

Peter Kristensen

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,230
citations

186209

28
h-index

233338

45
g-index

71
all docs

71
docs citations

71
times ranked

3027
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteolytic selection for protein folding using filamentous bacteriophages. <i>Folding & Design</i> , 1998, 3, 321-328.	4.5	241
2	MARK-AGE biomarkers of ageing. <i>Mechanisms of Ageing and Development</i> , 2015, 151, 2-12.	2.2	189
3	Selection of large diversities of antiidiotypic antibody fragments by phage display. <i>Journal of Molecular Biology</i> , 2002, 315, 1087-1097.	2.0	131
4	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, 1884-1890.	6.5	113
5	A compact phage display human scFv library for selection of antibodies to a wide variety of antigens. <i>BMC Biotechnology</i> , 2009, 9, 6.	1.7	113
6	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.	1.8	85
7	The co-occurrence of mtDNA mutations on different oxidative phosphorylation subunits, not detected by haplogroup analysis, affects human longevity and is population specific. <i>Ageing Cell</i> , 2014, 13, 401-407.	3.0	85
8	A Method for the Selection of Catalytic Activity Using Phage Display and Proximity Coupling. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1124-1127.	7.2	83
9	Design, recruitment, logistics, and data management of the GEHA (Genetics of Healthy Ageing) project. <i>Experimental Gerontology</i> , 2011, 46, 934-945.	1.2	52
10	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, 293-298.	0.3	50
11	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, 1049-1053.	2.3	48
12	Severe Acute Respiratory Syndrome (SARS): Development of Diagnostics and Antivirals. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 500-505.	1.8	44
13	Inhibition of the Proteolytic Activity of Pregnancy-associated Plasma Protein-A by Targeting Substrate Exosite Binding. <i>Journal of Biological Chemistry</i> , 2008, 283, 16772-16780.	1.6	41
14	Hormetic modulation of differentiation of normal human epidermal keratinocytes undergoing replicative senescence in vitro. <i>Experimental Gerontology</i> , 2008, 43, 658-662.	1.2	40
15	A Novel Heavy Domain Antibody Library with Functionally Optimized Complementarity Determining Regions. <i>PLoS ONE</i> , 2013, 8, e76834.	1.1	39
16	Ageing, differentiation and apoptosis in human epidermal keratinocytes in culture. <i>Archives of Gerontology and Geriatrics</i> , 1994, 19, 185-196.	1.4	38
17	Directed Evolution of Barnase Stability Using Proteolytic Selection. <i>Journal of Molecular Biology</i> , 2002, 323, 115-123.	2.0	37
18	Kinetin-Induced Differentiation of Normal Human Keratinocytes Undergoing Aging in Vitro. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 332-336.	1.8	37

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19	Multivalent scFv Display of Phagemid Repertoires for the Selection of Carbohydrate-specific Antibodies and its Application to the Thomsenâ€Friedenreich Antigen. <i>Journal of Molecular Biology</i> , 2004, 343, 985-996.	2.0	36
20	Identification of Keratinocyte-specific Markers Using Phage Display and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 61-69.	2.5	33
21	Isolation of high-affinity human IgE and IgG antibodies recognising Bet v 1 and <i>Humicola lanuginosa</i> lipase from combinatorial phage libraries. <i>Molecular Immunology</i> , 2004, 41, 941-953.	1.0	33
22	Human epidermis transforms exogenous leukotriene A4 into peptide leukotrienes: possible role in transcellular metabolism. <i>Archives of Dermatological Research</i> , 1994, 286, 261-267.	1.1	32
23	Multivalent display system on filamentous bacteriophage pVII minor coat protein. <i>Journal of Immunological Methods</i> , 2005, 307, 135-143.	0.6	31
24	Evaluation of endothelial cell culture as a model system of vascular ageing. <i>Experimental Gerontology</i> , 2010, 45, 779-787.	1.2	30
25	Selection strategies for anticancer antibody discovery: searching off the beaten path. <i>Trends in Biotechnology</i> , 2015, 33, 292-301.	4.9	29
26	A model phage display subtraction method with potential for analysis of differential gene expression. <i>FEBS Letters</i> , 1996, 391, 71-75.	1.3	28
27	Generation and characterization of recombinant human antibodies specific for native laminin epitopes: potential application in cancer therapy. <i>Cancer Immunology, Immunotherapy</i> , 2001, 50, 557-565.	2.0	28
28	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.	1.9	28
29	Incorporation of bacteriophages in polycaprolactone/collagen fibers for antibacterial hemostatic dualâ€function. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2588-2595.	1.6	27
30	Functional improvement of antibody fragments using a novel phage coat protein III fusion system. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 566-573.	1.0	26
31	A novel cell binding site in the coiled-coil domain of laminin involved in capillary morphogenesis. <i>EMBO Journal</i> , 2003, 22, 1508-1517.	3.5	23
32	Rational Engineering of Hydratase from <i>Lactobacillus acidophilus</i> Reveals Critical Residues Directing Substrate Specificity and Regioselectivity. <i>ChemBioChem</i> , 2020, 21, 550-563.	1.3	23
33	Selection of antibodies against a single rare cell present in a heterogeneous population using phage display. <i>Nature Protocols</i> , 2011, 6, 509-522.	5.5	20
34	ReactELISA method for quantifying methylglyoxal levels in plasma and cell cultures. <i>Redox Biology</i> , 2019, 26, 101252.	3.9	18
35	Purification and characterization of leukotriene A4hydrolase from human epidermis. <i>FEBS Letters</i> , 1995, 358, 316-322.	1.3	17
36	Phage-Displayed Antibodies for the Detection of Glycated Proteasome in Aging Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 474-478.	1.8	16

