Eyal D Schejter

List of Publications by Year
in descending order

36	1,485	331670	345221
papers	citations	21 h-index	36 g-index

39	39	39	1743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SCAR is a primary regulator of Arp2/3-dependent morphological events in Drosophila. Journal of Cell Biology, 2002, 156, 689-701.	5.2	244
2	WIP/WASp-Based Actin-Polymerization Machinery Is Essential for Myoblast Fusion in Drosophila. Developmental Cell, 2007, 12, 557-569.	7.0	140
3	Mutations in centrosomin reveal requirements for centrosomal function during early Drosophila embryogenesis. Current Biology, 1999, 9, 889-898.	3.9	119
4	The actin regulator N-WASp is required for muscle-cell fusion in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11211-11216.	7.1	88
5	Orchestrated content release from Drosophila glue-protein vesicles by a contractile actomyosinÂnetwork. Nature Cell Biology, 2016, 18, 181-190.	10.3	72
6	WAVE/SCAR, a multifunctional complex coordinating different aspects of neuronal connectivity. Developmental Biology, 2004, 274, 260-270.	2.0	70
7	The SCAR and WASp nucleationâ€promoting factors act sequentially to mediate Drosophila myoblast fusion. EMBO Reports, 2009, 10, 1043-1050.	4.5	66
8	The Edges of Pancreatic Islet Î² Cells Constitute Adhesive and Signaling Microdomains. Cell Reports, 2015, 10, 317-325.	6.4	62
9	ERK1/2 inhibition promotes robust myotube growth via CaMKII activation resulting in myoblast-to-myotube fusion. Developmental Cell, 2021, 56, 3349-3363.e6.	7.0	45
10	Self-Organized Shuttling: Generating Sharp Dorsoventral Polarity in the Early Drosophila Embryo. Cell, 2012, 150, 1016-1028.	28.9	44
11	Bidirectional Notch activation represses fusion competence in swarming adultDrosophilamyoblasts. Development (Cambridge), 2012, 139, 4040-4050.	2.5	42
12	Born to run: creating the muscle fiber. Current Opinion in Cell Biology, 2010, 22, 566-574.	5.4	41
13	Creating gradients by morphogen shuttling. Trends in Genetics, 2013, 29, 339-347.	6.7	41
14	The actin nucleator WASp is required for myoblast fusion during adultDrosophilamyogenesis. Development (Cambridge), 2011, 138, 2347-2357.	2.5	39
15	Surface apposition and multiple cell contacts promote myoblast fusion in Drosophila flight muscles. Journal of Cell Biology, 2015, 211, 191-203.	5.2	39
16	Feedback inhibition of actin on Rho mediates content release from large secretory vesicles. Journal of Cell Biology, 2018, 217, 1815-1826.	5.2	38
17	Adhesion and Fusion of Muscle Cells Are Promoted by Filopodia. Developmental Cell, 2016, 38, 291-304.	7.0	37
18	The Drosophila formin Fhos is a primary mediator of sarcomeric thin-filament array assembly. ELife, 2016, 5, .	6.0	36

#	Article	IF	Citations
19	A WntD-Dependent Integral Feedback Loop Attenuates Variability in Drosophila Toll Signaling. Developmental Cell, 2016, 36, 401-414.	7.0	36
20	Myoblast fusion: Experimental systems and cellular mechanisms. Seminars in Cell and Developmental Biology, 2016, 60, 112-120.	5.0	31
21	N-WASP Is Required for Structural Integrity of the Blood-Testis Barrier. PLoS Genetics, 2014, 10, e1004447.	3.5	30
22	Periodic patterning of the Drosophila eye is stabilized by the diffusible activator Scabrous. Nature Communications, 2016, 7, 10461.	12.8	28
23	Death by over-eating: The Gaucher disease associated gene GBA1, identified in a screen for mediators of autophagic cell death, is necessary for developmental cell death in Drosophila midgut. Cell Cycle, 2017, 16, 2003-2010.	2.6	21
24	Exocytosis by vesicle crumpling maintains apical membrane homeostasis during exocrine secretion. Developmental Cell, 2021, 56, 1603-1616.e6.	7.0	20
25	Dynamics of Spaetzle morphogen shuttling in the Drosophila embryo shapes gastrulation patterning. Development (Cambridge), 2019, 146, .	2.5	16
26	Microtubules provide guidance cues for myofibril and sarcomere assembly and growth. Developmental Dynamics, 2021, 250, 60-73.	1.8	7
27	Microtubule-dependent organization of subcortical microfilaments in the earlyDrosophila embryo. Developmental Dynamics, 2007, 236, 662-670.	1.8	6
28	Modular Tubes Common Principles of Renal Development. Current Biology, 2003, 13, R511-R513.	3.9	5
29	Assessing the Secretory Capacity of Pancreatic Acinar Cells. Journal of Visualized Experiments, 2014, , .	0.3	5
30	Generation and timing of graded responses to morphogen gradients. Development (Cambridge), 2021, 148, .	2.5	5
31	Making muscles- Arp, two, three. Fly, 2010, 4, 145-148.	1.7	4
32	Global shape of Toll activation is determined by wntD enhancer properties. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1552-1558.	7.1	3
33	Targeting secretion to the apical surface by mDia1-built actin tracks. Communicative and Integrative Biology, 2013, 6, e25660.	1.4	2
34	Actin Organization in the Early Drosophila Embryo. Novartis Foundation Symposium, 2008, , 127-143.	1.1	1
35	Delta traffic takes a sh-Arp turn. Nature Cell Biology, 2009, 11, 791-793.	10.3	1
36	Actin organization in the early Drosophila embryo. Novartis Foundation Symposium, 2005, 269, 127-38; discussion 138-43, 223-30.	1.1	1