

# Alexander Borst

## List of Publications by Citations

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148  
papers

9,808  
citations

53  
h-index

96  
g-index

154  
ext. papers

11,311  
ext. citations

8.8  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
148	Information theory and neural coding. <i>Nature Neuroscience</i> , <b>1999</b> , 2, 947-57	25.5	754
147	Drosophila mushroom body mutants are deficient in olfactory learning. <i>Journal of Neurogenetics</i> , <b>1985</b> , 2, 1-30	1.6	570
146	A genetically encoded calcium indicator for chronic in vivo two-photon imaging. <i>Nature Methods</i> , <b>2008</b> , 5, 805-11	21.6	402
145	Principles of visual motion detection. <i>Trends in Neurosciences</i> , <b>1989</b> , 12, 297-306	13.3	373
144	Fluorescence changes of genetic calcium indicators and OGB-1 correlated with neural activity and calcium in vivo and in vitro. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 7399-411	6.6	366
143	A FRET-based calcium biosensor with fast signal kinetics and high fluorescence change. <i>Biophysical Journal</i> , <b>2006</b> , 90, 1790-6	2.9	249
142	Fly motion vision. <i>Annual Review of Neuroscience</i> , <b>2010</b> , 33, 49-70	17	246
141	A directional tuning map of Drosophila elementary motion detectors. <i>Nature</i> , <b>2013</b> , 500, 212-6	50.4	241
140	ON and OFF pathways in Drosophila motion vision. <i>Nature</i> , <b>2010</b> , 468, 300-4	50.4	234
139	One rule to grow them all: a general theory of neuronal branching and its practical application. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000877	5	226
138	Neural networks in the cockpit of the fly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2002</b> , 188, 419-37	2.3	212
137	Computational structure of a biological motion-detection system as revealed by local detector analysis in the fly's nervous system. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1989</b> , 6, 1070-87	1.8	197
136	In vivo performance of genetically encoded indicators of neural activity in flies. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 4766-78	6.6	182
135	Seeing things in motion: models, circuits, and mechanisms. <i>Neuron</i> , <b>2011</b> , 71, 974-94	13.9	176
134	Response properties of motion-sensitive visual interneurons in the lobula plate of Drosophila melanogaster. <i>Current Biology</i> , <b>2008</b> , 18, 368-74	6.3	157
133	Dendritic integration and its role in computing image velocity. <i>Science</i> , <b>1998</b> , 281, 1848-50	33.3	143
132	Transient and steady-state response properties of movement detectors. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1989</b> , 6, 116-27	1.8	142

131	Drosophila's view on insect vision. <i>Current Biology</i> , <b>2009</b> , 19, R36-47	6.3	140
130	Common circuit design in fly and mammalian motion vision. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 1067-76	25.5	132
129	Internal structure of the fly elementary motion detector. <i>Neuron</i> , <b>2011</b> , 70, 1155-64	13.9	129
128	Object tracking in motion-blind flies. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 730-8	25.5	109
127	Mechanisms of dendritic integration underlying gain control in fly motion-sensitive interneurons. <i>Journal of Computational Neuroscience</i> , <b>1995</b> , 2, 5-18	1.4	108
126	Fly visual course control: behaviour, algorithms and circuits. <i>Nature Reviews Neuroscience</i> , <b>2014</b> , 15, 590-603	23.5	107
125	Adaptation without parameter change: Dynamic gain control in motion detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 6172-6	11.5	98
124	Flight activity alters velocity tuning of fly motion-sensitive neurons. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 9231-7	6.6	95
123	The intrinsic electrophysiological characteristics of fly lobula plate tangential cells: I. Passive membrane properties. <i>Journal of Computational Neuroscience</i> , <b>1996</b> , 3, 313-36	1.4	92
122	Amplification of high-frequency synaptic inputs by active dendritic membrane processes. <i>Nature</i> , <b>1996</b> , 379, 639-641	50.4	92
121	Visual Circuits for Direction Selectivity. <i>Annual Review of Neuroscience</i> , <b>2017</b> , 40, 211-230	17	91
120	Encoding of visual motion information and reliability in spiking and graded potential neurons. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 4809-19	6.6	88
119	Osmotropotaxis in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>1982</b> , 147, 479-484	2.3	86
118	Neural mechanism underlying complex receptive field properties of motion-sensitive interneurons. <i>Nature Neuroscience</i> , <b>2004</b> , 7, 628-34	25.5	85
117	Visualizing retinotopic half-wave rectified input to the motion detection circuitry of <i>Drosophila</i> . <i>Nature Neuroscience</i> , <b>2010</b> , 13, 973-8	25.5	84
116	Heterogeneity in synaptic transmission along a <i>Drosophila</i> larval motor axon. <i>Nature Neuroscience</i> , <b>2005</b> , 8, 1188-96	25.5	84
115	Columnar cells necessary for motion responses of wide-field visual interneurons in <i>Drosophila</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2012</b> , 198, 389-95	2.3	80
114	Optogenetic and pharmacologic dissection of feedforward inhibition in <i>Drosophila</i> motion vision. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 2254-63	6.6	75

