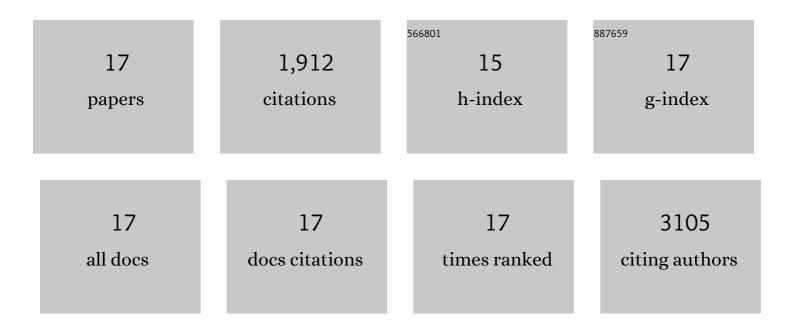
## **Charlotte H Coles**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9348313/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Proteoglycan-Specific Molecular Switch for RPTPÏ $f$ Clustering and Neuronal Extension. Science, 2011, 332, 484-488.	6.0	294
2	Posttranslational hydroxylation of ankyrin repeats in IÂB proteins by the hypoxia-inducible factor (HIF) asparaginyl hydroxylase, factor inhibiting HIF (FIH). Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14767-14772.	3.3	258
3	Initiation of T cell signaling by CD45 segregation at 'close contacts'. Nature Immunology, 2016, 17, 574-582.	7.0	253
4	Coordinating Neuronal Actin–Microtubule Dynamics. Current Biology, 2015, 25, R677-R691.	1.8	236
5	Asparaginyl Hydroxylation of the Notch Ankyrin Repeat Domain by Factor Inhibiting Hypoxia-inducible Factor. Journal of Biological Chemistry, 2007, 282, 24027-24038.	1.6	189
6	Structure of three tandem filamin domains reveals auto-inhibition of ligand binding. EMBO Journal, 2007, 26, 3993-4004.	3.5	134
7	Structural Basis for Plexin Activation and Regulation. Neuron, 2016, 91, 548-560.	3.8	89
8	RhoA Controls Axon Extension Independent of Specification in the Developing Brain. Current Biology, 2019, 29, 3874-3886.e9.	1.8	71
9	Carbohydrate and Domain Architecture of an Immature Antibody Glycoform Exhibiting Enhanced Effector Functions. Journal of Molecular Biology, 2009, 387, 1061-1066.	2.0	67
10	Structural basis for extracellular cis and trans RPTPÏ $f$ signal competition in synaptogenesis. Nature Communications, 2014, 5, 5209.	5.8	67
11	Chemical and Structural Analysis of an Antibody Folding Intermediate Trapped during Glycan Biosynthesis. Journal of the American Chemical Society, 2012, 134, 17554-17563.	6.6	65
12	Structural basis for cell surface patterning through NetrinG-NGL interactions. EMBO Journal, 2011, 30, 4479-4488.	3.5	58
13	Targeting phosphatase-dependent proteoglycan switch for rheumatoid arthritis therapy. Science Translational Medicine, 2015, 7, 288ra76.	5.8	44
14	TCRs with Distinct Specificity Profiles Use Different Binding Modes to Engage an Identical Peptide–HLA Complex. Journal of Immunology, 2020, 204, 1943-1953.	0.4	34
15	Extracellular regulation of type IIa receptor protein tyrosine phosphatases: mechanistic insights from structural analyses. Seminars in Cell and Developmental Biology, 2015, 37, 98-107.	2.3	31
16	T cell receptor interactions with human leukocyte antigen govern indirect peptide selectivity for the cancer testis antigen MAGE-A4. Journal of Biological Chemistry, 2020, 295, 11486-11494.	1.6	20
17	Microtubule Self-Organization via Protein-RNA Network Crosstalk. Cell, 2014, 158, 245-247.	13.5	2