

Sian L Beilock

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,710
citations

257101

24
h-index

344852

36
g-index

37
all docs

37
docs citations

37
times ranked

3919
citing authors

#	ARTICLE	IF	CITATIONS
1	Elementary school teachers' math anxiety and students' math learning: A large-scale replication. <i>Developmental Science</i> , 2021, 24, e13080.	1.3	18
2	Calculated avoidance: Math anxiety predicts math avoidance in effort-based decision-making. <i>Science Advances</i> , 2019, 5, eaay1062.	4.7	48
3	Reducing socioeconomic disparities in the STEM pipeline through student emotion regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1553-1558.	3.3	62
4	Characterizing the neural coding of symbolic quantities. <i>NeuroImage</i> , 2018, 178, 503-518.	2.1	21
5	Performance during competition and competition outcome in relation to testosterone and cortisol among women. <i>Hormones and Behavior</i> , 2017, 92, 82-92.	1.0	12
6	How do generic statements impact performance? Evidence for entity beliefs. <i>Developmental Science</i> , 2017, 20, e12396.	1.3	5
7	The Math Anxiety-Performance Link. <i>Current Directions in Psychological Science</i> , 2017, 26, 52-58.	2.8	197
8	From Janet T. Spence's Manifest Anxiety Scale to the Present Day: Exploring Math Anxiety and its Relation to Math Achievement. <i>Sex Roles</i> , 2017, 77, 718-724.	1.4	7
9	Simple arithmetic: not so simple for highly math anxious individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1940-1949.	1.5	12
10	On the relationship between math anxiety and math achievement in early elementary school: The role of problem solving strategies. <i>Journal of Experimental Child Psychology</i> , 2016, 141, 83-100.	0.7	204
11	In Physics Education, Perception Matters. <i>Mind, Brain, and Education</i> , 2015, 9, 164-169.	0.9	6
12	Physical Experience Enhances Science Learning. <i>Psychological Science</i> , 2015, 26, 737-749.	1.8	188
13	Jump-Starting Early Childhood Education at Home. <i>Perspectives on Psychological Science</i> , 2015, 10, 727-732.	5.2	14
14	Math at home adds up to achievement in school. <i>Science</i> , 2015, 350, 196-198.	6.0	299
15	Expert athletes activate somatosensory and motor planning regions of the brain when passively listening to familiar sports sounds. <i>Brain and Cognition</i> , 2014, 87, 122-133.	0.8	72
16	Mathematics anxiety and stereotype threat: shared mechanisms, negative consequences and promising interventions. <i>Research in Mathematics Education</i> , 2013, 15, 115-128.	1.0	119
17	Teachers' Spatial Anxiety Relates to 1st- and 2nd-Graders' Spatial Learning. <i>Mind, Brain, and Education</i> , 2013, 7, 196-199.	0.9	34
18	When Math Hurts: Math Anxiety Predicts Pain Network Activation in Anticipation of Doing Math. <i>PLoS ONE</i> , 2012, 7, e48076.	1.1	185

#	ARTICLE	IF	CITATIONS
19	Mathematics Anxiety: Separating the Math from the Anxiety. <i>Cerebral Cortex</i> , 2012, 22, 2102-2110.	1.6	157
20	Sensitivity of alpha and beta oscillations to sensorimotor characteristics of action: An EEG study of action production and gesture observation. <i>Neuropsychologia</i> , 2012, 50, 2745-2751.	0.7	61
21	From attentional control to attentional spillover: A skill-level investigation of attention, movement, and performance outcomes. <i>Human Movement Science</i> , 2012, 31, 1473-1499.	0.6	86
22	Math anxiety: who has it, why it develops, and how to guard against it. <i>Trends in Cognitive Sciences</i> , 2012, 16, 404-406.	4.0	267
23	New Directions for Research on the Role of Parents and Teachers in the Development of Gender-Related Math Attitudes: Response to Commentaries. <i>Sex Roles</i> , 2012, 66, 191-196.	1.4	10
24	The Role of Parents and Teachers in the Development of Gender-Related Math Attitudes. <i>Sex Roles</i> , 2012, 66, 153-166.	1.4	546
25	Practical Implications of Test Anxiety Toolsâ€™Response. <i>Science</i> , 2011, 332, 792-792.	6.0	1
26	Actionâ€™s Influence on Thought: The Case of Gesture. <i>Perspectives on Psychological Science</i> , 2010, 5, 664-674.	5.2	248
27	Female teachersâ€™ math anxiety affects girlsâ€™ math achievement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1860-1863.	3.3	628
28	Grounding cognition in action: expertise, comprehension, and judgment. <i>Progress in Brain Research</i> , 2009, 174, 3-11.	0.9	21
29	Putting in the mind versus putting on the green: Expertise, performance time, and the linking of imagery and action. <i>Quarterly Journal of Experimental Psychology</i> , 2008, 61, 920-932.	0.6	37
30	Beyond the playing field: sport psychology meets embodied cognition. <i>International Review of Sport and Exercise Psychology</i> , 2008, 1, 19-30.	3.1	57
31	Sports experience changes the neural processing of action language. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13269-13273.	3.3	177
32	When does haste make waste? Speed-accuracy tradeoff, skill level, and the tools of the trade.. <i>Journal of Experimental Psychology: Applied</i> , 2008, 14, 340-352.	0.9	57
33	Stereotype threat and working memory: Mechanisms, alleviation, and spillover.. <i>Journal of Experimental Psychology: General</i> , 2007, 136, 256-276.	1.5	427
34	From poor performance to success under stress: Working memory, strategy selection, and mathematical problem solving under pressure.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2007, 33, 983-998.	0.7	230
35	On the Causal Mechanisms of Stereotype Threat: Can Skills That Don't Rely Heavily on Working Memory Still Be Threatened?. <i>Personality and Social Psychology Bulletin</i> , 2006, 32, 1059-1071.	1.9	171