

# Remy Robert

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,230  
citations

566801

15  
h-index

552369

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4016  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. <i>Nature Communications</i> , 2015, 6, 6734.	5.8	983
2	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. <i>Nature Communications</i> , 2015, 6, 7320.	5.8	683
3	Gut microbial metabolite butyrate protects against proteinuric kidney disease through epigenetic and GPR109A-mediated mechanisms. <i>FASEB Journal</i> , 2019, 33, 11894-11908.	0.2	70
4	MRI of inducible P-selectin expression in human activated platelets involved in the early stages of atherosclerosis. <i>NMR in Biomedicine</i> , 2011, 24, 413-424.	1.6	53
5	Engineered antibody intervention strategies for Alzheimer's disease and related dementias by targeting amyloid and toxic oligomers. <i>Protein Engineering, Design and Selection</i> , 2008, 22, 199-208.	1.0	45
6	Engineered antibody approaches for Alzheimer's disease immunotherapy. <i>Archives of Biochemistry and Biophysics</i> , 2012, 526, 132-138.	1.4	44
7	Cytotoxicity and Internalization of Polymer Hydrogel Capsules by Mammalian Cells. <i>Biomacromolecules</i> , 2010, 11, 2123-2129.	2.6	40
8	A fully humanized IgG-like bispecific antibody for effective dual targeting of CXCR3 and CCR6. <i>PLoS ONE</i> , 2017, 12, e0184278.	1.1	30
9	Identification of Human scFvs Targeting Atherosclerotic Lesions. <i>Journal of Biological Chemistry</i> , 2006, 281, 40135-40143.	1.6	28
10	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 1026-1038.	2.9	26
11	Germline humanization of a murine $\text{A}\beta$ antibody and crystal structure of the humanized recombinant Fab fragment. <i>Protein Science</i> , 2010, 19, 299-308.	3.1	25
12	Essential role for CCR6 in certain inflammatory diseases demonstrated using specific antagonist and knockin mice. <i>JCI Insight</i> , 2017, 2, .	2.3	24
13	Restricted V gene usage and VH/VL pairing of mouse humoral response against the N-terminal immunodominant epitope of the amyloid $\text{I}\beta$ peptide. <i>Molecular Immunology</i> , 2010, 48, 59-72.	1.0	22
14	Structural studies of the tethered N-terminus of the Alzheimer's disease amyloid- $\text{I}\beta$ peptide. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1748-1758.	1.5	22
15	Manipulating Microbiota to Treat Atopic Dermatitis: Functions and Therapies. <i>Pathogens</i> , 2022, 11, 642.	1.2	22
16	Targeting NLRP3 and Staphylococcal pore-forming toxin receptors in human-induced pluripotent stem cell-derived macrophages. <i>Journal of Leukocyte Biology</i> , 2020, 108, 967-981.	1.5	19
17	Deficiency of Dietary Fiber Modulates Gut Microbiota Composition, Neutrophil Recruitment and Worsens Experimental Colitis. <i>Frontiers in Immunology</i> , 2021, 12, 619366.	2.2	16
18	Large-scale production, bacterial localization assessment and immobilized metal affinity chromatography purification of a human single-chain Fv antibody against $\alpha$ IIb- $\beta$ 3 integrin. <i>International Journal of Biological Macromolecules</i> , 2006, 39, 51-59.	3.6	13

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19	pH and Proton Sensor GPR65 Determine Susceptibility to Atopic Dermatitis. <i>Journal of Immunology</i> , 2021, 207, 101-109.	0.4	13
20	Therapeutic blockade of CXCR2 rapidly clears inflammation in arthritis and atopic dermatitis models: demonstration with surrogate and humanized antibodies. <i>MAbs</i> , 2020, 12, 1856460.	2.6	13
21	G $\alpha$ s-coupled GPCR $\alpha$ s GPR65 and GPR174. Downers for immune responses. <i>Immunology and Cell Biology</i> , 2018, 96, 341-343.	1.0	12
22	Rapid screening of purification strategies for the capture of a human recombinant F(ab $\alpha$ ) $\alpha$ 2 expressed in baculovirus-infected cells using a micro-plate approach and SELDI-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2428-2434.	1.2	8
23	Improving selection of $\alpha$ 3-binding phage antibodies with increased reactivity derived from immunized donors. <i>Clinical Immunology</i> , 2003, 108, 199-210.	1.4	7
24	Improvement in production and purification bioprocesses of bacterially expressed anti- $\alpha$ 3 human single-chain FV antibodies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 818, 43-51.	1.2	6
25	Kinetic Characterization of a Panel of High-Affinity Monoclonal Antibodies Targeting Ricin and Recombinant Re-Formatting for Biosensor Applications. <i>Antibodies</i> , 2014, 3, 215-231.	1.2	3
26	Avenues to autoimmune arthritis triggered by diverse remote inflammatory challenges. <i>Journal of Autoimmunity</i> , 2016, 73, 120-129.	3.0	3