Sophie E Broughton

List of Publications by Year
in descending order

17 papers	1,065 citations	623574 14 h-index	887953 17 g-index
18 all docs	18 docs citations	18 times ranked	1832 citing authors

#	Article	IF	Citations
1	A dual role for the N-terminal domain of the IL-3 receptor in cell signalling. Nature Communications, 2018, 9, 386.	5.8	28
2	Role of the Î² Common (Î²c) Family of Cytokines in Health and Disease. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028514.	2.3	28
3	The mechanism of GM-CSF inhibition by human GM-CSF auto-antibodies suggests novel therapeutic opportunities. MAbs, 2018, 10, 1-12.	2.6	5
4	EPO does not promote interaction between the erythropoietin and beta-common receptors. Scientific Reports, 2018, 8, 12457.	1.6	21
5	Conformational Changes in the GM-CSF Receptor Suggest a Molecular Mechanism for Affinity Conversion and Receptor Signaling. Structure, 2016, 24, 1271-1281.	1.6	46
6	The Î²c receptor family â€“ Structural insights and their functional implications. Cytokine, 2015, 74, 247-258.	1.4	65
7	Unexpected mechanisms of action for a cytokine receptor-blocking antibody. Molecular and Cellular Oncology, 2014, 1, e969129.	0.3	1
8	Crystallization and preliminary X-ray diffraction analysis of the interleukin-3 alpha receptor bound to the Fab fragment of antibody CSL362. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 358-361.	0.4	8
9	Dual Mechanism of Interleukin-3 Receptor Blockade by an Anti-Cancer Antibody. Cell Reports, 2014, 8, 410-419.	2.9	46
10	Signalling by the Î²c family of cytokines. Cytokine and Growth Factor Reviews, 2013, 24, 189-201.	3.2	80
11	The GM-CSF receptor family: Mechanism of activation and implications for disease. Growth Factors, 2012, 30, 63-75.	0.5	64
12	Biased T Cell Receptor Usage Directed against Human Leukocyte Antigen DQ8-Restricted Gliadin Peptides Is Associated with Celiac Disease. Immunity, 2012, 37, 611-621.	6.6	121
13	The <scp>GM</scp>â€“<scp>CSF</scp>/<scp>ILâ€3</scp>/<scp>ILâ€5</scp> cytokine receptor family: from ligand recognition to initiation of signaling. Immunological Reviews, 2012, 250, 277-302.	2.8	192
14	Cytokine receptor activation at the cell surface. Current Opinion in Structural Biology, 2012, 22, 350-359.	2.6	38
15	The 2.7ÂÃ… Crystal Structure of the Autoinhibited Human c-Fms Kinase Domain. Journal of Molecular Biology, 2007, 367, 839-847.	2.0	63
16	The production and crystallization of the human leukocyte antigen class II molecules HLA-DQ2 and HLA-DQ8 complexed with deamidated gliadin peptides implicated in coeliac disease. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 1021-1025.	0.7	16
17	The structural basis of Janus kinase 2 inhibition by a potent and specific pan-Janus kinase inhibitor. Blood, 2006, 107, 176-183.	0.6	243