

Kasper RÃ¸jkjÃ¸r Andersen

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,921
citations

331670

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414414

32
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36
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36
docs citations

36
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing Cysteines into Nanobodies for Site-Specific Labeling. <i>Methods in Molecular Biology</i> , 2022, 2446, 327-343.	0.9	0
2	Natural variation identifies a <i>Pxy</i> gene controlling vascular organisation and formation of nodules and lateral roots in <i>Lotus japonicus</i> . <i>New Phytologist</i> , 2021, 230, 2459-2473.	7.3	7
3	Kinetic proofreading of lipochitooligosaccharides determines signal activation of symbiotic plant receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
4	Structural signatures in EPR3 define a unique class of plant carbohydrate receptors. <i>Nature Communications</i> , 2020, 11, 3797.	12.8	31
5	Ligand-recognizing motifs in plant LysM receptors are major determinants of specificity. <i>Science</i> , 2020, 369, 663-670.	12.6	87
6	A nanobody suite for yeast scaffold nucleoporins provides details of the nuclear pore complex structure. <i>Nature Communications</i> , 2020, 11, 6179.	12.8	12
7	Recruitment of properdin by bi-specific nanobodies activates the alternative pathway of complement. <i>Molecular Immunology</i> , 2020, 124, 200-210.	2.2	10
8	Solvent-free Photobiocatalytic Hydroxylation of Cyclohexane. <i>ChemCatChem</i> , 2020, 12, 4009-4013.	3.7	39
9	Introduction of an Aldehyde Handle on Nanobodies by Affinity-Guided Labeling. <i>Bioconjugate Chemistry</i> , 2020, 31, 1295-1300.	3.6	9
10	A combination of chitooligosaccharide and lipochitooligosaccharide recognition promotes arbuscular mycorrhizal associations in <i>Medicago truncatula</i> . <i>Nature Communications</i> , 2019, 10, 5047.	12.8	129
11	A <i>Lotus japonicus</i> cytoplasmic kinase connects Nod factor perception by the NFR5 LysM receptor to nodulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14339-14348.	7.1	28
12	A potent complement factor C3-specific nanobody inhibiting multiple functions in the alternative pathway of human and murine complement. <i>Journal of Biological Chemistry</i> , 2018, 293, 6269-6281.	3.4	47
13	Isolation and Characterization of Nanobodies against a Zinc-Transporting P-Type ATPase. <i>Antibodies</i> , 2018, 7, 39.	2.5	4
14	Epidermal LysM receptor ensures robust symbiotic signalling in <i>Lotus japonicus</i> . <i>ELife</i> , 2018, 7, .	6.0	51
15	A genetic screen for plant mutants with altered nodulation phenotypes in response to rhizobial glycan mutants. <i>New Phytologist</i> , 2018, 220, 526-538.	7.3	14
16	A plant chitinase controls cortical infection thread progression and nitrogen-fixing symbiosis. <i>ELife</i> , 2018, 7, .	6.0	32
17	Differential regulation of the Epr3 receptor coordinates membrane-restricted rhizobial colonization of root nodule primordia. <i>Nature Communications</i> , 2017, 8, 14534.	12.8	149
18	Insights into Rad3 kinase recruitment from the crystal structure of the DNA damage checkpoint protein Rad26. <i>Journal of Biological Chemistry</i> , 2017, 292, 8149-8157.	3.4	5

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19	Phosphoribosyl Diphosphate (PRPP): Biosynthesis, Enzymology, Utilization, and Metabolic Significance. <i>Microbiology and Molecular Biology Reviews</i> , 2017, 81, .	6.6	131
20	Introducing site-specific cysteines into nanobodies for mercury labelling allows de novo phasing of their crystal structures. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 804-813.	2.3	12
21	Natively Unfolded FG Repeats Stabilize the Structure of the Nuclear Pore Complex. <i>Cell</i> , 2017, 171, 904-917.e19.	28.9	99
22	Receptor-mediated chitin perception in legume roots is functionally separable from Nod factor perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8118-E8127.	7.1	143
23	Optimized <i>E. coli</i> expression strain LOBSTER eliminates common contaminants from His-tag purification. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1857-1861.	2.6	182
24	Scaffold nucleoporins Nup188 and Nup192 share structural and functional properties with nuclear transport receptors. <i>ELife</i> , 2013, 2, e00745.	6.0	70
25	Characterization of human phosphodiesterase 12 and identification of a novel 2'-5' oligoadenylate nuclease - The ectonucleotide pyrophosphatase/phosphodiesterase 1. <i>Biochimie</i> , 2012, 94, 1098-1107.	2.6	17
26	The Crystal Structure of the Intact <i>E. coli</i> RelBE Toxin-Antitoxin Complex Provides the Structural Basis for Conditional Cooperativity. <i>Structure</i> , 2012, 20, 1641-1648.	3.3	88
27	Exponential Megaprimer PCR (EMP) Cloning - Seamless DNA Insertion into Any Target Plasmid without Sequence Constraints. <i>PLoS ONE</i> , 2012, 7, e53360.	2.5	67
28	Substrate recognition by complement convertases revealed in the C5-cobra venom factor complex. <i>EMBO Journal</i> , 2011, 30, 606-616.	7.8	87
29	Human 2'-phosphodiesterase localizes to the mitochondrial matrix with a putative function in mitochondrial RNA turnover. <i>Nucleic Acids Research</i> , 2011, 39, 3754-3770.	14.5	39
30	The Structural Basis for mRNA Recognition and Cleavage by the Ribosome-Dependent Endonuclease RelE. <i>Cell</i> , 2009, 139, 1084-1095.	28.9	194
31	Take the "3'-tail" quality control of ribosomal and transfer RNA. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 532-537.	1.9	15
32	Exonucleolysis is required for nuclear mRNA quality control in yeast THO mutants. <i>Rna</i> , 2008, 14, 2305-2313.	3.5	48
33	The 1.4-A crystal structure of the <i>S. pombe</i> Pop2p deadenylase subunit unveils the configuration of an active enzyme. <i>Nucleic Acids Research</i> , 2007, 35, 3153-3164.	14.5	49