113	Dendritic computation of direction selectivity and gain control in visual interneurons. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 6023-30	6.6	75
112	The morphological identity of insect dendrites. <i>PLoS Computational Biology</i> , <b>2008</b> , 4, e1000251	5	75
111	Neural Circuit to Integrate Opposing Motions in the Visual Field. <i>Cell</i> , <b>2015</b> , 162, 351-362	56.2	73
110	The Temporal Tuning of the Drosophila Motion Detectors Is Determined by the Dynamics of Their Input Elements. <i>Current Biology</i> , <b>2017</b> , 27, 929-944	6.3	67
109	Integration of lobula plate output signals by DNOVS1, an identified premotor descending neuron. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 1992-2000	6.6	66
108	Optogenetic control of fly optomotor responses. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 13927-34	6.6	60
107	Adaptation of response transients in fly motion vision. II: Model studies. <i>Vision Research</i> , <b>2003</b> , 43, 1309-22		60
106	Recurrent network interactions underlying flow-field selectivity of visual interneurons. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 5685-92	6.6	59
105	Dendritic integration of motion information in visual interneurons of the blowfly. <i>Neuroscience Letters</i> , <b>1992</b> , 140, 173-6	3.3	59
104	Complementary mechanisms create direction selectivity in the fly. <i>ELife</i> , <b>2016</b> , 5,	8.9	59
103	Comprehensive Characterization of the Major Presynaptic Elements to the Drosophila OFF Motion Detector. <i>Neuron</i> , <b>2016</b> , 89, 829-41	13.9	58
102	Dendro-dendritic interactions between motion-sensitive large-field neurons in the fly. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 3227-33	6.6	57
101	The intrinsic electrophysiological characteristics of fly lobula plate tangential cells: II. Active membrane properties. <i>Journal of Computational Neuroscience</i> , <b>1997</b> , 4, 349-69	1.4	56
100	Active membrane properties and signal encoding in graded potential neurons. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 7972-86	6.6	56
99	Functional specialization of parallel motion detection circuits in the fly. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 902-5	6.6	55
98	Contour-propagation algorithms for semi-automated reconstruction of neural processes. <i>Journal of Neuroscience Methods</i> , <b>2008</b> , 167, 349-57	3	54
97	Quantifying variability in neural responses and its application for the validation of model predictions. <i>Network: Computation in Neural Systems</i> , <b>2004</b> , 15, 91-109	0.7	53
96	The intrinsic electrophysiological characteristics of fly lobula plate tangential cells: III. Visual response properties. <i>Journal of Computational Neuroscience</i> , <b>1999</b> , 7, 213-34	1.4	53

