# Leah H Somerville

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11437561/publications.pdf

Version: 2024-02-01

| 78 | 10,708 | 66343 | 69250 |
|---|---|---|---|
| papers | citations | 42 h-index | 77 g-index |

| 80 | 80 | 80 | 10750 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A time of change: Behavioral and neural correlates of adolescent sensitivity to appetitive and aversive environmental cues. Brain and Cognition, 2010, 72, 124-133. | 1.8 | 748 |
| 2 | Human Amygdala Responsivity to Masked Fearful Eye Whites. Science, 2004, 306, 2061-2061. | 12.6 | 636 |
| 3 | Behavioral and neural correlates of delay of gratification 40 years later. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14998-15003. | 7.1 | 572 |
| 4 | A Genetic Variant BDNF Polymorphism Alters Extinction Learning in Both Mouse and Human. Science, 2010, 327, 863-866. | 12.6 | 541 |
| 5 | The Teenage Brain. Current Directions in Psychological Science, 2013, 22, 121-127. | 5.3 | 538 |
| 6 | Developmental neurobiology of cognitive control and motivational systems. Current Opinion in Neurobiology, 2010, 20, 236-241. | 4.2 | 520 |
| 7 | Braking and Accelerating of the Adolescent Brain. Journal of Research on Adolescence, 2011, 21, 21-33. | 3.7 | 458 |
| 8 | Frontostriatal Maturation Predicts Cognitive Control Failure to Appetitive Cues in Adolescents. Journal of Cognitive Neuroscience, 2011, 23, 2123-2134. | 2.3 | 433 |
| 9 | Anterior cingulate cortex responds differentially to expectancy violation and social rejection. Nature Neuroscience, 2006, 9, 1007-1008. | 14.8 | 425 |
| 10 | The storm and stress of adolescence: Insights from human imaging and mouse genetics. Developmental Psychobiology, 2010, 52, 225-235. | 1.6 | 360 |
| 11 | Contextual Modulation of Amygdala Responsivity to Surprised Faces. Journal of Cognitive Neuroscience, 2004, 16, 1730-1745. | 2.3 | 355 |
| 12 | Inverse amygdala and medial prefrontal cortex responses to surprised faces. NeuroReport, 2003, 14, 2317-2322. | 1.2 | 321 |
| 13 | Human Bed Nucleus of the Stria Terminalis Indexes Hypervigilant Threat Monitoring. Biological Psychiatry, 2010, 68, 416-424. | 1.3 | 302 |
| 14 | Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. NeuroImage, 2018, 183, 972-984. | 4.2 | 290 |
| 15 | The Medial Prefrontal Cortex and the Emergence of Self-Conscious Emotion in Adolescence. Psychological Science, 2013, 24, 1554-1562. | 3.3 | 288 |
| 16 | Mechanisms of motivationâ€“cognition interaction: challenges and opportunities. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 443-472. | 2.0 | 263 |
| 17 | Human amygdala responses during presentation of happy and neutral faces: correlations with state anxiety. Biological Psychiatry, 2004, 55, 897-903. | 1.3 | 238 |
| 18 | MGHâ€“USC Human Connectome Project datasets with ultra-high b-value diffusion MRI. NeuroImage, 2016, 124, 1108-1114. | 4.2 | 209 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Functional Magnetic Resonance Imaging Predictor of Treatment Response to Venlafaxine in Generalized Anxiety Disorder. Biological Psychiatry, 2008, 63, 858-863. | 1.3 | 191 |
| 20 | The Lifespan Human Connectome Project in Aging: An overview. NeuroImage, 2019, 185, 335-348. | 4.2 | 186 |
| 21 | The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5â€“21 year olds. NeuroImage, 2018, 183, 456-468. | 4.2 | 184 |
| 22 | Interactions Between Transient and Sustained Neural Signals Support the Generation and Regulation of Anxious Emotion. Cerebral Cortex, 2013, 23, 49-60. | 2.9 | 171 |
| 23 | Self-esteem Modulates Medial Prefrontal Cortical Responses to Evaluative Social Feedback. Cerebral Cortex, 2010, 20, 3005-3013. | 2.9 | 164 |
| 24 | Beyond simple models of adolescence to an integrated circuit-based account: A commentary. Developmental Cognitive Neuroscience, 2016, 17, 128-130. | 4.0 | 158 |
| 25 | Stability of amygdala BOLD response to fearful faces over multiple scan sessions. NeuroImage, 2005, 25, 1112-1123. | 4.2 | 146 |
| 26 | Behavioral and Neural Properties of Social Reinforcement Learning. Journal of Neuroscience, 2011, 31, 13039-13045. | 3.6 | 138 |
| 27 | The neuroscience of adolescent decision-making. Current Opinion in Behavioral Sciences, 2015, 5, 108-115. | 3.9 | 122 |
