

Peter Kristensen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

1,871

citations

25

h-index

41

g-index

71

ext. papers

2,026

ext. citations

6.3

avg, IF

4.23

L-index

#	Paper	IF	Citations
68	Effects of the engineering of a single binding pocket residue on specificity and regioselectivity of hydratases from <i>Lactobacillus Acidophilus</i> . <i>Biochemical Engineering Journal</i> , 2021 , 171, 108006	4.2	1
67	Semi-rational Engineering of a Promiscuous Fatty Acid Hydratase for Alteration of Regioselectivity.. <i>ChemBioChem</i> , 2021 , e202100606	3.8	0
66	Fatty acid hydratase for value-added biotransformation: A review. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 2051-2063	3.2	8
65	Rational Engineering of Hydratase from <i>Lactobacillus acidophilus</i> Reveals Critical Residues Directing Substrate Specificity and Regioselectivity. <i>ChemBioChem</i> , 2020 , 21, 550-563	3.8	14
64	Insight into the Structure and Activity of Surface-Engineered Lipase Biofluids. <i>ChemBioChem</i> , 2019 , 20, 1266-1272	3.8	7
63	ReactELISA method for quantifying methylglyoxal levels in plasma and cell cultures. <i>Redox Biology</i> , 2019 , 26, 101252	11.3	11
62	Incorporation of bacteriophages in polycaprolactone/collagen fibers for antibacterial hemostatic dual-function. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 2588-2595	3.5	16
61	A Single-Domain Antibody Targeting Complement Component C5 Acts as a Selective Inhibitor of the Terminal Pathway of the Complement System and Thus Functionally Mimicks the C-Terminal Domain of the SSL7 Protein. <i>Frontiers in Immunology</i> , 2018 , 9, 2822	8.4	4
60	Upregulation of Mrps18a in breast cancer identified by selecting phage antibody libraries on breast tissue sections. <i>BMC Cancer</i> , 2017 , 17, 19	4.8	7
59	Pericyte modulation by a functional antibody obtained by a novel single-cell selection strategy. <i>Microcirculation</i> , 2017 , 24, e12365	2.9	3
58	Targeting of phage particles towards endothelial cells by antibodies selected through a multi-parameter selection strategy. <i>Scientific Reports</i> , 2017 , 7, 42230	4.9	3
57	A novel excision selection method for isolation of antibodies binding antigens expressed specifically by rare cells in tissue sections. <i>Nucleic Acids Research</i> , 2017 , 45, e107	20.1	4
56	ReactELISA: Monitoring a Carbon Nucleophilic Metabolite by ELISA-a Study of Lipid Metabolism. <i>Analytical Chemistry</i> , 2017 , 89, 5066-5071	7.8	7
55	On-slide detection of enzymatic activities in selected single cells. <i>Nanoscale</i> , 2017 , 9, 13546-13553	7.7	5
54	An anti vimentin antibody promotes tube formation. <i>Scientific Reports</i> , 2017 , 7, 3576	4.9	7
53	Raising an Antibody Specific to Breast Cancer Subpopulations Using Phage Display on Tissue Sections. <i>Cancer Genomics and Proteomics</i> , 2016 , 13, 21-30	3.3	2
52	Selection of cell-type specific antibodies on tissue-sections using phage display. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1939-48	5.6	9