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37	Microselection of affinity selecting antibodies against a single rare cell in a heterogeneous population. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1953-1961.	1.6	16
38	Purification and Characterisation of a Tissue Specific Elongation Factor 1 Alpha (EF-1 α) from Rabbit Muscle. <i>Biochemical and Biophysical Research Communications</i> , 1998, 245, 810-814.	1.0	15
39	Enhancement of DNA vaccine potency through linkage of antigen to filamentous bacteriophage coat protein III domain I. <i>Immunology</i> , 2006, 117, 502-506.	2.0	15
40	Identification of an unstable 4-hydroxynoneal modification on the 20S proteasome subunit β 7 by recombinant antibody technology. <i>Free Radical Biology and Medicine</i> , 2015, 89, 786-792.	1.3	15
41	Fatty acid hydratase for value-added biotransformation: A review. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2051-2063.	1.7	15
42	Identification of phage antibodies toward the Werner protein by selection on Western blots. <i>Electrophoresis</i> , 2000, 21, 509-516.	1.3	14
43	Selection of a breast cancer subpopulation-specific antibody using phage display on tissue sections. <i>Immunologic Research</i> , 2015, 62, 263-272.	1.3	13
44	Insight into the Structure and Activity of Surface-Engineered Lipase Biofluids. <i>ChemBioChem</i> , 2019, 20, 1266-1272.	1.3	12
45	Degradation of C-terminal tag sequences on domain antibodies purified from <i>E. coli</i> supernatant. <i>MAbs</i> , 2014, 6, 1551-1559.	2.6	11
46	Selection of cell-type specific antibodies on tissue sections using phage display. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1939-1948.	1.6	11
47	Applying phage display technology in aging research. <i>Biogerontology</i> , 2000, 1, 67-78.	2.0	10
48	Stabilization of antibody VH-domains by proteolytic selection. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 28, 173-179.	1.8	10
49	Epsilon Haemoglobin Specific Antibodies with Applications in Noninvasive Prenatal Diagnosis. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-8.	3.0	10
50	ReactELISA: Monitoring a Carbon Nucleophilic Metabolite by ELISA—a Study of Lipid Metabolism. <i>Analytical Chemistry</i> , 2017, 89, 5066-5071.	3.2	10
51	Upregulation of Mrps18a in breast cancer identified by selecting phage antibody libraries on breast tissue sections. <i>BMC Cancer</i> , 2017, 17, 19.	1.1	9
52	An anti vimentin antibody promotes tube formation. <i>Scientific Reports</i> , 2017, 7, 3576.	1.6	9
53	Topoisomerase 1 inhibits <i>MYC</i> promoter activity by inducing G-quadruplex formation. <i>Nucleic Acids Research</i> , 2022, 50, 6332-6342.	6.5	9
54	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 <i>Staphylococcus aureus</i> SSL7 Protein. <i>Frontiers in Immunology</i> , 2018, 9, 2822.	2.2	7

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55	Resolving the Conflict between Strength and Toughness in Bioactive Silica-Polymer Hybrid Materials. ACS Nano, 2022, 16, 9748-9761.	7.3	7
56	Are endothelial outgrowth cells a potential source for future re-vascularization therapy?. Experimental Gerontology, 2014, 58, 132-138.	1.2	6
57	Targeting of phage particles towards endothelial cells by antibodies selected through a multi-parameter selection strategy. Scientific Reports, 2017, 7, 42230.	1.6	6
58	On-slide detection of enzymatic activities in selected single cells. Nanoscale, 2017, 9, 13546-13553.	2.8	6
59	Confronting Cellular Heterogeneity in Studies of Protein Metabolism and Homeostasis in Aging Research. Advances in Experimental Medicine and Biology, 2010, 694, 234-244.	0.8	6
60	Novel ageing-biomarker discovery using data-intensive technologies. Mechanisms of Ageing and Development, 2015, 151, 114-121.	2.2	5
61	Raising antibodies against circulating foetal cells from maternal peripheral blood. Prenatal Diagnosis, 2013, 33, 284-291.	1.1	4
62	A novel excision selection method for isolation of antibodies binding antigens expressed specifically by rare cells in tissue sections. Nucleic Acids Research, 2017, 45, e107-e107.	6.5	4
63	Semi-rational Engineering of a Promiscuous Fatty Acid Hydratase for Alteration of Regioselectivity. ChemBioChem, 2022, 23, e202100606.	1.3	4
64	Identification of Genes Involved in Healthy Aging and Longevity. Annals of the New York Academy of Sciences, 2006, 1067, 317-322.	1.8	3
65	Pericyte modulation by a functional antibody obtained by a novel single-cell selection strategy. Microcirculation, 2017, 24, e12365.	1.0	3
66	Effects of the engineering of a single binding pocket residue on specificity and regioselectivity of hydratases from Lactobacillus Acidophilus. Biochemical Engineering Journal, 2021, 171, 108006.	1.8	3
67	Isolation of Recombinant Phage-Displayed Antibodies Recognizing Skin Keratinocytes. , 2005, 289, 359-370.		2
68	Raising an Antibody Specific to Breast Cancer Subpopulations Using Phage Display on Tissue Sections. Cancer Genomics and Proteomics, 2016, 13, 21-30.	1.0	2
69	Understanding and Modulating Aging. Annals of the New York Academy of Sciences, 2006, 1067, xv-xv.	1.8	0
70	Functionally fused antibodies-A novel adjuvant fusion system. Journal of Immunological Methods, 2008, 339, 220-227.	0.6	0