Elena Seiradake

List of Publications by Year
in descending order

20	1,120	566801 15	752256 20
papers	citations	h-index	g-index

21	21	21	1731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An extracellular steric seeding mechanism for Eph-ephrin signaling platform assembly. Nature Structural and Molecular Biology, 2010, 17, 398-402.	3.6	186
2	FLRT Structure: Balancing Repulsion and Cell Adhesion in Cortical and Vascular Development. Neuron, 2014, 84, 370-385.	3.8	117
3	Structurally encoded intraclass differences in EphA clusters drive distinct cell responses. Nature Structural and Molecular Biology, 2013, 20, 958-964.	3.6	91
4	Structural Basis of Teneurin-Latrophilin Interaction in Repulsive Guidance of Migrating Neurons. Cell, 2020, 180, 323-339.e19.	13.5	91
5	Structural Perspectives on Axon Guidance. Annual Review of Cell and Developmental Biology, 2016, 32, 577-608.	4.0	85
6	Super-complexes of adhesion GPCRs and neural guidance receptors. Nature Communications, 2016, 7, 11184.	5.8	84
7	Correlative in-resin super-resolution and electron microscopy using standard fluorescent proteins. Scientific Reports, 2015, 5, 9583.	1.6	81
8	Structures of Teneurin adhesion receptors reveal an ancient fold for cell-cell interaction. Nature Communications, 2018, 9, 1079.	5.8	68
9	Structural Basis of Latrophilin-FLRT Interaction. Structure, 2015, 23, 774-781.	1.6	67
10	Structural basis for cell surface patterning through NetrinG-NGL interactions. EMBO Journal, 2011, 30, 4479-4488.	3.5	58
11	Interactions of the EphA2 Kinase Domain with PIPs in Membranes: Implications for Receptor Function. Structure, 2018, 26, 1025-1034.e2.	1.6	33
12	Structures of the EphA2 Receptor at the Membrane: Role of Lipid Interactions. Structure, 2016, 24, 337-347.	1.6	31
13	Homozygous Missense Variants in NTNG2, Encoding a Presynaptic Netrin-G2 Adhesion Protein, Lead to a Distinct Neurodevelopmental Disorder. American Journal of Human Genetics, 2019, 105, 1048-1056.	2.6	30
14	Robo1 Forms a Compact Dimer-of-Dimers Assembly. Structure, 2018, 26, 320-328.e4.	1.6	28
15	Production of Cell Surface and Secreted Glycoproteins in Mammalian Cells. Methods in Molecular Biology, 2015, 1261, 115-127.	0.4	27
16	Understanding the Structural Basis of Adhesion GPCR Functions. Handbook of Experimental Pharmacology, 2016, 234, 67-82.	0.9	16
17	Tumor-specific interendothelial adhesion mediated by FLRT2 facilitates cancer aggressiveness. Journal of Clinical Investigation, 2022, 132, .	3.9	13
18	Teneurin Structures Are Composed of Ancient Bacterial Protein Domains. Frontiers in Neuroscience, 2019, 13, 183.	1.4	8

#	Article	IF	Citations
19	The guidance and adhesion protein FLRT2 dimerizes in cis via dual small-X3-small transmembrane motifs. Structure, 2022, 30, 1354-1365.e5.	1.6	4
20	DIPping into the Fly Visual System. Neuron, 2018, 100, 1270-1272.	3.8	2