

# Avinash D S Bala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6478011/publications.pdf>

Version: 2024-02-01

11  
papers

393  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of auditory spatial acuity from neural images on the owl's auditory space map. <i>Nature</i> , 2003, 424, 771-774.	27.8	88
2	The synthesis and use of the owl's auditory space map. <i>Biological Cybernetics</i> , 2003, 89, 378-387.	1.3	81
3	Pupillary dilation response as an indicator of auditory discrimination in the barn owl. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2000, 186, 425-434.	1.6	67
4	Odor Concentration Change Coding in the Olfactory Bulb. <i>ENeuro</i> , 2019, 6, ENEURO.0396-18.2019.	1.9	46
5	Auditory Spatial Acuity Approximates the Resolving Power of Space-Specific Neurons. <i>PLoS ONE</i> , 2007, 2, e675.	2.5	33
6	A Neuronal Correlate of the Precedence Effect Is Associated With Spatial Selectivity in the Barn Owl's Auditory Midbrain. <i>Journal of Neurophysiology</i> , 2004, 92, 2051-2070.	1.8	32
7	Auditory spatial discrimination by barn owls in simulated echoic conditions. <i>Journal of the Acoustical Society of America</i> , 2003, 113, 1631-1645.	1.1	29
8	Human Auditory Detection and Discrimination Measured with the Pupil Dilation Response. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2020, 21, 43-59.	1.8	12
9	Object localization in cluttered acoustical environments. <i>Biological Cybernetics</i> , 2008, 98, 579-586.	1.3	3
10	Differential visual and auditory effects in a crossmodal induced Roelofs illusion.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2022, 48, 232-245.	0.9	2
11	Learned modification of the nictitating membrane reflex by auditory stimuli in the barn owl. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2005, 191, 627-637.	1.6	0