95	How Do Flies Land?. <i>BioScience</i> , <b>1990</b> , 40, 292-299	5-7	53
94	The TREES toolbox--probing the basis of axonal and dendritic branching. <i>Neuroinformatics</i> , <b>2011</b> , 9, 91-63,2	3.2	52
93	Central gating of fly optomotor response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20104-9	11.5	52
92	Are there separate ON and OFF channels in fly motion vision?. <i>Visual Neuroscience</i> , <b>1992</b> , 8, 151-64	1.7	51
91	Neural circuit components of the Drosophila OFF motion vision pathway. <i>Current Biology</i> , <b>2014</b> , 24, 385-82	6.2	50
90	Asymmetry of Drosophila ON and OFF motion detectors enhances real-world velocity estimation. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 706-715	25.5	49
89	Nonlinear integration of binocular optic flow by DNOVS2, a descending neuron of the fly. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 3131-40	6.6	49
88	Sharing receptive fields with your neighbors: tuning the vertical system cells to wide field motion. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 3985-93	6.6	48
87	Nonlinear, binocular interactions underlying flow field selectivity of a motion-sensitive neuron. <i>Nature Neuroscience</i> , <b>2006</b> , 9, 1312-20	25.5	47
86	Different receptive fields in axons and dendrites underlie robust coding in motion-sensitive neurons. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 327-32	25.5	46
85	Effects of mean firing on neural information rate. <i>Journal of Computational Neuroscience</i> , <b>2001</b> , 10, 213-214	21.4	46
84	Robust coding of flow-field parameters by axo-axonal gap junctions between fly visual interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 10229-33	11.5	45
83	The role of GABA in detecting visual motion. <i>Brain Research</i> , <b>1990</b> , 509, 156-60	3.7	45
82	Spatial distribution and characteristics of voltage-gated calcium signals within visual interneurons. <i>Journal of Neurophysiology</i> , <b>2000</b> , 83, 1039-51	3.2	41
81	Functional Specialization of Neural Input Elements to the Drosophila ON Motion Detector. <i>Current Biology</i> , <b>2015</b> , 25, 2247-53	6.3	40
80	Visual information processing in the fly's landing system. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>1988</b> , 163, 167-173	2.3	40
79	Candidate glutamatergic neurons in the visual system of Drosophila. <i>PLoS ONE</i> , <b>2011</b> , 6, e19472	3.7	39
78	Synaptic organization of lobula plate tangential cells in Drosophila: gamma-aminobutyric acid receptors and chemical release sites. <i>Journal of Comparative Neurology</i> , <b>2007</b> , 502, 598-610	3.4	39

77	Spatial distribution of low- and high-voltage-activated calcium currents in neurons of the deep cerebellar nuclei. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, RC158	6.6	39
76	Computation of olfactory signals in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>1983</b> , 152, 373-383	2.3	39
75	How fly neurons compute the direction of visual motion. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2020</b> , 206, 109-124	2.3	39
74	Quantifying variability in neural responses and its application for the validation of model predictions. <i>Network: Computation in Neural Systems</i> , <b>2004</b> , 15, 91-109	0.7	38
73	Neural image processing by dendritic networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 11082-5	11.5	37
72	Robust coding of ego-motion in descending neurons of the fly. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 14993-5000	6.00	36
71	Synapse distribution on VCH, an inhibitory, motion-sensitive interneuron in the fly visual system. <i>Journal of Comparative Neurology</i> , <b>1997</b> , 381, 489-499	3.4	36
70	Dye-coupling visualizes networks of large-field motion-sensitive neurons in the fly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2005</b> , 191, 445-54	2.3	33
69	Dendritic processing of synaptic information by sensory interneurons. <i>Trends in Neurosciences</i> , <b>1994</b> , 17, 257-63	13.3	33
68	Bio-inspired visual ego-rotation sensor for MAVs. <i>Biological Cybernetics</i> , <b>2012</b> , 106, 51-63	2.8	31
67	Local and global motion preferences in descending neurons of the fly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2009</b> , 195, 1107-20	2.3	31
66	Optogenetic Neuronal Silencing in <i>Drosophila</i> during Visual Processing. <i>Scientific Reports</i> , <b>2017</b> , 7, 13823	4.9	30
65	Neurons with cholinergic phenotype in the visual system of <i>Drosophila</i> . <i>Journal of Comparative Neurology</i> , <b>2011</b> , 519, 162-76	3.4	30
64	Input organization of multifunctional motion-sensitive neurons in the blowfly. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 9805-11	6.6	30
63	Different mechanisms of calcium entry within different dendritic compartments. <i>Journal of Neurophysiology</i> , <b>2002</b> , 87, 1616-24	3.2	30
62	Mechanisms of dendritic calcium signaling in fly neurons. <i>Journal of Neurophysiology</i> , <b>2001</b> , 85, 439-47	3.2	30
61	Correlation versus gradient type motion detectors: the pros and cons. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 362, 369-74	5.8	28
60	Models of motion detection. <i>Nature Neuroscience</i> , <b>2000</b> , 3 Suppl, 1168	25.5	28

