

Iroise Dumontheil

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

4,941
citations

147801

31
h-index

102487

66
g-index

72
all docs

72
docs citations

72
times ranked

6287
citing authors

#	ARTICLE	IF	CITATIONS
1	The Development of White and Gray Matter: Adolescence as a Period of Transition. , 2022, , 400-409.		0
2	Manipulating Interface Design Features Affects Children's Stop-And-Think Behaviours in a Counterintuitive-Problem Game. ACM Transactions on Computer-Human Interaction, 2022, 29, 1-21.	5.7	7
3	Modulatory effects of SES and multilinguistic experience on cognitive development: a longitudinal data analysis of multilingual and monolingual adolescents from the SCAMP cohort. International Journal of Bilingual Education and Bilingualism, 2022, 25, 3489-3506.	2.1	3
4	Error detection through mouse movement in an online adaptive learning environment. Journal of Computer Assisted Learning, 2021, 37, 242-252.	5.1	3
5	Evidence for specificity of polygenic contributions to attainment in English, maths and science during adolescence. Scientific Reports, 2021, 11, 3851.	3.3	10
6	Internalising and externalising in early adolescence predict later executive function, not the other way around: a cross-lagged panel analysis. Cognition and Emotion, 2021, 35, 986-998.	2.0	16
7	Responses to Navon tasks differ across development and between tasks with differing attentional demands. Vision Research, 2021, 185, 17-28.	1.4	1
8	Post-error slowing: Large scale study in an online learning environment for practising mathematics and language. Developmental Science, 2021, , e13174.	2.4	6
9	Digital Technology Use and BMI: Evidence From a Cross-sectional Analysis of an Adolescent Cohort Study. Journal of Medical Internet Research, 2021, 23, e26485.	4.3	9
10	Development of dopaminergic genetic associations with visuospatial, verbal and social working memory. Developmental Science, 2020, 23, e12889.	2.4	5
11	Should online math learning environments be tailored to individuals' cognitive profiles?. Journal of Experimental Child Psychology, 2020, 191, 104730.	1.4	12
12	Sustained and Transient Processes in Event-based Prospective Memory in Adolescence and Adulthood. Journal of Cognitive Neuroscience, 2020, 32, 1924-1945.	2.3	5
13	Social networking site use in young adolescents: Association with health-related quality of life and behavioural difficulties. Computers in Human Behavior, 2020, 109, 106320.	8.5	11
14	Domain-Specific Inhibitory Control Training to Improve Children's Learning of Counterintuitive Concepts in Mathematics and Science. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2020, 4, 296-314.	1.6	24
15	Towards Greater Collaboration in Educational Neuroscience: Perspectives From the 2018 EARLI SIG22 Conference. Mind, Brain, and Education, 2020, 14, 124-129.	1.9	1
16	Adolescents are delayed at inferring complex social intentions in others, but not basic (false) beliefs: An eye-movement investigation. Quarterly Journal of Experimental Psychology, 2020, 73, 1640-1659.	1.1	5
17	Association between action kinematics and emotion perception across adolescence.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 657-666.	0.9	4
18	Genome-Wide Association Study of Latent Cognitive Measures in Adolescence: Genetic Overlap With Intelligence and Education. Mind, Brain, and Education, 2019, 13, 224-233.	1.9	18

#	ARTICLE	IF	CITATIONS
19	The Unique Contributions of Verbal Analogical Reasoning and Nonverbal Matrix Reasoning to Science and Maths Problemâ€Solving in Adolescence. <i>Mind, Brain, and Education</i> , 2019, 13, 211-223.	1.9	9
20	The specificity of associations between cognition and attainment in English, maths and science during adolescence. <i>Learning and Individual Differences</i> , 2019, 69, 84-93.	2.7	17
21	Processed data on the night-time use of screen-based media devices and adolescents' sleep quality and health-related quality of life. <i>Data in Brief</i> , 2019, 23, 103761.	1.0	7
22	Field Independence Associates with Mathematics and Science Performance in 5â€to 10â€Yearâ€Olds after Accounting for Domainâ€General Factors. <i>Mind, Brain, and Education</i> , 2019, 13, 268-278.	1.9	13
23	Rewards Enhance Proactive and Reactive Control in Adolescence and Adulthood. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1219-1232.	3.0	10
24	Night-time screen-based media device use and adolescents' sleep and health-related quality of life. <i>Environment International</i> , 2019, 124, 66-78.	10.0	110
25	Cohort Profile: The Study of Cognition, Adolescents and Mobile Phones (SCAMP). <i>International Journal of Epidemiology</i> , 2019, 48, 25-26l.	1.9	19
26	Total recall in the SCAMP cohort: Validation of self-reported mobile phone use in the smartphone era. <i>Environmental Research</i> , 2018, 161, 1-8.	7.5	26
27	Inhibitory control and counterintuitive science and maths reasoning in adolescence. <i>PLoS ONE</i> , 2018, 13, e0198973.	2.5	34
28	Social perspective taking is associated with self-reported prosocial behavior and regional cortical thickness across adolescence.. <i>Developmental Psychology</i> , 2018, 54, 1745-1757.	1.6	40
29	Our own action kinematics predict the perceived affective states of others.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 1263-1268.	0.9	24
30	Social and Nonsocial Relational Reasoning in Adolescence and Adulthood. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1739-1754.	2.3	8
31	Development of Risk-Taking, Perspective-Taking, and Inhibitory Control During Adolescence. <i>Developmental Neuropsychology</i> , 2016, 41, 59-76.	1.4	35
32	Adolescent brain development. <i>Current Opinion in Behavioral Sciences</i> , 2016, 10, 39-44.	3.9	105
33	Development of online use of theory of mind during adolescence: An eye-tracking study. <i>Journal of Experimental Child Psychology</i> , 2016, 149, 81-97.	1.4	59
34	Audience effects on the neural correlates of relational reasoning in adolescence. <i>Neuropsychologia</i> , 2016, 87, 85-95.	1.6	19
35	Development of the social brain during adolescence. <i>Psicologia Educativa</i> , 2015, 21, 117-124.	0.9	96
36	Multitasking during social interactions in adolescence and early adulthood. <i>Royal Society Open Science</i> , 2015, 2, 150117.	2.4	20

