

Paul Conroy

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,224
citations

567281

15
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody production, design and use for biosensor-based applications. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 10-26.	5.0	221
2	Aberrant PSA glycosylationâ€”a sweet predictor of prostate cancer. <i>Nature Reviews Urology</i> , 2013, 10, 99-107.	3.8	206
3	A tale of two specificities: bispecific antibodies for therapeutic and diagnostic applications. <i>Trends in Biotechnology</i> , 2013, 31, 621-632.	9.3	148
4	Structure of the poly-C9 component of the complement membrane attack complex. <i>Nature Communications</i> , 2016, 7, 10588.	12.8	112
5	The cryo-EM structure of the acid activatable pore-forming immune effector Macrophage-expressed gene 1. <i>Nature Communications</i> , 2019, 10, 4288.	12.8	65
6	The first transmembrane region of complement component-9 acts as a brake on its self-assembly. <i>Nature Communications</i> , 2018, 9, 3266.	12.8	56
7	Homodimerization attenuates the anti-inflammatory activity of interleukin-37. <i>Science Immunology</i> , 2017, 2, .	11.9	51
8	Surface plasmon resonance for vaccine design and efficacy studies: recent applications and future trends. <i>Expert Review of Vaccines</i> , 2010, 9, 645-664.	4.4	37
9	Electrochemiluminescence platform for the detection of C-reactive proteins: application of recombinant antibody technology to cardiac biomarker detection. <i>RSC Advances</i> , 2015, 5, 67874-67877.	3.6	34
10	Reconciling the Structural Attributes of Avian Antibodies. <i>Journal of Biological Chemistry</i> , 2014, 289, 15384-15392.	3.4	28
11	Structural Basis for Ca ²⁺ -mediated Interaction of the Perforin C2 Domain with Lipid Membranes. <i>Journal of Biological Chemistry</i> , 2015, 290, 25213-25226.	3.4	25
12	X-ray crystal structure of plasmin with tranexamic acidâ€”derived active site inhibitors. <i>Blood Advances</i> , 2017, 1, 766-771.	5.2	25
13	Perforinâ€”A key (shaped) weapon in the immunological arsenal. <i>Seminars in Cell and Developmental Biology</i> , 2017, 28, 117-123.	5.0	24
14	Tranexamic acid is an active site inhibitor of urokinase plasminogen activator. <i>Blood Advances</i> , 2019, 3, 729-733.	5.2	22
15	Cardiac troponin I: a case study in rational antibody design for human diagnostics. <i>Protein Engineering, Design and Selection</i> , 2012, 25, 295-305.	2.1	18
16	Crystal structure of TcpK in complex with oriT DNA of the antibiotic resistance plasmid pCW3. <i>Nature Communications</i> , 2018, 9, 3732.	12.8	18
17	Comprehensive N-Glycan Profiling of Avian Immunoglobulin Y. <i>PLoS ONE</i> , 2016, 11, e0159859.	2.5	18
18	Circumventing the stability-function trade-off in an engineered FN3 domain. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 541-550.	2.1	17

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19	FKRP-dependent glycosylation of fibronectin regulates muscle pathology in muscular dystrophy. <i>Nature Communications</i> , 2021, 12, 2951.	12.8	17
20	Anti-CDCP1 immuno-conjugates for detection and inhibition of ovarian cancer. <i>Theranostics</i> , 2020, 10, 2095-2114.	10.0	15
21	Glycosylation in Indolent, Significant and Aggressive Prostate Cancer by Automated High-Throughput N-Glycan Profiling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9233.	4.1	14
22	Investigation of the mechanism of interaction between Mannose-binding lectin-associated serine protease-2 and complement C4. <i>Molecular Immunology</i> , 2015, 67, 287-293.	2.2	10
23	Structure and Function Characterization of the α 1a2 Motifs of <i>Streptococcus pyogenes</i> M Protein in Human Plasminogen Binding. <i>Journal of Molecular Biology</i> , 2019, 431, 3804-3813.	4.2	9
24	N-terminal domain of <i>Bothrops asper</i> Myotoxin II Enhances the Activity of Endothelin Converting Enzyme-1 and Neprilysin. <i>Scientific Reports</i> , 2016, 6, 22413.	3.3	8
25	Human Plasminogen Exacerbates <i>Clostridioides difficile</i> Enteric Disease and Alters the Spore Surface. <i>Gastroenterology</i> , 2020, 159, 1431-1443.e6.	1.3	7
26	Eosinophil peroxidase activates cells by HER2 receptor engagement and β 2-integrin clustering with downstream MAPK cell signaling. <i>Clinical Immunology</i> , 2016, 171, 1-11.	3.2	6
27	Antibodies: From novel repertoires to defining and refining the structure of biologically important targets. <i>Methods</i> , 2017, 116, 12-22.	3.8	6
28	Perforin proteostasis is regulated through its C2 domain: supra-physiological cell death mediated by T431D-perforin. <i>Cell Death and Differentiation</i> , 2018, 25, 1517-1529.	11.2	4