

#	Article	Authors	Journal	Year
141	Cryo-EM reveals the architecture of placental malaria VAR2CSA and provides molecular insight into chondroitin sulfate binding	Kaiyu Wang, Robert Dagli, Thomas Lovstsen, Sandeep K. Mera, Charlotte B. Spilg, Yong Wang, Tobias Gustavsson, Daniel R. Sandoval, Elena Ethel Vidal-Cavo, Sweil Choudhary, Mette Agerbaek, Kristen Lindorf-Larsen, Morten A. Nielsen, Thor G. Theander, Joshua S. Sharp, Thomas Mandel Clausen, Pontus Gourdon & Ali Salanti	Nature Communications volume 12, Article number: 2956 (2021)	2021
140	Comprehensive mutagenesis identifies the peptide repertoire of a p53 T-cell receptor mimic antibody that displays no toxicity in mice transgenic for human HLA-A*02:01	Iva Trenevska, Amanda P. Anderson, Carol Bentley, Tasneem Hassanali, Sarah Wblin, Shaun Maguire, Francesco Pezzella, Alison H. Banham, Demin Li, Cynelle Foucher, Louise Goksey, Manja Idorn, Vladislav Soroka, Benzelke K. Myeni, Robert Dagli, Christoph M. Janitzik, Max Seggaard, Kara-Lee Aves, Emma W. Horsfield, Süylü Mahmut Erdoğan, Tobias Gustavsson, Jerzy Dorosz, Sine Clemmensen, Laurits Frelsøgaard, Susan Thrane, Elena E. Vidal-Cavo, Paul Khalifa, Thomas M. Hallen, Sweil Choudhary, Michael Theissen, Sushree K. Singh, Asar Garcia-Sensioan, Linda Van Oosten, Corben Pijman, Bettina Herzberger, Tanja Dorneyer, Blanka W. Nalewajak, Anette Strabæk, Magdalena Skrzypczak, Laura F. Andersson, Søren Buus, Anette Strøbyn Buus, Jan Præstgaard Christensen, Tim J. Dalebout, Kasper Iversen, Lene H. Hørristshøj, Benjamin Mordmüller, Henrik Ulum, Line S. Reinert, Willem Adriaan de Jongh, Marjolien Kikkert, Søren R. Paludan, Thor G. Theander, Morten A. Nielsen, Ali Salanti & Adam F. Sander	PLoS ONE 16(4)	2021
139	Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity	Teodor Aastrup, Diluka Peiris, Ahmed Ibrahim, Amica Johansson, Cecilia Furugård	Nature Communications 12, 324 (2021)	2021
138	The Solution to Improve Profitability in Pharmaceutical Development: How to Increase Pre-clinical Productivity and Success Rates in Clinical Trials	Alexander Rau, Wolfgang S. Lieb, Oliver Seifert, Jonas Honer, Dennis Birnstock, Fabian Richter, Nadine Aschmeinet, Monilola A. Olajoye and Roland E. Kontermann	BI Volume 3 Issue 3 (2020)	2020
137	Inhibition of Tumor Cell Growth and Cancer Stem Cell Expansion by a Bispecific Antibody Targeting EGFR and HER3	Alexander Rau, Wolfgang S. Lieb, Oliver Seifert, Jonas Honer, Dennis Birnstock, Fabian Richter, Nadine Aschmeinet, Monilola A. Olajoye and Roland E. Kontermann	Mol Cancer Ther 2020;19:1474-85	2020
136	The impact of structural modification of sulfated polysaccharides on bone morphogenesis protein 2 and inhibition of endothelial cell angiogenesis	Ying Wang, Fei Xiao, Can Jin, Wucheng Wang, Xia Chen, Qin Liu, Kan Ding	Carbohydrate Research, Volume 496, October 2020, 108093	2020
135	Novel approach to the measurement of antihyaluronidase antibodies in human serum – application of the quartz crystal microbalance sensors	Lidija S. Vrhovac, Sonja A. Šešelj, Saša Vatić, Aleksandar Mitrović, Jelica R. Milošević, Aleksandar D. Lolić, Anđelo D. Belečić, Natašija D. Polović	Talanta, Volume 223, Part 2, 1 February 2021, 121588	2020