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37	Influence of COMT genotype and affective distractors on the processing of self-generated thought. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 777-782.	3.0	11
38	The audience effect in adolescence depends on who's looking over your shoulder. <i>Journal of Adolescence</i> , 2015, 43, 5-14.	2.4	51
39	Effect of Early Adversity and Childhood Internalizing Symptoms on Brain Structure in Young Men. <i>JAMA Pediatrics</i> , 2015, 169, 938.	6.2	53
40	Preliminary investigation of the influence of dopamine regulating genes on social working memory. <i>Social Neuroscience</i> , 2014, 9, 437-451.	1.3	14
41	DEVELOPMENTAL INTER-RELATIONS BETWEEN EARLY MATERNAL DEPRESSION, CONTEXTUAL RISKS, AND INTERPERSONAL STRESS, AND THEIR EFFECT ON LATER CHILD COGNITIVE FUNCTIONING. <i>Depression and Anxiety</i> , 2014, 31, 599-607.	4.1	40
42	Development of abstract thinking during childhood and adolescence: The role of rostralateral prefrontal cortex. <i>Developmental Cognitive Neuroscience</i> , 2014, 10, 57-76.	4.0	179
43	Trust and social reciprocity in adolescence – A matter of perspective-taking. <i>Journal of Adolescence</i> , 2014, 37, 175-184.	2.4	80
44	Developmental changes in effective connectivity associated with relational reasoning. <i>Human Brain Mapping</i> , 2014, 35, 3262-3276.	3.6	26
45	The Relationship Between Pubertal Status and Neural Activity During Risky Decision-making in Male Adolescents. <i>Journal of Adolescent Health</i> , 2014, 54, S84-S85.	2.5	14
46	Dynamic causal modelling of effective connectivity during perspective taking in a communicative task. <i>NeuroImage</i> , 2013, 76, 116-124.	4.2	35
47	The development of metacognitive ability in adolescence. <i>Consciousness and Cognition</i> , 2013, 22, 264-271.	1.5	219
48	Developmental Differences in the Control of Action Selection by Social Information. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2080-2095.	2.3	36
49	Working memory brain activity and capacity link MAOA polymorphism to aggressive behavior during development. <i>Translational Psychiatry</i> , 2012, 2, e85-e85.	4.8	36
50	Task rules, working memory, and fluid intelligence. <i>Psychonomic Bulletin and Review</i> , 2012, 19, 864-870.	2.8	79
51	Brain Activity during a Visuospatial Working Memory Task Predicts Arithmetical Performance 2 Years Later. <i>Cerebral Cortex</i> , 2012, 22, 1078-1085.	2.9	168
52	Human Behavior, Learning, and the Developing Brain: Typical Development. <i>Child and Adolescent Mental Health</i> , 2012, 17, 63-63.	3.5	0
53	Influence of the COMT Genotype on Working Memory and Brain Activity Changes During Development. <i>Biological Psychiatry</i> , 2011, 70, 222-229.	1.3	139
54	Developmental influences on the neural bases of responses to social rejection: Implications of social neuroscience for education. <i>NeuroImage</i> , 2011, 57, 686-694.	4.2	205

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55	Assembly and Use of New Task Rules in Fronto-parietal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 168-182.	2.3	75
56	Online usage of theory of mind continues to develop in late adolescence. <i>Developmental Science</i> , 2010, 13, 331-338.	2.4	489
57	Development of relational reasoning during adolescence. <i>Developmental Science</i> , 2010, 13, F15-24.	2.4	70
58	Development of the Selection and Manipulation of Self-Generated Thoughts in Adolescence. <i>Journal of Neuroscience</i> , 2010, 30, 7664-7671.	3.6	29
59	Taking perspective into account in a communicative task. <i>NeuroImage</i> , 2010, 52, 1574-1583.	4.2	83
60	Neural correlates of task and source switching: Similar or different?. <i>Biological Psychology</i> , 2010, 83, 239-249.	2.2	4
61	Recruitment of lateral rostral prefrontal cortex in spontaneous and task-related thoughts. <i>Quarterly Journal of Experimental Psychology</i> , 2010, 63, 1740-1756.	1.1	54
62	Development of rostral prefrontal cortex and cognitive and behavioural disorders. <i>Developmental Medicine and Child Neurology</i> , 2008, 50, 168-181.	2.1	165
63	Distinct regions of medial rostral prefrontal cortex supporting social and nonsocial functions. <i>Social Cognitive and Affective Neuroscience</i> , 2007, 2, 217-226.	3.0	108
64	Corrections and Clarifications. <i>Science</i> , 2007, 317, 43-43.	12.6	115
65	The gateway hypothesis of rostral prefrontal cortex (area 10) function. <i>Trends in Cognitive Sciences</i> , 2007, 11, 290-298.	7.8	606
66	Function and localization within rostral prefrontal cortex (area 10). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 887-899.	4.0	222
67	The case for the development and use of "ecologically valid" measures of executive function in experimental and clinical neuropsychology. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 194-209.	1.8	503
68	Dual adaptation to sensory conflicts during whole-body rotations. <i>Brain Research</i> , 2006, 1072, 119-132.	2.2	14
69	The gateway hypothesis of rostral prefrontal cortex (area 10) function., 2005, , 217-248.		63