59	A common directional tuning mechanism of motion-sensing neurons in the ON and in the OFF pathway. <i>ELife</i> , <b>2017</b> , 6,	8.9	28
58	Neural Mechanisms for Drosophila Contrast Vision. <i>Neuron</i> , <b>2015</b> , 88, 1240-1252	13.9	27
57	Preserving neural function under extreme scaling. <i>PLoS ONE</i> , <b>2013</b> , 8, e71540	3.7	26
56	Synaptic organization of lobula plate tangential cells in Drosophila: Dalpha7 cholinergic receptors. <i>Journal of Neurogenetics</i> , <b>2009</b> , 23, 200-9	1.6	25
55	Local motion detectors are required for the computation of expansion flow-fields. <i>Biology Open</i> , <b>2015</b> , 4, 1105-8	2.2	24
54	In search of the Holy Grail of fly motion vision. <i>European Journal of Neuroscience</i> , <b>2014</b> , 40, 3285-93	3.5	23
53	Neural action fields for optic flow based navigation: a simulation study of the fly lobula plate network. <i>PLoS ONE</i> , <b>2011</b> , 6, e16303	3.7	22
52	An FPGA implementation of insect-inspired motion detector for high-speed vision systems <b>2008</b> ,		21
51	Noise, not stimulus entropy, determines neural information rate. <i>Journal of Computational Neuroscience</i> , <b>2003</b> , 14, 23-31	1.4	21
50	Extreme Compartmentalization in a Drosophila Amacrine Cell. <i>Current Biology</i> , <b>2019</b> , 29, 1545-1550.e2	6.3	20
49	Electrical coupling of lobula plate tangential cells to a heterolateral motion-sensitive neuron in the fly. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 14435-42	6.6	20
48	Transgenic line for the identification of cholinergic release sites in. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 1405-1410	3	19
47	Cholinergic and GABAergic pathways in fly motion vision. <i>BMC Neuroscience</i> , <b>2001</b> , 2, 1	3.2	19
46	Subcellular mapping of dendritic activity in optic flow processing neurons. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2014</b> , 200, 359-70	2.3	18
45	Reciprocal inhibitory connections within a neural network for rotational optic-flow processing. <i>Frontiers in Neuroscience</i> , <b>2007</b> , 1, 111-21	5.1	18
44	RNA-Seq Transcriptome Analysis of Direction-Selective T4/T5 Neurons in Drosophila. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163986	3.7	18
43	A biophysical mechanism for preferred direction enhancement in fly motion vision. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006240	5	17
42	Adaptation and information transmission in fly motion detection. <i>Journal of Neurophysiology</i> , <b>2007</b> , 98, 3309-20	3.2	17

41	Local current spread in electrically compact neurons of the fly. <i>Neuroscience Letters</i> , <b>2000</b> , 285, 123-6	3.3	17
40	Dynamic Signal Compression for Robust Motion Vision in Flies. <i>Current Biology</i> , <b>2020</b> , 30, 209-221.e8	6.3	15
39	Coding efficiency of fly motion processing is set by firing rate, not firing precision. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000860	5	15
38	Relating a calcium indicator signal to the unperturbed calcium concentration time-course. <i>Theoretical Biology and Medical Modelling</i> , <b>2007</b> , 4, 7	2.3	15
37	Neural Circuits for Motion Vision in the Fly. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2014</b> , 79, 131-9	3.9	14
36	Bi-directional Control of Walking Behavior by Horizontal Optic Flow Sensors. <i>Current Biology</i> , <b>2018</b> , 28, 4037-4045.e5	6.3	14
35	Integration of binocular optic flow in cervical neck motor neurons of the fly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2012</b> , 198, 655-68	2.3	13
34	Spatiotemporal response properties of optic-flow processing neurons. <i>Neuron</i> , <b>2010</b> , 67, 629-42	13.9	13
33	Disentangling the functional consequences of the connectivity between optic-flow processing neurons. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 441-8, S1-2	25.5	11
32	Transcriptional control of morphological properties of direction-selective T4/T5 neurons in. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	11
31	Glutamate Signaling in the Fly Visual System. <i>iScience</i> , <b>2018</b> , 7, 85-95	6.1	11
30	Optic flow-based course control in insects. <i>Current Opinion in Neurobiology</i> , <b>2020</b> , 60, 21-27	7.6	10
29	Insect-inspired high-speed motion vision system for robot control. <i>Biological Cybernetics</i> , <b>2012</b> , 106, 453-68		9
28	Neural circuits for elementary motion detection. <i>Journal of Neurogenetics</i> , <b>2014</b> , 28, 361-73	1.6	8
27	Neural mechanisms underlying sensitivity to reverse-phi motion in the fly. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189019	3.7	7
26	Conditional protein tagging methods reveal highly specific subcellular distribution of ion channels in motion-sensing neurons. <i>ELife</i> , <b>2020</b> , 9,	8.9	7
25	A combinatorial code of transcription factors specifies subtypes of visual motion-sensing neurons in. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	7
24	Efficient encoding of motion is mediated by gap junctions in the fly visual system. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005846	5	6