| 28 | Neural Correlates of Expected Risks and Returns in Risky Choice across Development. Journal of Neuroscience, 2015, 35, 1549-1560. | 3.6 | 107 |
| 29 | Charting the expansion of strategic exploratory behavior during adolescence.. Journal of Experimental Psychology: General, 2017, 146, 155-164. | 2.1 | 97 |
| 30 | Adolescent-specific patterns of behavior and neural activity during social reinforcement learning. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 683-697. | 2.0 | 95 |
| 31 | Searching for Signatures of Brain Maturity: What Are We Searching For?. Neuron, 2016, 92, 1164-1167. | 8.1 | 94 |
| 32 | Teens Impulsively React rather than Retreat from Threat. Developmental Neuroscience, 2014, 36, 220-227. | 2.0 | 87 |
| 33 | The Nonlinear Development of Emotion Differentiation: Granular Emotional Experience Is Low in Adolescence. Psychological Science, 2018, 29, 1346-1357. | 3.3 | 82 |
| 34 | Increasing verbal knowledge mediates development of multidimensional emotion representations. Nature Human Behaviour, 2017, 1, 881-889. | 12.0 | 78 |
| 35 | A linguistic signature of psychological distancing in emotion regulation.. Journal of Experimental Psychology: General, 2017, 146, 337-346. | 2.1 | 74 |
| 36 | Behavioral and Neural Representation of Emotional Facial Expressions Across the Lifespan. Developmental Neuropsychology, 2011, 36, 408-428. | 1.4 | 71 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Development of self-protective biases in response to social evaluative feedback. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13158-13163. | 7.1 | 62 |
| 38 | A tale of two negatives: Differential memory modulation by threat-related facial expressions.. Emotion, 2011, 11, 647-655. | 1.8 | 56 |
| 39 | Adolescent Development of Value-Guided Goal Pursuit. Trends in Cognitive Sciences, 2018, 22, 725-736. | 7.8 | 53 |
| 40 | Dissociable Medial Temporal Lobe Contributions to Social Memory. Journal of Cognitive Neuroscience, 2006, 18, 1253-1265. | 2.3 | 48 |
| 41 | Dissecting â€œPeer Presenceâ€•and â€œDecisionsâ€•to Deepen Understanding of Peer Influence on Adolescent Risky Choice. Child Development, 2019, 90, 2086-2103. | 3.0 | 48 |
| 42 | Charting the development of emotion comprehension and abstraction from childhood to adulthood using observer-rated and linguistic measures.. Emotion, 2020, 20, 773-792. | 1.8 | 48 |
| 43 | Development of corticostriatal connectivity constrains goal-directed behavior during adolescence. Nature Communications, 2017, 8, 1605. | 12.8 | 47 |
| 44 | Fear and Anxiety from Principle to Practice: Implications for When to Treat Youth With Anxiety Disorders. Biological Psychiatry, 2014, 75, e19-e20. | 1.3 | 42 |
| 45 | Prior experience as a stimulus category confound: an example using facial expressions of emotion. Social Cognitive and Affective Neuroscience, 2006, 1, 271-274. | 3.0 | 41 |
| 46 | Adolescents let sufficient evidence accumulate before making a decision when large incentives are at stake. Developmental Science, 2014, 17, 59-70. | 2.4 | 41 |
| 47 | Developmental patterns of change in the influence of safe and risky peer choices on risky decisionâ€making. Developmental Science, 2019, 22, e12717. | 2.4 | 41 |
| 48 | What develops during emotional development? A component process approach to identifying sources of psychopathology risk in adolescence. Dialogues in Clinical Neuroscience, 2015, 17, 403-410. | 3.7 | 41 |
| 49 | Rejection Sensitivity Polarizes Striatalâ€“Medial Prefrontal Activity When Anticipating Social Feedback. Journal of Cognitive Neuroscience, 2013, 25, 1887-1895. | 2.3 | 33 |
| 50 | Development of MPFC function mediates shifts in self-protective behavior provoked by social feedback. Nature Communications, 2018, 9, 3086. | 12.8 | 33 |
| 51 | Low Emotional Awareness as a Transdiagnostic Mechanism Underlying Psychopathology in Adolescence. Clinical Psychological Science, 2020, 8, 971-988. | 4.0 | 32 |
| 52 | Use of linguistic distancing and cognitive reappraisal strategies during emotion regulation in children, adolescents, and young adults.. Emotion, 2020, 20, 525-540. | 1.8 | 31 |
| 53 | The unique roles of intrapersonal and social factors in adolescent smoking development.. Developmental Psychology, 2016, 52, 2044-2056. | 1.6 | 23 |
