

# Stewart D Shipp

## List of Publications by Year in descending order

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39  
papers

7,069  
citations

186265  
28  
h-index

361022  
35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

4958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Area V5 of the Human Brain: Evidence from a Combined Study Using Positron Emission Tomography and Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 1993, 3, 79-94.	2.9	1,236
2	The functional logic of cortical connections. <i>Nature</i> , 1988, 335, 311-317.	27.8	1,122
3	Predictions not commands: active inference in the motor system. <i>Brain Structure and Function</i> , 2013, 218, 611-643.	2.3	557
4	Segregation of pathways leading from area V2 to areas V4 and V5 of macaque monkey visual cortex. <i>Nature</i> , 1985, 315, 322-324.	27.8	428
5	The brain circuitry of attention. <i>Trends in Cognitive Sciences</i> , 2004, 8, 223-230.	7.8	349
6	The functional logic of cortico-pulvinar connections. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 1605-1624.	4.0	336
7	Cerebral hierarchies: predictive processing, precision and the pulvinar. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140169.	4.0	306
8	The Organization of Connections between Areas V5 and V1 in Macaque Monkey Visual Cortex. <i>European Journal of Neuroscience</i> , 1989, 1, 309-332.	2.6	266
9	Neural Elements for Predictive Coding. <i>Frontiers in Psychology</i> , 2016, 7, 1792.	2.1	218
10	Functional Demarcation of a Border Between Areas V6 and V6A in the Superior Parietal Gyrus of the Macaque Monkey. <i>European Journal of Neuroscience</i> , 1996, 8, 30-52.	2.6	215
11	A visuo-somatomotor pathway through superior parietal cortex in the macaque monkey: cortical connections of areas V6 and V6A. <i>European Journal of Neuroscience</i> , 1998, 10, 3171-3193.	2.6	189
12	Reflections on agranular architecture: predictive coding in the motor cortex. <i>Trends in Neurosciences</i> , 2013, 36, 706-716.	8.6	185
13	Structure and function of the cerebral cortex. <i>Current Biology</i> , 2007, 17, R443-R449.	3.9	176
14	The cerebral activity related to the visual perception of forward motion in depth. <i>Brain</i> , 1994, 117, 1039-1054.	7.6	173
15	The Organization of Connections between Areas V5 and V2 in Macaque Monkey Visual Cortex. <i>European Journal of Neuroscience</i> , 1989, 1, 333-354.	2.6	166
16	Modular Connections between Areas V2 and V4 of Macaque Monkey Visual Cortex. <i>European Journal of Neuroscience</i> , 1989, 1, 494-506.	2.6	148
17	The importance of being agranular: a comparative account of visual and motor cortex. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 797-814.	4.0	111
18	The brain activity related to residual motion vision in a patient with bilateral lesions of V5. <i>Brain</i> , 1994, 117, 1023-1038.	7.6	110

#	ARTICLE	IF	CITATIONS
19	Retinotopic Maps in Human Prestriate Visual Cortex: The Demarcation of Areas V2 and V3. <i>NeuroImage</i> , 1995, 2, 125-132.	4.2	91
20	The functional organization of area V2, I: Specialization across stripes and layers. <i>Visual Neuroscience</i> , 2002, 19, 187-210.	1.0	89
21	Visuotopic organization of the lateral suprasylvian area and of an adjacent area of the ectosylvian gyrus of cat cortex: A physiological and connectional study. <i>Visual Neuroscience</i> , 1991, 6, 315-338.	1.0	88
22	Feature Binding in the Feedback Layers of Area V2. <i>Cerebral Cortex</i> , 2009, 19, 2230-2239.	2.9	86
23	The functional logic of corticostriatal connections. <i>Brain Structure and Function</i> , 2017, 222, 669-706.	2.3	81
24	Corticopulvinar connections of areas V5, V4, and V3 in the macaque monkey: A dual model of retinal and cortical topographies. <i>Journal of Comparative Neurology</i> , 2001, 439, 469-490.	1.6	70
25	Organization of reciprocal connections between area 17 and the lateral suprasylvian area of cat visual cortex. <i>Visual Neuroscience</i> , 1991, 6, 339-355.	1.0	62
26	Hierarchical Representation for Chromatic Processing across Macaque V1, V2, and V4. <i>Neuron</i> , 2020, 108, 538-550.e5.	8.1	46
27	Differential Feedback Modulation of Center and Surround Mechanisms in Parvocellular Cells in the Visual Thalamus. <i>Journal of Neuroscience</i> , 2012, 32, 15946-15951.	3.6	41
28	The functional organization of area V2, II: The impact of stripes on visual topography. <i>Visual Neuroscience</i> , 2002, 19, 211-231.	1.0	31
29	Spatially Distributed Encoding of Covert Attentional Shifts in Human Thalamus. <i>Journal of Neurophysiology</i> , 2010, 104, 3644-3656.	1.8	26
30	Figure-ground modulation in awake primate thalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7085-7090.	7.1	24
31	Impact of acute intraocular pressure elevation on the visual acuity of non-human primates. <i>EBioMedicine</i> , 2019, 44, 554-562.	6.1	11
32	Interhemispheric integration in visual search. <i>Neuropsychologia</i> , 2011, 49, 2630-2647.	1.6	9
33	Transduction catalysis: Doxorubicin amplifies rAAV-mediated gene expression in the cortex of higher-order vertebrates. <i>IScience</i> , 2021, 24, 102685.	4.1	7
34	Visual Processing: The odd couple. <i>Current Biology</i> , 1995, 5, 116-119.	3.9	6
35	Visualizing the motion area. <i>Current Biology</i> , 1993, 3, 100.	3.9	4
36	Immediate Impact of Acute Elevation of Intraocular Pressure on Cortical Visual Motion Processing. , 2020, 61, 59.		4

#	ARTICLE	IF	CITATIONS
37	Fundamentals of Association Cortex. , 0, , 387-422.		2
38	Cerebrocartography. Current Biology, 1996, 6, 1360-1362.	3.9	0
39	Motion Processing: Where the Medium Is the Message. Current Biology, 2007, 17, R1010-R1013.	3.9	0