23	Propagation of photon noise and information transfer in visual motion detection. <i>Journal of Computational Neuroscience</i> , <b>2006</b> , 20, 167-78	1.4	6
22	Direction selectivity in ganglion cells: pre or post?. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 119-20	25.5	6
21	Neural mechanism of spatio-chromatic opponency in the Drosophila amacrine neurons. <i>Current Biology</i> , <b>2021</b> , 31, 3040-3052.e9	6.3	6
20	A biophysical account of multiplication by a single neuron.. <i>Nature</i> , <b>2022</b> , 603, 119-123	50.4	6
19	Electrophysiological Recordings from Lobula Plate Tangential Cells in Drosophila. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1478, 321-332	1.4	5
18	Dendritic end inhibition in large-field visual neurons of the fly. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 3659-67.6		4
17	Aerial course stabilization is impaired in motion-blind flies. <i>Journal of Experimental Biology</i> , <b>2021</b> , 224,	3	4
16	Visual Flight Control of a Quadrotor Using Bioinspired Motion Detector. <i>International Journal of Navigation and Observation</i> , <b>2012</b> , 2012, 1-9		3
15	Anatomical distribution and functional roles of electrical synapses in Drosophila.. <i>Current Biology</i> , <b>2022</b> ,	6.3	3
14	Motion Vision in Arthropods <b>2019</b> , 318-344		2
13	Complementary motion tuning in frontal nerve motor neurons of the blowfly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2015</b> , 201, 411-26	2.3	2
12	ON and OFF Pathways in Drosophila Motion Detection. <i>E-Neuroforum</i> , <b>2011</b> , 17, 30-32		2
11	The broader, the better? Drosophila olfactory interneurons are found to respond to a wider range of odorants than their immediate sensory input. <i>Neuron</i> , <b>2007</b> , 54, 6-8	13.9	2
10	Non-uniform weighting of local motion inputs underlies dendritic computation in the fly visual system. <i>Scientific Reports</i> , <b>2018</b> , 8, 5787	4.9	1
9	Seeing Natural Images through the Eye of a Fly with Remote Focusing Two-Photon Microscopy. <i>iScience</i> , <b>2020</b> , 23, 101170	6.1	0
8	The neural network behind the eyes of a fly. <i>Current Opinion in Physiology</i> , <b>2020</b> , 16, 33-42	2.6	0
7	Maximally efficient prediction in the early fly visual system may support evasive flight maneuvers. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1008965	5	0
6	Modelling the Cellular Mechanisms of Fly Optic Flow Processing. <i>Springer Series in Computational Neuroscience</i> , <b>2014</b> , 259-275	1.1	

- 5 Das Bewegungssehen der Fliege: vom optischen Fluss zur visuellen Kurskontrolle. *E-Neuroforum*, **2012**, 18, 246-253
- 4 Correlation versus gradient type motion detectors: the pros and cons 63-73
- 3 Neurophysiology: recording from neurons in action. *Current Biology*, **2010**, 20, R679-80 6.3
- 2 Visual Motion Detection in *Drosophila* **2013**, 1-15
- 1 Visual Motion Detection in *Drosophila* **2022**, 3568-3581