. Child Neuropsychology, 2016, 22, 853-869.	0.8	46
21	Frontal EEG/ERP correlates of attentional processes, cortisol and motivational states in adolescents from lower and higher socioeconomic status. Frontiers in Human Neuroscience, 2012, 6, 306.	1.0	38
22	Schooling, Socioeconomic Context and Literacy Development. Educational Psychology, 2004, 24, 867-883.	1.2	34
23	Perceived Stress and Canadian Early Childcare Educators. Child and Youth Care Forum, 2013, 42, 53-70.	0.9	33
24	Enhanced tactile encoding and memory recognition in congenital blindness. International Journal of Rehabilitation Research, 2002, 25, 143-145.	0.7	31
25	Generating visual mental images: Latency and vividness are inversely related. Memory and Cognition, 2002, 30, 1179-1188.	0.9	30
26	Attending, learning, and socioeconomic disadvantage: developmental cognitive and social neuroscience of resilience and vulnerability. Annals of the New York Academy of Sciences, 2017, 1396, 19-38.	1.8	30
27	Flavonol-rich dark cocoa significantly decreases plasma endothelin-1 and improves cognition in urban children. Frontiers in Pharmacology, 2013, 4, 104.	1.6	27
28	The Relationship between Self-Reported Vividness and Latency during Mental Size Scaling of Everyday Items: Phenomenological Evidence of Different Types of Imagery. American Journal of Psychology, 2007, 120, 521-551.	0.5	26
29	Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. Physiology and Behavior, 2018, 191, 138-145.	1.0	26
30	Systematic Review on the Safety and Tolerability of Transcranial Direct Current Stimulation in Children and Adolescents. Brain Sciences, 2021, 11, 212.	1.1	25
31	Severe Urban Outdoor Air Pollution and Childrenâ€™s Structural and Functional Brain Development, From Evidence to Precautionary Strategic Action. Frontiers in Public Health, 2018, 6, 95.	1.3	24
32	Population-Level Associations between Preschool Vulnerability and Grade-Four Basic Skills. PLoS ONE, 2009, 4, e7692.	1.1	22
33	Electroencephalographic correlates of prenatal exposure to alcohol in infants and children: a review of findings and implications for neurocognitive development. Alcohol, 2006, 40, 127-133.	0.8	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. Neural Plasticity, 2018, 2018, 1-8.	1.0	20
35	Rural-urban migration patterns and mental health diagnoses of adolescents and young adults in British Columbia, Canada: a case-control study. Child and Adolescent Psychiatry and Mental Health, 2010, 4, 13.	1.2	19
36	Meta-analytic comparison of trial- versus questionnaire-based vividness reportability across behavioral, cognitive and neural measurements of imagery. Neuroscience of Consciousness, 2017, 2017, nix006.	1.4	19

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37	Neural correlates of visualizations of concrete and abstract words in preschool children: a developmental embodied approach. Frontiers in Psychology, 2015, 6, 856.	1.1	18
38	Development of drawing abilities in a distinct population: Depiction of perceptual principles by three children with congenital total blindness. International Journal of Behavioral Development, 2003, 27, 193-200.	1.3	17
39	The Early Development Index and children from culturally and linguistically diverse backgrounds. Early Years, 2007, 27, 221-235.	0.6	17
40	Event-related potential signatures of perceived and imagined emotional and food real-life photos. Neuroscience Bulletin, 2015, 31, 317-330.	1.5	17
41	The relationship between self-reported vividness and latency during mental size scaling of everyday items: phenomenological evidence of different types of imagery. American Journal of Psychology, 2007, 120, 521-51.	0.5	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. Environmental Research, 2017, 158, 324-332.	3.7	15
43	Raised-Line Pictures, Blindness, and Tactile â€œBeliefsâ€• An Observational Case Study. Journal of Visual Impairment and Blindness, 2007, 101, 172-177.	0.4	11
44	Emergence and transmission of visual awareness through optical coding in the brain: A redox molecular hypothesis on visual mental imagery. Bioscience Hypotheses, 2009, 2, 226-232.	0.2	11
45	School Accountability and Assessment: Should We Put the Roof Up First?. Educational Forum, 2011, 75, 114-128.	0.9	11
46	Acceptability of transcranial direct current stimulation in children and adolescents with ADHD: The point of view of parents. Journal of Health Psychology, 2022, 27, 36-46.	1.3	11
47	Mental image generation and the contrast sensitivity function. Cognition, 2002, 85, B11-B19.	1.1	10
48	Community resilience, quality childcare, and preschoolersâ€™ mental health: A three-city comparison. Social Science and Medicine, 2011, 73, 1080-1087.	1.8	10
49	From Schools to Scans: A Neuroeducational Approach to Comorbid Math and Reading Disabilities. Frontiers in Public Health, 2020, 8, 469.	1.3	9
50	Dissociating Vividness and Imageability. Imagination, Cognition and Personality, 2003, 23, 79-88.	0.5	8
51	On Boredom and Experimentation in Humans. Ethics and Behavior, 2002, 12, 167-176.	1.3	7
52	Trial-by-Trial Vividness Self-Reports Versus VVIQ. Imagination, Cognition and Personality, 2015, 35, 137-165.	0.5	7
53	Evaluating Preschool Visual Attentional Selective-Set: Preliminary ERP Modeling and Simulation of Target Enhancement Homology. Brain Sciences, 2020, 10, 124.	1.1	7
54	Screen time is independently associated with serum brain-derived neurotrophic factor (BDNF) in youth with obesity. Applied Physiology, Nutrition and Metabolism, 2021, 46, 1083-1090.	0.9	7