51	MARK-AGE biomarkers of ageing. <i>Mechanisms of Ageing and Development</i> , 2015 , 151, 2-12	5.6	145
50	Selection strategies for anticancer antibody discovery: searching off the beaten path. <i>Trends in Biotechnology</i> , 2015 , 33, 292-301	15.1	24
49	Identification of an unstable 4-hydroxynoneal modification on the 20S proteasome subunit β by recombinant antibody technology. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 786-92	7.8	14
48	Novel ageing-biomarker discovery using data-intensive technologies. <i>Mechanisms of Ageing and Development</i> , 2015 , 151, 114-21	5.6	3
47	Selection of a breast cancer subpopulation-specific antibody using phage display on tissue sections. <i>Immunologic Research</i> , 2015 , 62, 263-72	4.3	13
46	Are endothelial outgrowth cells a potential source for future re-vascularization therapy?. <i>Experimental Gerontology</i> , 2014 , 58, 132-8	4.5	6
45	Degradation of C-terminal tag sequences on domain antibodies purified from E. coli supernatant. <i>MAbs</i> , 2014 , 6, 1551-9	6.6	6
44	The co-occurrence of mtDNA mutations on different oxidative phosphorylation subunits, not detected by haplogroup analysis, affects human longevity and is population specific. <i>Aging Cell</i> , 2014 , 13, 401-7	9.9	66
43	Expression of single-chain variable fragments fused with the Fc-region of rabbit IgG in <i>Leishmania tarentolae</i> . <i>Microbial Cell Factories</i> , 2014 , 13, 9	6.4	25
42	Raising antibodies against circulating foetal cells from maternal peripheral blood. <i>Prenatal Diagnosis</i> , 2013 , 33, 284-91	3.2	4
41	A novel heavy domain antibody library with functionally optimized complementarity determining regions. <i>PLoS ONE</i> , 2013 , 8, e76834	3.7	33
40	Selection of antibodies against a single rare cell present in a heterogeneous population using phage display. <i>Nature Protocols</i> , 2011 , 6, 509-22	18.8	16
39	Design, recruitment, logistics, and data management of the GEHA (Genetics of Healthy Ageing) project. <i>Experimental Gerontology</i> , 2011 , 46, 934-45	4.5	45
38	Evaluation of endothelial cell culture as a model system of vascular ageing. <i>Experimental Gerontology</i> , 2010 , 45, 779-87	4.5	24
37	Microselection--affinity selecting antibodies against a single rare cell in a heterogeneous population. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1953-61	5.6	15
36	Confronting cellular heterogeneity in studies of protein metabolism and homeostasis in aging research. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 694, 234-44	3.6	4
35	Epsilon haemoglobin specific antibodies with applications in noninvasive prenatal diagnosis. <i>Journal of Biomedicine and Biotechnology</i> , 2009 , 2009, 659219		9
34	A compact phage display human scFv library for selection of antibodies to a wide variety of antigens. <i>BMC Biotechnology</i> , 2009 , 9, 6	3.5	99

33	Hormetic modulation of differentiation of normal human epidermal keratinocytes undergoing replicative senescence in vitro. <i>Experimental Gerontology</i> , 2008 , 43, 658-662	4.5	37
32	Functionally fused antibodies--a novel adjuvant fusion system. <i>Journal of Immunological Methods</i> , 2008 , 339, 220-7	2.5	
31	Inhibition of the proteolytic activity of pregnancy-associated plasma protein-A by targeting substrate exosite binding. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16772-80	5.4	33
30	Genetics of healthy aging in Europe: the EU-integrated project GEHA (GEnetics of Healthy Aging). <i>Annals of the New York Academy of Sciences</i> , 2007 , 1100, 21-45	6.5	74
29	Enhancement of DNA vaccine potency through linkage of antigen to filamentous bacteriophage coat protein III domain I. <i>Immunology</i> , 2006 , 117, 502-6	7.8	14
28	Identification of genes involved in healthy aging and longevity. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 317-22	6.5	3
27	Kinetin-induced differentiation of normal human keratinocytes undergoing aging in vitro. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 332-6	6.5	34
26	Phage-displayed antibodies for the detection of glycated proteasome in aging cells. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 474-8	6.5	16
25	Severe acute respiratory syndrome (SARS): development of diagnostics and antivirals. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 500-5	6.5	35
24	Isolation of recombinant phage-displayed antibodies recognizing skin keratinocytes. <i>Methods in Molecular Biology</i> , 2005 , 289, 359-70	1.4	2
23	Multivalent display system on filamentous bacteriophage pVII minor coat protein. <i>Journal of Immunological Methods</i> , 2005 , 307, 135-43	2.5	27
22	Stabilization of antibody VH-domains by proteolytic selection. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004 , 28, 173-179		10
21	Isolation of high-affinity human IgE and IgG antibodies recognising Bet v 1 and <i>Hemicolera lanuginosa</i> lipase from combinatorial phage libraries. <i>Molecular Immunology</i> , 2004 , 41, 941-53	4.3	29
20	Multivalent scFv display of phagemid repertoires for the selection of carbohydrate-specific antibodies and its application to the Thomsen-Friedenreich antigen. <i>Journal of Molecular Biology</i> , 2004 , 343, 985-96	6.5	33
19	A novel cell binding site in the coiled-coil domain of laminin involved in capillary morphogenesis. <i>EMBO Journal</i> , 2003 , 22, 1508-17	13	20
18	Identification of keratinocyte-specific markers using phage display and mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2003 , 2, 61-9	7.6	28
17	Single-chain antibody-based gene therapy: inhibition of tumor growth by in situ production of phage-derived human antibody fragments blocking functionally active sites of cell-associated matrices. <i>Gene Therapy</i> , 2002 , 9, 1049-53	4	48
16	Selection of large diversities of antiidiotypic antibody fragments by phage display. <i>Journal of Molecular Biology</i> , 2002 , 315, 1087-97	6.5	117

