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## COMPLETE LIST OF PUBLICATIONS

Google Scholars: Published papers:	283	As of June 24, 2020
Average Citations/paper (ISI):	40.2	
Citation indices:	<u>All</u>	<u>Since 2015</u>
Citations:	14,279	4,496
h-index:	63	35
i10-index:	152	106

### 2020

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The genome of pest *Rhynchophorus ferrugineus* reveals key gene families important at the plant-beetle interface  
**Communications Biology**, **3**, 323, doi: 10.1038/s42003-020-1060-8 (2020)

Chen Y.C., and **Desplan C.**  
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**Curr Top Dev Biol.** **139**:89-125. doi: 10.1016/bs.ctdb.2020.02.010. (2020)  
**PMID**: 32450970

Wei H, Kyung H.Y., Kim P.J. and **Desplan C.**  
The Diversity of Lobula Plate Tangential Cells (LPTCs) in the *Drosophila* motion vision system  
**J. Comp. Physiol. A**, **206**:139–148 doi:10.1007/s00359-019-01380-y. (2020) **EY017916**  
PMCID: PMC7073280

Yan H., Jafari S., Pask G., Zhou X., Reinberg D., and **Desplan C.**  
Evolution, developmental expression and function of odorant receptors in insects  
**J. Exp. Biol.** **223**, jeb208215. doi:10.1242/jeb.208215 (2020) **ant grant**  
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Courgeon M., and **Desplan C.**  
Coordination between stochastic and deterministic specification in the *Drosophila* visual system.  
**Science** **366**, 1-11, doi: 10.1126/science.aay6727.2019 (2019) **EY13010**  
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Konstantinides N., Kapuralin K., Fadil C., Barboza L., Satija R., and **Desplan C.**  
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**Cell** **174**, 622-635 (2018). **EY017916**  
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Pinto-Teixeira F., Koo C., Rossi A., Neriec N., Bertet C., DelValle Rodriguez A., and **Desplan C.**  
Development of concurrent retinotopic maps in the fly motion detection circuit.  
**Cell** **173**, 485-498 (2018). **EY017916**  
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Barnhart E.L., Wang I.E., Wei H., **Desplan C\***, & Clandinin\* T.R.  
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**Neuron** **100**, 229-243 (2018). **EY017916**  
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Konstantinides N, Degabriel S, and **Desplan C.**  
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PMCID: PMC6419771 **EY13012**

Ebadi H, Perry M, Short K, Klemm K, **Desplan C**, Stadler PF, Mehta A.  
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**PLoS Comput Biol.** **14**(11):e1006363. doi: 10.1371/journal.pcbi.1006363 (2018) **EY13010**  
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**Annu Rev Genet.** 2018 Sep 12. doi: 10.1146/annurev-genet-120116-024456 **EY13010**  
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**Annu Rev Genet.** 2017 **27**;51:501-527. doi: 10.1146/annurev-genet-120215-035312.  
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An engineered *orco* mutation in ants produces aberrant social behavior and defective neural development  
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**Science** **357**, 886-891 Article (2017)

PMCID: PMC5835562 **EY13012**

Rossi AM, **Desplan C.**

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