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55	Probing Vividness Increment through Imagery Interruption. Imagination, Cognition and Personality, 2003, 23, 63-78.	0.5	6
56	Effects of Neighborhood Socioeconomic Characteristics and Class Composition on Highly Competent Children. Journal of Educational Research, 2004, 98, 109-114.	0.8	6
57	Is the Spotlight an Obsolete Metaphor of â€œSeeing with the Mind's Eyeâ€œ? A Constructive Naturalistic Approach to the Inspection of Visual Mental Images. Imagination, Cognition and Personality, 2008, 28, 117-135.	0.5	6
58	Structural equivalences are essential, pictorial conventions are not: Evidence from haptic drawing development in children born completely blind.. Psychology of Aesthetics, Creativity, and the Arts, 2008, 2, 20-33.	1.0	6
59	Response to â€˜Reply to Li, D'Angiulli, and Kendall: The Early Development Index and children from culturally and linguistically diverse backgroundsâ€™ by Janus, Hertzman, Guhn, Brinkman, and Goldfeld. Early Years, 2009, 29, 89-92.	0.6	6
60	Early specialized foster care, developmental outcomes and home salivary cortisol patterns in prenatally substance-exposed infants. Children and Youth Services Review, 2010, 32, 460-465.	1.0	6
61	El Sistema-inspired ensemble music training is associated with changes in childrenâ€™s neurocognitive functional integration: preliminary ERP evidence. Neurocase, 2016, 22, 538-547.	0.2	6
62	Imagery-Mediated Verbal Learning Depends on Vividnessâ€“Familiarity Interactions: The Possible Role of Dualistic Resting State Network Activity Interference. Brain Sciences, 2019, 9, 143.	1.1	6
63	Retooling Computational Techniques for EEG-Based Neurocognitive Modeling of Children's Data, Validity and Prospects for Learning and Education. Frontiers in Computational Neuroscience, 2019, 13, 4.	1.2	6
64	Commercial wireless versus standard stationary EEG systems for personalized emotional brain-computer interfaces: a preliminary reliability check. Neuroscience Research Notes, 2019, 2, 7-15.	0.5	6
65	The effects of interference on recognition of haptic pictures in blindfolded sighted participants: The modality of representation of haptic information. Scandinavian Journal of Psychology, 2012, 53, 112-118.	0.8	5
66	What Do We Know about Transcranial Direct Current Stimulation for Major Depression?. Brain Sciences, 2020, 10, 480.	1.1	5
67	The Depiction of Car Light Beams in a Child Born Completely Blind. Perception, 2004, 33, 419-428.	0.5	4
68	The Depiction of Wheels by Blind Children: Preliminary Studies on Pictorial Metaphors, Language, and Embodied Imagery. Imagination, Cognition and Personality, 2011, 31, 113-128.	0.5	4
69	The social emotional developmental and cognitive neuroscience of socioeconomic gradients: laboratory, population, cross-cultural and community developmental approaches. Frontiers in Human Neuroscience, 2013, 7, 788.	1.0	4
70	Current research topics in embodied social cognition. Cognitive Processing, 2014, 15, 235-236.	0.7	4
71	Neurofunctional Symmetries and Asymmetries during Voluntary out-of- and within-Body Vivid Imagery Concurrent with Orienting Attention and Visuospatial Detection. Symmetry, 2021, 13, 1549.	1.1	4
72	Insights from a Bibliometric Analysis of Vividness and Its Links with Consciousness and Mental Imagery. Brain Sciences, 2020, 10, 41.	1.1	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.	1.3	3
74	Promise for Personalized Diagnosis? Assessing the Precision of Wireless Consumer-Grade Electroencephalography across Mental States. Applied Sciences (Switzerland), 2022, 12, 6430.	1.3	3
75	Associations between physical activity, sedentary time and social-emotional functioning in young children. Mental Health and Physical Activity, 2021, 21, 100422.	0.9	2
76	EEG Power Band Asymmetries in Children with and without Classical Ensemble Music Training. Symmetry, 2022, 14, 538.	1.1	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 selfâ€regulation through music: An ERP study comparing child musicians and nonmusicians. International Journal of Developmental Neuroscience, 2015, 47, 97-97.	0.7	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.	0.7	1
82	The role of neuroinflammation in developmental neurotoxicity, tackling complexity in children's exposures and outcomes. Advances in Neurotoxicology, 2019, , 223-257.	0.7	1
83	Vividness, Consciousness and Mental Imagery: A Start on Connecting the Dots. Brain Sciences, 2020, 10, 500.	1.1	1
84	Is the new cognitive neuroscience of social inequality equal? Deconstructing the current neurocognitive research on childrenâ€™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.	0.5	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.	0.1	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.	0.7	0
88	ISDN2014_0308: Socioeconomic neurogradients of attention. International Journal of Developmental Neuroscience, 2015, 47, 93-94.	0.7	0
89	ISDN2014_0148: Socioeconomic status, brain development and neuroethics: Evidenceâ€based agendas for next decade's developmental neuroscience. International Journal of Developmental Neuroscience, 2015, 47, 43-43.	0.7	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.	0.7	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.	0.9	0
92	Editorsâ€™ Statement. Imagination, Cognition and Personality, 2019, 39, 3-4.	0.5	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.	1.3	0
94	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein Îµ4 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.	0.3	0