| 54 | Consequences for peers differentially bias computations about risk across development.. Journal of Experimental Psychology: General, 2018, 147, 671-682. | 2.1 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Asymmetric neural tracking of gain and loss magnitude during adolescence. Social Cognitive and Affective Neuroscience, 2018, 13, 785-796. | 3.0 | 22 |
| 56 | Amygdala habituation to emotional faces in adolescents with internalizing disorders, adolescents with childhood sexual abuse related PTSD and healthy adolescents. Developmental Cognitive Neuroscience, 2016, 21, 15-25. | 4.0 | 20 |
| 57 | Does Psychosocial Stress Impact Cognitive Reappraisal? Behavioral and Neural Evidence. Journal of Cognitive Neuroscience, 2017, 29, 1803-1816. | 2.3 | 19 |
| 58 | Linguistic measures of psychological distance track symptom levels and treatment outcomes in a large set of psychotherapy transcripts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2114737119. | 7.1 | 19 |
| 59 | Development of Prefrontal Cortical Connectivity and the Enduring Effect of Learned Value on Cognitive Control. Journal of Cognitive Neuroscience, 2019, 31, 64-77. | 2.3 | 17 |
| 60 | Behavioral and neural correlates of delay of gratification 40 years later. Annals of Neurosciences, 2012, 19, 27-8. | 1.7 | 13 |
| 61 | Registration-free analysis of diffusion MRI tractography data across subjects through the human lifespan. NeuroImage, 2020, 214, 116703. | 4.2 | 12 |
| 62 | Aberrant striatal tracking of reward magnitude in youth with current or past-year depression.. Journal of Abnormal Psychology, 2019, 128, 44-56. | 1.9 | 12 |
| 63 | Neural substrates of the influence of emotional cues on cognitive control in risk-taking adolescents. Developmental Cognitive Neuroscience, 2018, 31, 20-34. | 4.0 | 11 |
| 64 | Neurodevelopmental shifts in learned value transfer on cognitive control during adolescence. Developmental Cognitive Neuroscience, 2019, 40, 100730. | 4.0 | 11 |
| 65 | Examining the Causal Effects of Sleep Deprivation on Emotion Regulation and Its Neural Mechanisms. Journal of Cognitive Neuroscience, 2020, 32, 1289-1300. | 2.3 | 10 |
| 66 | How adolescents and adults translate motivational value to action: Age-related shifts in strategic physical effort exertion for monetary rewards.. Journal of Experimental Psychology: General, 2021, 150, 103-113. | 2.1 | 9 |
| 67 | Developmental Variation in the Associations of Attention Bias to Emotion with Internalizing and Externalizing Psychopathology. Research on Child and Adolescent Psychopathology, 2021, 49, 711-726. | 2.3 | 8 |
| 68 | Response to: â€˜â€˜The triadic model perspective for the study of adolescent motivated behaviorâ€™â€™. Brain and Cognition, 2014, 89, 112-113. | 1.8 | 7 |
| 69 | Emotion Concept Development from Childhood to Adulthood. Nebraska Symposium on Motivation, 2019, , 11-41. | 0.9 | 7 |
| 70 | Examining cognitive control and reward interactions in adolescent externalizing symptoms. Developmental Cognitive Neuroscience, 2020, 45, 100813. | 4.0 | 5 |
| 71 | Stress impacts the fidelity but not strength of emotional memories. Brain and Cognition, 2019, 133, 33-41. | 1.8 | 4 |
| 72 | Voluntary pursuit of negatively valenced stimuli from childhood to early adulthood. Developmental Science, 2021, 24, e13012. | 2.4 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | History of conditioned reward association disrupts inhibitory control: an examination of neural correlates. NeuroImage, 2021, 227, 117629. | 4.2 | 4 |
| 74 | Information about othersâ€™ choices selectively alters risk tolerance and medial prefrontal cortex activation across adolescence and young adulthood. Developmental Cognitive Neuroscience, 2021, 52, 101039. | 4.0 | 3 |
| 75 | Systems Neuroscience: The Balancing Act of Behavioral Regulation. Current Biology, 2016, 26, R925-R926. | 3.9 | 2 |
| 76 | Commentary: Building the developmental foundations of developmental computational psychiatry: reflections on Hauser et al. (2019). Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 427-429. | 5.2 | 2 |
| 77 | Striatal Associative Learning Signals Are Tuned to In-groups. Journal of Cognitive Neuroscience, 2016, 28, 1243-1254. | 2.3 | 1 |
| 78 | Raising the Stakes for Online Learning: Monetary Incentives Increase Performance in a Computer-Based Learning Task Under Certain Conditions. Frontiers in Psychology, 2022, 13, . | 2.1 | 0 |