134	Direct attachment of suspension cells to PDA surface and its application in suspension-cell QCM biosensor	Xueming Li, QuanQuan Song, Yuxin Pei, Hai Dong, Teodor Aastrup, Zhichao Pei	Sensors and Actuators B: Chemical, Volume 326, 1 January 2021, 128823	2020
133	The mechanism of Hsp90-induced oligomerization of Tau	Weickert S. Wawrzyniak M, John LH, Rüdiger SGD, Drescher M	Science Advances, Mar 13(6/11)	2020
132	Superior Treg-Expanding Properties of a Novel Dual-Acting Cytokine Fusion Protein	Tanja Padubak, Maksim Sendetski, Carina Huber, Nathalie Peters, Klaus Pfaffenmaier, John R. Bethea, Roland E. Kontermann and Roman Fischer	Front Pharmacol. 2019, 10: 1490.	2019
131	The TLR3 Agonist Cobitolimod Induces IL10-Producing Wound Healing Macrophages and Regulatory T Cells in Ulcerative Colitis	Heike Schmitt, Julia Ullmschneider, Ulrike Bilmeier, Michael Voth, Patrizio Scarozza, Sophia Sonnenwald, Stephan Radt, Imke Areyra, Timo Rath, Sebastian Zundler, Melanie Langheirich, Jürgen Schüttler, Arndt Hartmann, Thomas Winkler, Charlotte Admyre, Thomas Knittel, Christine Dieterich Johansson, Arezou Zargari, Markus F. Neurath, Raja Atreya	Journal of Crohn's and Colitis, 1-17, 2019	2019
130	Recombinant spider silk coatings functionalized with enzymes targeting bacteria and biofilms	Fredrik Seljings, Linnea Nielebäck, Oskar Öhman, Rajeev Pasupuleti, Camilla Ståhl, Johan Seifert, My Hedhammar	Microbiology Open, December 2019	2019
129	Electro-Responsive Surface Composition and Kinetics of an Ionic Liquid in a Polar Oil	Nicklas Hjalmarsson, Erik Bergendal, Yong-Lei Wang, Bulat Munayirov, Daniel Wallinder, Sergei Glavatskikh, Teodor Aastrup, Rob Atkin, István Fűrő, Mark W. Rutland	Langmuir, 2019, 35, 48, 15692-15700	2019
128	Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity	Fabian Richter, Oliver Seifert, Andreas Herrmann, Klaus Pfizenmaier, Roland E. Kontermann	mAbs, 11 (1), 2019, p. 166-177	2019
127	Dectin-1 Binding to Annexins on Apoptotic Cells Induces Peripheral Immune Tolerance via NADPH Oxidase 2	Kevin Bode et al.	Cell Rep. Dec 24;29(13):4435-4446	2019
126	Phenotypic Screen with the Human Secretome Identifies EGF16 as Inducing Proliferation of iPSC-Derived Cardiac Progenitor Cells	Karin Jönbacken, Fredrik Wägberg, Ulla Karlsson et al.	International Journal of Molecular Sciences 06.12.19	2019
125	Rapid affinity chromatographic isolation method for LDL in human plasma by immobilized chondroitin-6-sulfate and anti-apoB-100 antibody monolithic disks in tandem	Thanaporn Liangsupree, Evgen Mullia, Jari Metso, Matti Jauhainen, Patrik Forsén, Torgny Fornestedt, Katarina Öörni, Ales Podgornik & Marja-Liisa Riekkola	Scientific Reports volume 9, Article number: 11235 (2019)	2019
124	Defining the structural basis for human alloantibody binding to human leukocyte antigen allele HLA-A*11:01	Yue Gu, Yee Hwa Wong, Chong Wai Liew et al.	Nature Communications, 10 (893), 2019	2019
123	Improved monovalent TNF receptor 1-selective inhibitor with novel heterodimerizing Fc	Fabian Richter, Oliver Seifert, Andreas Herrmann, Klaus Pfizenmaier, Roland E. Kontermann	mAbs, 31 of March 2019	2019
