

# Stefan Huber

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,491  
citations

331670

21  
h-index

330143

37  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative Numbers are not yet Automatically Associated with Space in 6 <sup>th</sup> Graders. <i>Journal of Cognition and Development</i> , 2019, 20, 611-633.	1.3	1
2	Unbounded number line estimation as a measure of numerical estimation. <i>PLoS ONE</i> , 2019, 14, e0213102.	2.5	13
3	Processing symbolic and non-symbolic proportions: Domain-specific numerical and domain-general processes in intraparietal cortex. <i>Brain Research</i> , 2019, 1714, 133-146.	2.2	14
4	Set size influences the relationship between ANS acuity and math performance: a result of different strategies?. <i>Psychological Research</i> , 2019, 83, 590-612.	1.7	11
5	Individual differences influence two-digit number processing, but not their analog magnitude processing: a large-scale online study. <i>Psychological Research</i> , 2019, 83, 1444-1464.	1.7	20
6	Reduction but no shift in brain activation after arithmetic learning in children: A simultaneous fNIRS-EEG study. <i>Scientific Reports</i> , 2018, 8, 1707.	3.3	41
7	Influences of presentation format and task instruction on children's number line estimation. <i>Cognitive Development</i> , 2018, 47, 53-62.	1.3	12
8	Spatial Presentations, but Not Response Formats Influence Spatial-Numerical Associations in Adults. <i>Frontiers in Psychology</i> , 2018, 9, 2608.	2.1	0
9	The influence of number magnitude on continuous swiping movements. <i>Journal of Numerical Cognition</i> , 2018, 4, 297-316.	1.2	5
10	Sex differences in number line estimation: The role of numerical estimation. <i>British Journal of Psychology</i> , 2017, 108, 334-350.	2.3	18
11	Using propensity score matching to construct experimental stimuli. <i>Behavior Research Methods</i> , 2017, 49, 1107-1119.	4.0	12
12	Magnitude estimation is influenced by social power. <i>Journal of Numerical Cognition</i> , 2017, 3, 147-163.	1.2	3
13	Spatial's Numerical and Ordinal Positional Associations Coexist in Parallel. <i>Frontiers in Psychology</i> , 2016, 7, 438.	2.1	36
14	Place value understanding in number line estimation predicts future arithmetic performance. <i>British Journal of Developmental Psychology</i> , 2016, 34, 502-517.	1.7	18
15	Dancing with the SNARC: Measuring spatial-numerical associations on a digital dance mat.. <i>Canadian Journal of Experimental Psychology</i> , 2016, 70, 306-315.	0.8	9
16	Combining brain stimulation and video game to promote long-term transfer of learning and cognitive enhancement. <i>Scientific Reports</i> , 2016, 6, 22003.	3.3	81
17	A general model framework for multisymbol number comparison.. <i>Psychological Review</i> , 2016, 123, 667-695.	3.8	36
18	Training the equidistant principle of number line spacing. <i>Cognitive Processing</i> , 2016, 17, 243-258.	1.4	16

#	ARTICLE	IF	CITATIONS
19	Processing multi-digit numbers: a translingual eye-tracking study. <i>Psychological Research</i> , 2016, 80, 422-433.	1.7	15
20	Same Same, but Different: Word and Sentence Reading in German and English. <i>Scientific Studies of Reading</i> , 2016, 20, 203-219.	2.0	19
21	Insights into numerical cognition: considering eye-fixations in number processing and arithmetic. <i>Psychological Research</i> , 2016, 80, 334-359.	1.7	37
22	A Systematic Investigation of Accuracy and Response Time Based Measures Used to Index ANS Acuity. <i>PLoS ONE</i> , 2016, 11, e0163076.	2.5	23
23	Processing of Numerical and Proportional Quantifiers. <i>Cognitive Science</i> , 2015, 39, 1504-1536.	1.7	13
24	Differential influences of unilateral tDCS over the intraparietal cortex on numerical cognition. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 110.	2.0	19
25	An integration of competing accounts on children's number line estimation. <i>Frontiers in Psychology</i> , 2015, 6, 884.	2.1	29
26	The influence of math anxiety on symbolic and non-symbolic magnitude processing. <i>Frontiers in Psychology</i> , 2015, 6, 1621.	2.1	44
27	Methodological aspects to be considered when measuring the approximate number system (ANS) – a research review. <i>Frontiers in Psychology</i> , 2015, 6, 295.	2.1	70
28	In touch with numbers: Embodied and situated effects in number magnitude comparison. <i>Journal of Cognitive Psychology</i> , 2015, 27, 478-489.	0.9	6
29	Testing a model of componential processing of multi-symbol numbers – evidence from measurement units. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1417-1423.	2.8	8
30	Comparing a single case to a control group – Applying linear mixed effects models to repeated measures data. <i>Cortex</i> , 2015, 71, 148-159.	2.4	15
31	Toward a model framework of generalized parallel componential processing of multi-symbol numbers.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 732-745.	0.9	16
32	Embodied markedness of parity? Examining handedness effects on parity judgments. <i>Psychological Research</i> , 2015, 79, 963-977.	1.7	33
33	Strategies in unbounded number line estimation? Evidence from eye-tracking. <i>Cognitive Processing</i> , 2015, 16, 359-363.	1.4	32
34	A general number-to-space mapping deficit in developmental dyscalculia. <i>Research in Developmental Disabilities</i> , 2015, 43-44, 32-42.	2.2	13
35	Multiplication facts and the mental number line: evidence from unbounded number line estimation. <i>Psychological Research</i> , 2015, 79, 95-103.	1.7	11
36	Decimal fraction representations are not distinct from natural number representations – evidence from a combined eye-tracking and computational modeling approach. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 172.	2.0	34

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37	Operational Momentum Affects Eye Fixation Behaviour. Quarterly Journal of Experimental Psychology, 2014, 67, 1614-1625.	1.1	43
38	Cognitive control in number magnitude processing: evidence from eye-tracking. Psychological Research, 2014, 78, 539-548.	1.7	27
39	Dissociating Number Line Estimations from Underlying Numerical Representations. Quarterly Journal of Experimental Psychology, 2014, 67, 991-1003.	1.1	31
40	Adaptive processing of fractions " Evidence from eye-tracking. Acta Psychologica, 2014, 148, 37-48.	1.5	38
41	Walk the number line " An embodied training of numerical concepts. Trends in Neuroscience and Education, 2013, 2, 74-84.	3.1	117
42	A Computational Modeling Approach on Three-Digit Number Processing. Topics in Cognitive Science, 2013, 5, 317-334.	1.9	13
43	Bilateral Bi-Cephalic Tdcs with Two Active Electrodes of the Same Polarity Modulates Bilateral Cognitive Processes Differentially. PLoS ONE, 2013, 8, e71607.	2.5	39
44	On the interrelation of multiplication and division in secondary school children. Frontiers in Psychology, 2013, 4, 740.	2.1	8
45	Unbounding the mental number line" new evidence on children's spatial representation of numbers. Frontiers in Psychology, 2013, 4, 1021.	2.1	51
46	Learning and development of embodied numerosity. Cognitive Processing, 2012, 13, 271-274.	1.4	83
47	Two-digit number processing: holistic, decomposed or hybrid? A computational modelling approach. Psychological Research, 2011, 75, 290-306.	1.7	42
48	Embodied numerosity: Implicit hand-based representations influence symbolic number processing across cultures. Cognition, 2010, 116, 251-266.	2.2	186