

# Johan Nilvebrant

## List of Publications by Year in descending order

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papers

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471509

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526287

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docs citations

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times ranked

1177  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE ALBUMIN-BINDING DOMAIN AS A SCAFFOLD FOR PROTEIN ENGINEERING. Computational and Structural Biotechnology Journal, 2013, 6, e201303009.	4.1	85
2	Pneumolysin binds to the mannose receptor C type 1 (MRC-1) leading to anti-inflammatory responses and enhanced pneumococcal survival. Nature Microbiology, 2019, 4, 62-70.	13.3	77
3	ADAPT, a Novel Scaffold Protein-Based Probe for Radionuclide Imaging of Molecular Targets That Are Expressed in Disseminated Cancers. Cancer Research, 2015, 75, 4364-4371.	0.9	55
4	Engineering of Bispecific Affinity Proteins with High Affinity for ERBB2 and Adaptable Binding to Albumin. PLoS ONE, 2014, 9, e103094.	2.5	50
5	Progress and Future Directions with Peptide-Drug Conjugates for Targeted Cancer Therapy. Molecules, 2021, 26, 6042.	3.8	40
6	Successive crystal structure snapshots suggest the basis for MHC class I peptide loading and editing by tapasin. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5055-5060.	7.1	39
7	Engineering Bispecificity into a Single Albumin-Binding Domain. PLoS ONE, 2011, 6, e25791.	2.5	37
8	Cotargeting Ephrin Receptor Tyrosine Kinases A2 and A3 in Cancer Stem Cells Reduces Growth of Recurrent Glioblastoma. Cancer Research, 2018, 78, 5023-5037.	0.9	36
9	Engineered Autonomous Human Variable Domains. Current Pharmaceutical Design, 2017, 22, 6527-6537.	1.9	32
10	A small bispecific protein selected for orthogonal affinity purification. Biotechnology Journal, 2010, 5, 605-617.	3.5	30
11	An Introduction to Epitope Mapping. Methods in Molecular Biology, 2018, 1785, 1-10.	0.9	29
12	Development and characterization of small bispecific albumin-binding domains with high affinity for ErbB3. Cellular and Molecular Life Sciences, 2013, 70, 3973-3985.	5.4	28
13	Selection and <i>in vitro</i> characterization of human CD44v6-binding antibody fragments. Biotechnology and Applied Biochemistry, 2012, 59, 367-380.	3.1	27
14	Protein Engineering Allows for Mild Affinity-based Elution of Therapeutic Antibodies. Journal of Molecular Biology, 2018, 430, 3427-3438.	4.2	24
15	CD44v6-Targeted Imaging of Head and Neck Squamous Cell Carcinoma: Antibody-Based Approaches. Contrast Media and Molecular Imaging, 2017, 2017, 1-14.	0.8	20
16	Construction of Synthetic Antibody Phage-Display Libraries. Methods in Molecular Biology, 2018, 1701, 45-60.	0.9	20
17	Bispecific applications of non-immunoglobulin scaffold binders. Methods, 2019, 154, 143-152.	3.8	19
18	In vivo characterization of the novel CD44v6-targeting Fab fragment AbD15179 for molecular imaging of squamous cell carcinoma: a dual-isotope study. EJNMMI Research, 2014, 4, 11.	2.5	14

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19	Evaluation of a novel type of imaging probe based on a recombinant bivalent mini-antibody construct for detection of CD44v6-expressing squamous cell carcinoma. <i>International Journal of Oncology</i> , 2016, 48, 461-470.	3.3	13
20	IBC's 22nd Annual Antibody Engineering and 9th Annual Antibody Therapeutics International Conferences and the 2011 Annual Meeting of The Antibody Society, December 5-8, 2011, San Diego, CA. <i>MAbs</i> , 2012, 4, 153-181.	5.2	10
21	Generation and evaluation of antibody agents for molecular imaging of CD44v6-expressing cancers. <i>Oncotarget</i> , 2017, 8, 65152-65170.	1.8	9
22	Investigating affinity-maturation strategies and reproducibility of fluorescence-activated cell sorting using a recombinant ADAPT library displayed on staphylococci. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 187-195.	2.1	8
23	Lysis of Staphylococcal Cells by Modular Lysin Domains Linked via a Non-covalent Barnase-Barstar Interaction Bridge. <i>Frontiers in Microbiology</i> , 2019, 10, 558.	3.5	7
24	Orthogonal Protein Purification Facilitated by a Small Bispecific Affinity Tag. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	5
25	Kinetic Analysis and Epitope Binning Using Surface Plasmon Resonance. <i>Methods in Molecular Biology</i> , 2018, 1785, 187-205.	0.9	4
26	Mimicking the Biology of Engineered Protein and mRNA Nanoparticle Delivery Using a Versatile Microfluidic Platform. <i>Pharmaceutics</i> , 2021, 13, 1944.	4.5	4
27	The Wittig bioconjugation of maleimide derived, water soluble phosphonium ylides to aldehyde-tagged proteins. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10417-10423.	2.8	4
28	Synthetic Antibodies in Infectious Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1053, 79-98.	1.6	3
29	An Orthogonal Fusion Tag for Efficient Protein Purification. <i>Methods in Molecular Biology</i> , 2021, 2178, 159-166.	0.9	2
30	An Orthogonal Fusion Tag for Efficient Protein Purification. <i>Methods in Molecular Biology</i> , 2014, 1129, 205-210.	0.9	1
31	Engineering of Protein A for improved purification of antibodies and Fc-fused proteins. , 2020, , 35-54.		1
32	Assigned NMR backbone resonances of the ligand-binding region domain of the pneumococcal serine-rich repeat protein (PsrP-BR) reveal a rigid monomer in solution. <i>Biomolecular NMR Assignments</i> , 2020, 14, 195-200.	0.8	0
33	Zbasic: A Purification Tag for Selective Ion-Exchange Recovery. <i>Methods in Molecular Biology</i> , 2021, 2178, 149-158.	0.9	0