122	Anti-LRP5/6 VHHs promote differentiation of Wnt-hypersensitive intestinal stem cells	Nicola Fenderlito, David Proverbio et al.	Nature Communications, 10 (365)	2019
121	Electrochemically synthesized molecularly imprinted polythiophene nanostructures as recognition elements for an aspirin-chemosensor	Subramanian Suriyanyarayanan, Ian A. Nicholls et al.	Sensors and Actuators B: Chemical, Volume 253, December 2017, Pages 428-438	2019
120	Selection of a monoclonal antibody by ELISA, immunoblotting and Quartz Crystal Microbalance technology for immunohistochemical detection of Mycoplasma mycoides subsp. My	Luciani M, Armillotta G, Manna L, Ciarelli A, Di Febo T, Krasteva I, Pini A, Sacchini F, D'Angelo AR	Vet Ital. 2016 Jul 15.	2016
119	Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity	Fabian Richter, Oliver Seifert, Andreas Herrmann, Klaus Pfizenmaier, Roland E. Kontermann	mAbs, 11 (1), 2019, p. 166-177	2019
118	Generation by phage display and characterization of drug-target complex-specific antibodies for pharmacokinetic analysis of biotherapeutics	Harth S, Ten Haaf A, Loew C, Frisch C, Knappik A	mAbs, 2019 Jan;11(1):178-190.	2019
117	Fabrication of Carbohydrate Chips Based on Polydopamine for Real-Time Determination of Carbohydrate-Lectin Interactions by QCM Biosensor	Kun Sang et al.	Polymers 2018, 10(11), 1275	2018
116	Differential recognition of Haemophilus influenzae whole bacterial cells and isolated lipooligosaccharides by galactospecific lectins	Ioanna Kalograiki, Begonia Euba, Maria del Carmen et al.	Nature, Scientific Reports 8, 16292 (2018)	2018
115	Selective Sensing of the Biotinyl Molecule Using Molecularly Imprinted Polyaniline Nanowires	S. Mandal, S. Suriyanyarayanan, I. A. Nicholls & K. Ramajunam	J. Electrochem. Soc. 2018 volume 165, issue 14.	2018
114	A Single-Chain-Based Hexavalent CD27 Agonist Enhances T Cell Activation and Induces Anti-Tumor Immunity	Thiemann M et al.	Front Oncol. 2018 Sep 19:8:387.	2018
113	Effects of the flow type on the immobilization of horseradish peroxidase on polymers	Spaska Yaneva, Tzvetan Velinov, Lyubov Yotova.	Journal of Chemical Technology and Metallurgy, vol. 53 (5), 2018, p. 791-800.	2018
112	Label-Free Cell-Based Assay for Characterization of Biomolecules and Receptors	Diluka Peiris, Lars M. Jørgensen et al.	Epitope Mapping Protocols, 2018, p. 53-63	2018
111	Bacterial Surface Glycans: Microarray and QCM Strategies for Glycophenotyping and Exploration of Recognition by Host Receptors	I. Kaloğraiki, M Campanero-Rhodes, D. Proverbio, B. Euba, J. Garmendia, T. Aastrup et al.	Methods in Enzymology, vol. 598, 2018, p. 37-70	2018
110	Off-target testing assays	Samuel Altun & Teodor Aastrup.	Scientific Reports, 23rd January 2018.	2018
109	Fluorescent Image-Guided Surgery with an Anti-Prostate Stem Cell Antigen (PSCA) Diabody Enables Targeted Resection of Mouse Prostate Cancer Xenografts in Real Time	Geoffrey A. Sonn, Andrew S. Beheshtian, Ziyue Karen Jiang, et al.	Clinical Cancer Research, vol. 22 (6), 2016, p.	2016
