

# Kathryn L Bonnen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6802863/publications.pdf>

Version: 2024-02-01

22  
papers

339  
citations

1163117

8  
h-index

1199594

12  
g-index

24  
all docs

24  
docs citations

24  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Trial-Based Paradigms: Continuous Behavior, Ongoing Neural Activity, and Natural Stimuli. <i>Journal of Neuroscience</i> , 2018, 38, 7551-7558.	3.6	99
2	Component-Based Representation in Automated Face Recognition. <i>IEEE Transactions on Information Forensics and Security</i> , 2013, 8, 239-253.	6.9	81
3	Continuous psychophysics: Target-tracking to measure visual sensitivity. <i>Journal of Vision</i> , 2015, 15, 14.	0.3	46
4	Retinal optic flow during natural locomotion. <i>PLoS Computational Biology</i> , 2022, 18, e1009575.	3.2	35
5	Dynamic mechanisms of visually guided 3D motion tracking. <i>Journal of Neurophysiology</i> , 2017, 118, 1515-1531.	1.8	23
6	Binocular viewing geometry shapes the neural representation of the dynamic three-dimensional environment. <i>Nature Neuroscience</i> , 2020, 23, 113-121.	14.8	19
7	Neuromatch Academy: Teaching Computational Neuroscience with Global Accessibility. <i>Trends in Cognitive Sciences</i> , 2021, 25, 535-538.	7.8	14
8	A role for stereopsis in walking over complex terrains. <i>Journal of Vision</i> , 2019, 19, 178b.	0.3	8
9	Continuous Psychophysics: measuring visual sensitivity by dynamic target tracking. <i>Journal of Vision</i> , 2015, 15, 183.	0.3	1
10	The cost of time in multi-object tracking tasks.. <i>Journal of Vision</i> , 2017, 17, 1313.	0.3	1
11	Encoding and decoding in neural populations with non-Gaussian tuning: the example of 3D motion tuning in MT. <i>Journal of Vision</i> , 2017, 17, 409.	0.3	1
12	Use of continuous 3D target-tracking in VR to measure response latency to changes in depth. <i>Journal of Vision</i> , 2018, 18, 724.	0.3	1
13	Visual motion statistics during real-world locomotion. <i>Journal of Vision</i> , 2018, 18, 1059.	0.3	1
14	Two eyes more sensitive than one: Monocular speed discrimination is better across eyes than within an eye. <i>Journal of Vision</i> , 2015, 15, 1181.	0.3	0
15	Two eyes are identical to one: Three-dimensional motor tracking of visual targets. <i>Journal of Vision</i> , 2015, 15, 1083.	0.3	0
16	Manual target tracking reveals a perceptual asymmetry between crossed and uncrossed disparities. <i>Journal of Vision</i> , 2016, 16, 840.	0.3	0
17	The perception of depth vs. frontoparallel motion assessed by continuous target tracking. <i>Journal of Vision</i> , 2016, 16, 183.	0.3	0
18	Optic flow and self-motion information during real-world locomotion. <i>Journal of Vision</i> , 2017, 17, 211.	0.3	0

#	ARTICLE	IF	CITATIONS
19	3D motion direction estimationâ€™â€™ Model predictions and data. Journal of Vision, 2018, 18, 130.	0.3	0
20	Stereo Slant Estimation of Planar Surfaces: Standard Cross-Correlation vs. Planar-Correlation. Journal of Vision, 2018, 18, 132.	0.3	0
21	Attention filters for motion tracking. Journal of Vision, 2019, 19, 288a.	0.3	0
22	Neuromatch Academy: a 3-week, online summer school in computational neuroscience. The Journal of Open Source Education, 2022, 5, 118.	0.4	0