15	Functional improvement of antibody fragments using a novel phage coat protein III fusion system. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 298, 566-73	3.4	26
14	Directed evolution of barnase stability using proteolytic selection. <i>Journal of Molecular Biology</i> , 2002 , 323, 115-23	6.5	33
13	Generation and characterization of recombinant human antibodies specific for native laminin epitopes: potential application in cancer therapy. <i>Cancer Immunology, Immunotherapy</i> , 2001 , 50, 557-65	7.4	28
12	Identification of phage antibodies toward the Werner protein by selection on Western blots. <i>Electrophoresis</i> , 2000 , 21, 509-16	3.6	11
11	Applying phage display technology in aging research. <i>Biogerontology</i> , 2000 , 1, 67-78	4.5	8
10	Eine Methode zur Selektion katalytischer Aktivität, die Phagendisplay und Nachbarschaftseffekte nutzt. <i>Angewandte Chemie</i> , 1999 , 111, 1196-1200	3.6	11
9	A method for the selection of catalytic activity using phage display and proximity coupling. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1124-7	16.4	72
8	Proteolytic selection for protein folding using filamentous bacteriophages. <i>Folding & Design</i> , 1998 , 3, 321-8		217
7	Purification and characterisation of a tissue specific elongation factor 1 alpha (EF-1 alpha 2) from rabbit muscle. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 245, 810-4	3.4	14
6	The elongation factor 1 A-2 isoform from rabbit: cloning of the cDNA and characterization of the protein. <i>Nucleic Acids Research</i> , 1998 , 26, 1884-90	20.1	86
5	A model phage display subtraction method with potential for analysis of differential gene expression. <i>FEBS Letters</i> , 1996 , 391, 71-5	3.8	25
4	Purification and characterization of leukotriene A4 hydrolase from human epidermis. <i>FEBS Letters</i> , 1995 , 358, 316-22	3.8	15
3	Human epidermis transforms exogenous leukotriene A4 into peptide leukotrienes: possible role in transcellular metabolism. <i>Archives of Dermatological Research</i> , 1994 , 286, 261-6	3.3	28
2	Aging, differentiation and apoptosis in human epidermal keratinocytes in culture. <i>Archives of Gerontology and Geriatrics</i> , 1994 , 19 Suppl 1, 185-96	4	30
1	Leukotriene B4 formation during human neutrophil keratinocyte interactions: evidence for transformation of leukotriene A4 by putative keratinocyte leukotriene A4 hydrolase. <i>Journal of Investigative Dermatology</i> , 1993 , 100, 293-8	4.3	46