108	Reliable Strategy for Analysis of Complex Biosensor Data	P. Forsén, J. Samuelsson, T. Aastrup, S. Altun, D. Wallinder, L. Wallbing, T. Fornestedt et al.	Analytical Chemistry, vol. 90 (8), 2018, p. 5366-5374.	2018
107	Label-free in-flow detection of receptor recognition motifs on the biomolecular corona of nanoparticles	M. Gianneli, E. Polo, H. Lopez, V. Castagnola, T. Aastrup & K.A. Dawson.	Nanoscale, vol. 10, 2018, p. 5474-5481.	2018
106	Virus-like particle display of HER2 induces potent anti-cancer responses	Arianna Palladini, Susan Thrane, Jessica Pihl, Adam F. Sander et al.	Oncotarget, vol. 7 (3), 2018.	2018
105	Synthesis and binding affinity analysis (..) using quartz crystal microbalance sensors	Oscar Norberg, Bin Wu, Olof Ramström et al.	Carbohydrate Research, vol. 452, 2017, p. 35-42.	2017
104	QCM Biosensor Based on Polydopamine Surface for Real-Time Analysis of the Binding Kinetics of Protein-Protein Interactions	Chunli Wu, Xueming Li, Siyu Song et al.	Polymers, vol. 9(10), 2017, p. 482.	2017
103	Optimization of 3D Surfaces of Dextran with Different Molecule Weights for Real-Time Detection of Biomolecular Interactions by a QCM Biosensor	Siyu Song, Yuchao Lu, Xueming Li et al.	Polymers, vol. 10(10), 2017, p. 409.	2017
102	Novel QCM based method to predict the in-vivo behaviour of nanoparticles	M. Gianneli, Y. Yan, E. Polo, D. Peiris et al.	Procedia Technology, vol. 27, 2017, p. 197-200.	2017
101	Novel strategies to mimic transmembrane tumour necrosis factor-dependent activation of tumour necrosis factor receptor 3	Roman Fischer, Jessica Marsal, Cristiano Gutta, Roland E. Kontermann et al.	Scientific Reports, vol. 7, article 6607, 2017.	2017
100	Inhibition of HER3 activation and tumour growth with a human antibody binding to a conserved epitope formed by domain III and IV	Lisa C. Schmitt, Alexander Rau, Oliver Seifert, Jonas Honer, Roland E. Kontermann et al.	mAbs, vol. 9, 2017, p. 831-843.	2017
99	Temperature effect on the complex formation between Pliuronic acid F127 and starch	Yana Petkova-Olsson, Samuel Altun, Henrik Ulsten, Lars Jansson	Carbohydrate Polymers, vol. 166, p. 264-270, 2017.	2017
98	Cellular glycosylation affects Herceptin binding and sensitivity of breast cancer cells to doxorubicin and growth factors	Diluka Peiris, Alexander F. Spector, Hazi Welch, Miriam V. Dwek et al.	Scientific Reports, vol. 7, article 43006, 2017.	2017
97	Spatially Well-Defined Carbohydrate Nanoparticles: Synthesis, Characterization and Lectin Interaction Study	B.J.J. Timmer D. Proverbio, S. Altun, O. Ramström, T. Aastrup, S.P. Vincent et al.	Chem. Commun., vol. 52, p. 12326-12329, 2016.	2016
96	Signal enhancement in ligand-receptor interactions using dynamic copolymers at quartz crystal microbalance sensors	Gunnar Dunér, Henrik Anderson, Zhichao Pei, Björn Ingemarsson et al.	Analyst, vol. 141, p. 3993-3996, 2016.	2016
95	Combined Bacteria Microarray and Quartz Crystal Microbalance Approach for Exploring Glycosignatures...	Ioanna Kaloğraiki, Begonia Euba, Davide Proverbio et al.	Anal. Chem. vol. 88 (11), p. 5950-5957, 2016.	2016
