

Benjamin H White

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,873
citations

331670

21
h-index

414414

32
g-index

41
all docs

41
docs citations

41
times ranked

2957
citing authors

#	ARTICLE	IF	CITATIONS
1	A Neural Circuit Mechanism Integrating Motivational State with Memory Expression in <i>Drosophila</i> . <i>Cell</i> , 2009, 139, 416-427.	28.9	484
2	Refined Spatial Manipulation of Neuronal Function by Combinatorial Restriction of Transgene Expression. <i>Neuron</i> , 2006, 52, 425-436.	8.1	414
3	Plug-and-Play Genetic Access to <i>Drosophila</i> Cell Types using Exchangeable Exon Cassettes. <i>Cell Reports</i> , 2015, 10, 1410-1421.	6.4	298
4	The Neural Substrate of Spectral Preference in <i>Drosophila</i> . <i>Neuron</i> , 2008, 60, 328-342.	8.1	274
5	Functional Dissection of a Neuronal Network Required for Cuticle Tanning and Wing Expansion in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2006, 26, 573-584.	3.6	168
6	A single pair of interneurons commands the <i>Drosophila</i> feeding motor program. <i>Nature</i> , 2013, 499, 83-87.	27.8	123
7	A Novel Approach for Directing Transgene Expression in <i>Drosophila</i> : T2A-Gal4 In-Frame Fusion. <i>Genetics</i> , 2012, 190, 1139-1144.	2.9	112
8	Bursicon Functions within the <i>Drosophila</i> CNS to Modulate Wing Expansion Behavior, Hormone Secretion, and Cell Death. <i>Journal of Neuroscience</i> , 2008, 28, 14379-14391.	3.6	106
9	A Hard-Wired Glutamatergic Circuit Pools and Relays UV Signals to Mediate Spectral Preference in <i>Drosophila</i> . <i>Neuron</i> , 2014, 81, 603-615.	8.1	106
10	Characterization of the Decision Network for Wing Expansion in <i>Drosophila</i> Using Targeted Expression of the TRPM8 Channel. <i>Journal of Neuroscience</i> , 2009, 29, 3343-3353.	3.6	78
11	Local Control of Intestinal Stem Cell Homeostasis by Enteroendocrine Cells in the Adult <i>Drosophila</i> Midgut. <i>Current Biology</i> , 2014, 24, 1199-1211.	3.9	72
12	Neural and Hormonal Control of Postecdysial Behaviors in Insects. <i>Annual Review of Entomology</i> , 2014, 59, 363-381.	11.8	66
13	A Genetic Toolkit for Dissecting Dopamine Circuit Function in <i>Drosophila</i> . <i>Cell Reports</i> , 2018, 23, 652-665.	6.4	65
14	Focusing Transgene Expression in <i>Drosophila</i> by Coupling Gal4 With a Novel Split-LexA Expression System. <i>Genetics</i> , 2011, 188, 229-233.	2.9	54
15	Enteric neurons increase maternal food intake during reproduction. <i>Nature</i> , 2020, 587, 455-459.	27.8	53
16	Facilitating Neuron-Specific Genetic Manipulations in <i>Drosophila melanogaster</i> Using a Split GAL4 Repressor. <i>Genetics</i> , 2017, 206, 775-784.	2.9	51
17	Neural circuitry coordinating male copulation. <i>ELife</i> , 2016, 5, .	6.0	50
18	The Splice Isoforms of the <i>Drosophila</i> Ecdysis Triggering Hormone Receptor Have Developmentally Distinct Roles. <i>Genetics</i> , 2016, 202, 175-189.	2.9	42

#	ARTICLE	IF	CITATIONS
19	Combinatorial methods for refined neuronal gene targeting. <i>Current Opinion in Neurobiology</i> , 2007, 17, 572-580.	4.2	35
20	The <i>Drosophila</i> Split Gal4 System for Neural Circuit Mapping. <i>Frontiers in Neural Circuits</i> , 2020, 14, 603397.	2.8	32
21	A kinase-dependent feedforward loop affects CREBB stability and long term memory formation. <i>ELife</i> , 2018, 7, .	6.0	29
22	Neuromodulatory connectivity defines the structure of a behavioral neural network. <i>ELife</i> , 2017, 6, .	6.0	28
23	Neurotrapping: cellular screens to identify the neural substrates of behavior in <i>Drosophila</i> . <i>Frontiers in Molecular Neuroscience</i> , 2009, 2, 20.	2.9	23
24	Model Organisms in G Proteinâ€‘Coupled Receptor Research. <i>Molecular Pharmacology</i> , 2015, 88, 596-603.	2.3	21
25	Command and Compensation in a Neuromodulatory Decision Network. <i>Journal of Neuroscience</i> , 2012, 32, 880-889.	3.6	20
26	What genetic model organisms offer the study of behavior and neural circuits. <i>Journal of Neurogenetics</i> , 2016, 30, 54-61.	1.4	19
27	Non-canonical Eclosion Hormone-Expressing Cells Regulate <i>Drosophila</i> Ecdysis. <i>IScience</i> , 2020, 23, 101108.	4.1	17
28	Eclosion gates progression of the adult ecdysis sequence of <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 4395-402.	1.7	7
29	Pupal behavior emerges from unstructured muscle activity in response to neuromodulation in <i>Drosophila</i> . <i>ELife</i> , 2021, 10, .	6.0	6
30	Muscarinic acetylcholine receptor signaling generates OFF selectivity in a simple visual circuit. <i>Nature Communications</i> , 2019, 10, 4093.	12.8	5
31	Cre-assisted fine-mapping of neural circuits using orthogonal split inteins. <i>ELife</i> , 2020, 9, .	6.0	5