

# Nikolaus Steinbeis

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,314  
citations

257450

24  
h-index

265206

42  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2462  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Harmonic Expectancy Violations in Musical Emotions: Evidence from Subjective, Physiological, and Neural Responses. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1380-1393.	2.3	334
2	Impulse Control and Underlying Functions of the Left DLPFC Mediate Age-Related and Age-Independent Individual Differences in Strategic Social Behavior. <i>Neuron</i> , 2012, 73, 1040-1051.	8.1	241
3	Neural Perspectives on Cognitive Control Development during Childhood and Adolescence. <i>Trends in Cognitive Sciences</i> , 2017, 21, 205-215.	7.8	171
4	The developmental foundations of human fairness. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	157
5	The role of selfâ€“other distinction in understanding others' mental and emotional states: neurocognitive mechanisms in children and adults. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150074.	4.0	98
6	Affective Priming Effects of Musical Sounds on the Processing of Word Meaning. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 604-621.	2.3	87
7	White matter maturation is associated with the emergence of Theory of Mind in early childhood. <i>Nature Communications</i> , 2017, 8, 14692.	12.8	79
8	Implicit and explicit false belief development in preschool children. <i>Developmental Science</i> , 2017, 20, e12445.	2.4	78
9	Effects of Unexpected Chords and of Performer's Expression on Brain Responses and Electrodermal Activity. <i>PLoS ONE</i> , 2008, 3, e2631.	2.5	73
10	Comparing the Processing of Music and Language Meaning Using EEG and fMRI Provides Evidence for Similar and Distinct Neural Representations. <i>PLoS ONE</i> , 2008, 3, e2226.	2.5	73
11	The effects of social comparison on social emotions and behavior during childhood: The ontogeny of envy and Schadenfreude predicts developmental changes in equity-related decisions. <i>Journal of Experimental Child Psychology</i> , 2013, 115, 198-209.	1.4	69
12	Age-related differences in function and structure of rSMG and reduced functional connectivity with DLPFC explains heightened emotional egocentricity bias in childhood. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 302-310.	3.0	66
13	Preserved Self-other Distinction During Empathy in Autism is Linked to Network Integrity of Right Supramarginal Gyrus. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 637-648.	2.7	66
14	Medial prefrontal and anterior cingulate cortical thickness predicts shared individual differences in self-generated thought and temporal discounting. <i>NeuroImage</i> , 2014, 90, 290-297.	4.2	65
15	The effects of stress and affiliation on social decision-making: Investigating the tend-and-befriend pattern. <i>Psychoneuroendocrinology</i> , 2015, 62, 138-148.	2.7	64
16	Differential Roles of Fairnessâ€“and Compassionâ€“Based Motivations for Cooperation, Defection, and Punishment. <i>Annals of the New York Academy of Sciences</i> , 2009, 1167, 41-50.	3.8	62
17	Toward a Science of Effective Cognitive Training. <i>Current Directions in Psychological Science</i> , 2020, 29, 531-537.	5.3	53
18	Longitudinal evidence for 4-year-oldsâ€™ but not 2- and 3-year-oldsâ€™ false belief-related action anticipation. <i>Cognitive Development</i> , 2018, 46, 58-68.	1.3	41

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19	Compassion meditators show less anger, less punishment, and more compensation of victims in response to fairness violations. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 424.	2.0	39
20	Preschool children and chimpanzees incur costs to watch punishment of antisocial others. <i>Nature Human Behaviour</i> , 2018, 2, 45-51.	12.0	39
21	Two systems for thinking about others's thoughts in the developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6928-6935.	7.1	38
22	Sensitive periods in executive function development. <i>Current Opinion in Behavioral Sciences</i> , 2020, 36, 98-105.	3.9	35
23	Enhancing behavioral control increases sharing in children. <i>Journal of Experimental Child Psychology</i> , 2017, 159, 310-318.	1.4	33
24	Taxing behavioral control diminishes sharing and costly punishment in childhood. <i>Developmental Science</i> , 2018, 21, e12492.	2.4	33
25	The link between cognitive control and decision-making across child and adolescent development. <i>Current Opinion in Behavioral Sciences</i> , 2016, 10, 28-32.	3.9	32
26	Heritability of neural reactions to social exclusion and prosocial compensation in middle childhood. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 42-52.	4.0	25
27	Neurocognitive mechanisms of prosociality in childhood. <i>Current Opinion in Psychology</i> , 2018, 20, 30-34.	4.9	22
28	The neural correlates of dealing with social exclusion in childhood. <i>Neuropsychologia</i> , 2017, 103, 29-37.	1.6	21
29	Children's Increased Emotional Egocentricity Compared to Adults Is Mediated by Age-Related Differences in Conflict Processing. <i>Child Development</i> , 2015, 86, 765-780.	3.0	19
30	I know better! Emerging metacognition allows adolescents to ignore false advice. <i>Developmental Science</i> , 2021, 24, e13101.	2.4	16
31	The neurodevelopment of social preferences in early childhood. <i>Current Opinion in Neurobiology</i> , 2021, 68, 23-28.	4.2	15
32	Changes in BOLD variability are linked to the development of variable response inhibition. <i>NeuroImage</i> , 2021, 228, 117691.	4.2	12
33	Exploration heuristics decrease during youth. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 969-983.	2.0	11
34	Emotional Processing of Harmonic Expectancy Violations. <i>Annals of the New York Academy of Sciences</i> , 2005, 1060, 457-461.	3.8	10
35	Getting less than their fair share: Maltreated youth are hyper-cooperative yet vulnerable to exploitation in a public goods game. <i>Developmental Science</i> , 2019, 22, e12765.	2.4	9
36	Computational modelling of attentional bias towards threat in paediatric anxiety. <i>Developmental Science</i> , 2021, 24, e13055.	2.4	8

#	ARTICLE	IF	CITATIONS
37	Computational and behavioral markers of model-based decision making in childhood. <i>Developmental Science</i> , 2023, 26, .	2.4	8
38	Effort-related decision-making and its underlying processes during childhood.. <i>Developmental Psychology</i> , 2021, 57, 1487-1496.	1.6	4
39	Development holds the key to understanding the interplay of nature versus nurture in shaping the individual. <i>Developmental Cognitive Neuroscience</i> , 2017, 25, 1-4.	4.0	3
40	Development and plasticity of executive functions: A value-based account. <i>Current Opinion in Psychology</i> , 2022, 44, 215-219.	4.9	3
41	Opportunities and challenges for current developmental neuroscience. <i>Theory and Psychology</i> , 2016, 26, 620-631.	1.2	1
42	Editorial to the special issue on "On mechanisms of cognitive training and transfer in development". <i>Developmental Science</i> , 2020, 23, e12932.	2.4	1
43	Development of functional network architecture explains changes in children's altruistically motivated helping. <i>Developmental Science</i> , 2022, 25, e13167.	2.4	0
44	Interventions for Improving Executive Functions during Development. , 2022, , 623-643.		0