94	Real-time and label free determination of ligand binding-kinetics to primary cancer tissue specimens...	Thomas Mandel Clausena, Marina Ayres Pereira et al.	Sensing & Bio-Sensing Research vol. 9, p. 23-30, 2016.	2016
93	Glycanomaterials for biosensing applications	Nanjing Hao, Kiljani Naranon, Olof Ramström, Mingdi Yan	Biosensors and Bioelectronics, vol. 76, p. 113-130, 2016.	2016
92	Ionization of covalent immobilized poly(4-vinylpheno)l monolayers measured by ellipsometry, QCM and SPR	Suji Uppalapati, Na Kong, Oscar Norberg, Olof Ramström, Mingdi Yan	Applied Surface Science, vol. 343, p. 166-171, 2015.	2015
91	Facile fabrication of glycopolymer-based iron oxide nanoparticles and their applications...	Chen Shao, Xiumig Le, Zhichao Pei, Lia Zhichao Pei et al.	Polym. Chem., vol. 7, p. 1337-1344, 2016.	2015
90	Biomimetic Approach for Ion Channels Based on Surfactant Encapsulated Spherical Porous Metal-Oxide Capsules	Eugene Mahon, Somenath Garai, Achim Müller & Mihal Barboiu.	Adv Mater., vol. 27(35), p. 5165-5170, 2015.	2015
89	Pharmacokinetic properties of IgG and various Fc fusion proteins in mice	Felix Unverdorben, Fabian Richter, Meike Hutt, Oliver Seifert et al.	mAbs, vol. 8(1), p. 120-128, 2016.	2015
88	Oriented and reversible immobilization of His-tagged proteins on two- and three-dimensional surfaces...	Xueming Lia, Siyu Songa, Yuxin Peia, Hai Dongb, Teodor Aastrupc, Zhichao Peia.	Sensors and Actuators B: Chemical, vol. 224, p. 814-822, 2016.	2015
87	Targeting Human Cancer by a Glycosaminoglycan binding Malaria protein	Ali Salanti, Thomas M. Clausen, Mette Ø. Agerbaek et al.	Cancer Cell, vol. 28 (4), p. 500-514, 2015.	2015
86	A Fab-Selective Immunoglobulin-Binding Domain from Streptococcal Protein G with Improved Half-Life, Extension Properties	Felix Unverdorben, Meike Hutt, Oliver Seifert, Roland E. Kontermann	PLoS ONE, vol. 10(10), 2015.	2015
85	Weighing the surface charge of an ionic liquid	Nicklas Hjalmarsson, Daniel Wallinder, Sergei Glavatskikh, Rob Atkin et al.	Nanoscale, vol. 7, p. 16039-16045, 2015.	2015
84	Real time and label free analysis of binding thermodynamics of carbohydrate-protein interactions...	Xueming Li, Siyu Song, Qi Shuai, Yihan Pei, Teodor Aastrup, Yuxin Pei & Zhichao Pei	Scientific Reports 5, article 14066, 2015.	2015
83	Synthesis and binding affinity analysis of positional thiol analogs of mannopyranose for the elucidation of sulfur in different position	Bin Wu, Jiantao Ge, Bo Ren, Zhichao Pei, Hai Dong	Tetrahedron, vol. 71 (23), p. 4023-4030, 2015.	2015
82	Investigating manufactured nanoparticles	Teodor Aastrup et al.	Biotechnology, June 2015	2015
81	Study of the Interaction of Trastuzumab and SKOV3 epithelial cancer cells using a Quartz Crystal Microbalance Sensor	Louise Elmund, Camilla Kick, Teodor Aastrup & Ian A. Nicholls	Sensors, vol. 15(3), p. 5884-5894, 2015.	2015
80	Preclinical and early clinical development of GNBAC1, a humanized IgG4 monoclonal antibody targeting endogenous retroviral MSRV-Env protein.	François Curtin, Hervé Perron, Arno Kromminga, Hervé Porchet & Alois B Lang	mAbs, vol. 7(1), p. 265-275, 2015.	2015
79	Heparin Impairs Angiogenesis through Inhibition of MicroRNA-10b	Xaokun Shen, Jianping Fang, Xiaofen Lv, Zhicao Pei et al.	J Biol Chem. vol. 286(30), p. 26616-26627, 2011.	2011
78	Inducement of Cytokine Release by GFPBw2, a Novel Polysaccharide from Fruit Bodies of Grifola frondosa, through Dectin-1 in Macrophages	Ying Wang, Jianping Fang, Xinyan N, Je Li, Qin Liu, Qun Dong et al.	J Agric Food Chem. vol. 61(47), p. 11400-11409, 2013.	2013
77	Binding to Heparan Sulfate Chains Modulates Cellular Activity by Selectively Targeting the C-terminal Peptide of Chondroitinase	Håglund L, Tillgren V, Önerfjord P & Heinegård D.	J Biol Chem. vol. 288(2), p. 995-1008, 2013.	2013
76	Improved Modeling of In Vivo Kinetics of Slowly Diffusing Radiotracers for Tumor Imaging	Moses O. Wilks, Scott M. Knowles, Anna M. Wu and Sung-Cheng Huang	J Nucl Med. vol. 55(9), p. 1539-44, 2014.	2014
75	Quantitative ImmunoPET of Prostate Cancer Xenografts with 89Zr- and 124I-Labeled Anti-PSCA A11 Minibody	Scott M. Knowles, Kiretin A. Zettlitz, Richard Tavaré et al.	J Nucl Med. vol. 55(3), p. 452-459, 2014.	2014
74	Highly potent dUPTase inhibition by a bacterial repressor protein reveals a novel mechanism for gene expression control	Judit E. Szabó, Veronika Németh, Veronika Papp-Kádár et al.	Nucleic Acids Res. 2014 Oct 29; 42(19): 11912-11920.	2014
73	One-Step Synthesis of Dual-Clickable Nanospheres via Ultrasonic...	Yong Hu, Shouping Cao, Xueming Li, Beibei Wang, Yuxin Pe, Lin Wang, & Zhichao Pei	ACS Appl. Mater. Interfaces, 2014, 6 (19), pp 16909-16917	2104
72	3D modeling and characterization of the human CD115 monoclonal antibody H2K15 epitope and design of a chimeric CD115 target	Benolt Greiller, Fabrice Le Pogam, Marc Vitorino et al.	mAbs, 2014 Mar-Apr;6(2):533-46	2104
71	Soluble components of the flagellar export apparatus, FliH, FliJ, and FliK, do not deliver flagellin (...) from the cytosol to the export gate	Ráchel Sajó , Károly Lilom , Adél Muskoltai , Agnes Klein et al.	Molecular Cell Research, vol. 1843 (11), p. 2414-2423, 2014	2014
70	Mapping the immunogenicity of therapeutic protein products	Samuel Altun, Lena Heffler and Teodor Aastrup	Scientistlive, 30th May 2014.	2014
69	Talking Sense	Teodor Aastrup	Biopharma	2013
68	Oligosaccharide G19 inhibits U-87 MG human glioma cells growth in vitro and in vivo by targeting epidermal growth factor (EGF)...	Hailing Liu Ling Zhou, Songshan Shi, Ying Wang, Xinyan Ni et al.	Glycobiology, vol. 24 (8), p. 748-765, 2014.	2014
67	Label free cell based assay for the characterisation of peptide receptor interaction	Davide Proverbio, Jana Valnhova, Shane Wright, Gunnar Schulte and Teodor Aastrup	Clinical Research, vol. 6(2), 2014.	2014
66	Partial-filling affinity capillary electrophoresis and quartz crystal microbalance with adsorption energy distribution calculations...	Lipponen, Tähhä, Samuelsson, Jauhainen, Metsu, Clipa-Karhu, Fornestedt, Kostiainen, Riekkola	Anal Bioanal Chem. 2014 Jul;406(17):4137-46	2014
65	Hierarchical Thin Film Architectures for Enhanced Sensor Performance: Liquid Crystal-Mediated Electrochemical Synthesis...	Subramanian Suriyanyarayanan, Hazrat Nawaz, Natchana Nidzeay, Ian A. Nicholls	Biosensors 2014, 4(2), 90-110	2014
64	A Phage Display Screening Derived Peptide with Affinity for the Adenylyl Molecule	Elmund, Söderberg, Suriyanyarayanan, Nicholls	Biosensors 2014, 4(2), 137-149	2014
63	Entropy-driven lectin-recognition of multivalent glycosides	Zineb Moulène, Eugene Mahon, Emeline Gomez, Veronique Barrağan-Montero et al.	Chemical Communications, issue 6, 2014.	2014
62	Three complementary techniques for the clarification of temperature effect on low-density lipoprotein-chondroitin-6-sulfate interaction	Clipa-Karhu, Lipponen, Samuelsson, Öörni, Fornestedt, Riekkola	Anal Biochem. 2013 Dec 15;443(2):139-47	2013
61	Atmospheric pressure plasma polymers for QCM detection of protein adhesion	Rusu, Asandulesa, Topala, Pohoata, Dumtrasu, Barboiu	Biosens Bioelectron. 2014 Mar 15;53:154-9	2014
60	Biotin selective polymer nano-films	Elmund, Suriyanyarayanan, Wiklander, Aastrup, Nicholls	J Nanobiotechnology. 2014 Mar 21;12:8	2014
59	Multivalent Recognition of Concanavalin A by (Mo132) Glyconanoparticles Toward Biomimetic Hybrid Multilayers	Barboiu, Moulène, Silion, Licsandru, Simionescu, Mahon, Pintea	Chemistry - A European Journal Volume 20, Issue 22, 2014.	2014
58	A unique anti-CD 115 monoclonal antibody which inhibits osteolysis and skews human monocyte differentiation...	Haegele H, Thoudelief C, Hallet R, Geist M, Menguy T, Le Pogam F et al.	mAbs, 2013 Sep-Oct;5(5):736-47	2013
57	Antagonistic TNF Receptor One-Specific Antibody (ATROSAB): Receptor Binding and In Vitro Bioactivity	Richter, Liebig, Guenzl, Hermann, Scheurich, Pfizenmaier, Kontermann	Pos One, August 19, 2013.	2013
56	An anti-TNFR1 seFc-HSA fusion protein as selective antagonist of TNF action	Verena Berger, Fabian Richter, Kirstin Zettlitz, Felix Unverdorben et al.	Protein Eng Des Sel. 2013 Oct;26(10):581-7	2013
55	Protection by immunoglobulin dual-affinity retargeting antibodies against dengue virus	Brien, Sukupoli-Petty, Williams, Lam, Schmid, Johnson, Harris, Diamond	J Virol. 2013 Jul;87(13):7747-53	2013
54	Protein-resistant hyperbranched polyethyleneimine brush surfaces	Subramanian Suriyanyarayanan, Hung-Hsun Lee, Bo Liedberg, Teodor Aastrup, Ian A. Nicholls	J Colloid Interface Sci. 2013 Apr 15;396:307-15	2013
53	A suspension-cell biosensor for real-time determination of binding kinetics of protein-carbohydrate interactions on cancer cell surfaces	Xueming Li, Yuxin Pei, Ruina Zhang, Qi Shuai, Feng Wang, Teodor Aastrup and Zhichao Pei	Chemical Communications, issue 85, 2013.	2013
52	Direct and dynamic detection of HIV-1 in living cells	Jonas Helma, Katrin Schmidthals, Vanda Lux, Stefan Niske, Armin M. Scholz, Hans-Georg Kräusslich, Ulrich Rothbauer, Heinrich Leonhardt	PLoS ONE 11(11)	2012
51	Photogenerated lectin sensors produced by thiol-ene/yne photo-click chemistry in aqueous solution	Oscar Norberg, Irene H. Lee, Teodor Aastrup, Mingdi Yan and Olof Ramström	Biosens Bioelectron. 2012 Apr 15;34(1):51-6	2012
50	A novel approach to determining the affinity of protein-carbohydrate interactions employing adherent cancer cells grown on a biosensor surface	Diluka Peiris, Anatoly Markiv, G. Paul Curley, Miriam V. Dwek	Biosens Bioelectron. 2012 May 15;35(1):160-6	2012
49	Functionalization of single-walled carbon nanotubes and their binding to cancer cells	S.Y. Madani, A. Tan, M. Dwek, A. Sefalian	Int J Nanomedicine. 2012;7:905-14	2012
48	A New Generation of Cell-Biosensors	Miriam Dwek and Teodor Aastrup	The Pharmaceutical Technology Journal	2012
47	Real-time analysis of the carbohydrates on cell surfaces using a QCM biosensor: a lectin-based approach	Z. Pei, J. Saint-Guirons, C. Käck, B. Ingemarsson, T. Aastrup	Biosens Bioelectron. 2012 May 15;35(1):200-5	2012
46	Domain-based assays of individual antibody concentrations in an oligoclonal combination targeting a single protein	Q. Meng, M. Li, M.A. Silberg, F. Conrad, J. Bettencourt et al.	Analytical Biochemistry, vol. 421(2), p. 351-361, 2012.	2012
45	Half-life extension of a single-chain diabody by fusion to domain B of staphylococcal protein A	Unverdorben, Färber-Schwarz, Richter, Hutt, Kontermann	Protein Engineering, vol. 25(2), p. 81-88, 2012.	2012
44	The effect of adjuvants on the immune response induced by a DBL4c-ID4 VAR2CSA based Plasmodium falciparum vaccine against placental malaria	Pinto VV, Salanti A, Jøergensen LM, Dahibäck M, Resende M et al.	Vaccine Volume 30, Issue 3, 11 January 2012, Pages 572-579	2012
43	Structural and Functional Insight into How the Plasmodium falciparum VAR2CSA Protein Mediates Binding...	Thomas M. Clausen, Stig Christoffersen Madeleine Dahibäck, Annette Eva Langkilde	J Biol Chem. 2012 Jul 6; 287(28):2332-45	2012
42	Plasma half-life extension of small recombinant antibodies by fusion to immunoglobulin-binding domains (IgBD)	Meike Hutt, Aline Färber-Schwarz, Felix Unverdorben et al.	J Biol Chem. 2012 Feb 10; 287(7): 4462-4469.	2011
41	In Vitro Evolution of Allergy Vaccine Candidates, with Maintained Structure, but Reduced B Cell and T Cell Activation Capacity	Ola B. Nilsson, Justus Adedoyin, Claudio Rhyner, Theresa Neimert-Andersson et al.	PLoS one, September 13, 2011.	2011
40	Unbinding of hyaluronan accelerates the enzymatic activity of bee hyaluronidase	Ilás, Lilom, Greiderer-Keinlercher, Reittinger, Lepperdinger	J Biol Chem. 2011 Oct 14; 286(41): 35699-35707.	2011
39	Neonatal FcR Overexpression Boosts Humoral Immune Response in Transgenic Mice	Cervenak, Bender, Schneider, Magna, Valer Carstea, Lilom, Edwards, Bosz and Kacsincs	The Journal of Immunology, Vol. 186, Issue 2, 15 Jan 2011	2011
38	Polyethylene glycol-stabilized lipid disks as model membranes in interaction studies based on electro kinetic capillary chromatography...	K. Vainikka, K. Reijmer, G. Yohannes, J. Samuelsson, K. Edwards et al.	Anal Biochem. 2011 Jul 1;414(1):117-24	2011
37	Collagen I and III and their decorin modified surfaces studied by atomic force microscopy and the elucidation of their affinity toward...	Witos J, Saint-Guirons J, Meinander K, D'Ulivo L, Riekkola ML	Analyst. 2011 Sep 21;136(18):3777-82	2011
36	Improving the Developability of Biopharmaceuticals	Zurdo J, Michael R, Stallwood Y, Hedman K and Aastrup		