

Niels RÃ¼ckendorf

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

415
citations

759233

12
h-index

752698

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28
all docs

28
docs citations

28
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Evolutionary Optimization Process to Improve the Functionality of Cell Penetrating Peptides. <i>Methods in Molecular Biology</i> , 2022, 2383, 45-61.	0.9	3
2	Design of Membrane Active Peptides Considering Multi-Objective Optimization for Biomedical Application. <i>Membranes</i> , 2022, 12, 180.	3.0	7
3	IgE Epitope Profiling for Allergy Diagnosis and Therapy – Parallel Analysis of a Multitude of Potential Linear Epitopes Using a High Throughput Screening Platform. <i>Frontiers in Immunology</i> , 2020, 11, 565243.	4.8	10
4	In-Vitro Classification of Saliva Samples of COPD Patients and Healthy Controls Using Machine Learning Tools. <i>IEEE Access</i> , 2020, 8, 168053-168060.	4.2	22
5	Polyethylene glycol-conjugated alkylamines - A novel class of surfactants for the saturation of immunoassay solid phase surfaces. <i>Talanta</i> , 2020, 211, 120741.	5.5	2
6	Fate and Translocation of (Nano)Particulate Matter in the Gastrointestinal Tract. <i>Nanoscience and Technology</i> , 2019, , 281-327.	1.5	4
7	Cell penetrating peptides: a comparative transport analysis for 474 sequence motifs. <i>Drug Delivery</i> , 2018, 25, 928-937.	5.7	41
8	Breeding Cell Penetrating Peptides: Optimization of Cellular Uptake by a Function-Driven Evolutionary Process. <i>Bioconjugate Chemistry</i> , 2018, 29, 4020-4029.	3.6	8
9	Peanut oleosins associated with severe peanut allergy – importance of lipophilic allergens for comprehensive allergy diagnostics. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1331-1338.e8.	2.9	75
10	Validation of antibody reagents for mucin analysis in chronic inflammatory airway diseases. <i>MAbs</i> , 2017, 9, 333-341.	5.2	2
11	Glycan and Peptide IgE Epitopes of the TNF-alpha Blockers Infliximab and Adalimumab - Precision Diagnostics by Cross-Reactivity Immune Profiling of Patient Sera. <i>Theranostics</i> , 2017, 7, 4699-4709.	10.0	17
12	Identification of novel antibody-reactive detection sites for comprehensive gluten monitoring. <i>PLoS ONE</i> , 2017, 12, e0181566.	2.5	13
13	Selective and Efficient Cysteine Conjugation by Maleimides in the Presence of Phosphine Reductants. <i>Bioconjugate Chemistry</i> , 2016, 27, 2260-2265.	3.6	34
14	Absence of the Epithelial Glycocalyx As Potential Tumor Marker for the Early Detection of Colorectal Cancer. <i>PLoS ONE</i> , 2016, 11, e0168801.	2.5	5
15	B cell epitopes on infliximab identified by oligopeptide microarray with unprocessed patient sera. <i>Journal of Translational Medicine</i> , 2015, 13, 339.	4.4	19
16	Molecular Evolution of Peptide Ligands with Custom-Tailored Characteristics for Targeting of Glycostructures. <i>PLoS Computational Biology</i> , 2012, 8, e1002800.	3.2	15
17	Detektion von Protein und Nucleinsäure auf Membran. , 2012, , 279-326.		0
18	Peptid-Arrays auf Cellulosemembranen. , 2012, , 501-530.		0

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19	Pushing Antibody-Based Labeling Systems to Higher Sensitivity by Linker-Assisted Affinity Enhancement. <i>Bioconjugate Chemistry</i> , 2011, 22, 1619-1624.	3.6	12
20	THE LACK OF A MUCOSAL GLYCOCALYX AS A POTENTIAL MARKER FOR THE DETECTION OF COLORECTAL NEOPLASIA BY MAGNETIC PARTICLE IMAGING. , 2010, , .		0
21	Biolabeling with 2,4-Dichlorophenoxyacetic Acid Derivatives: The 2,4-D Tag. <i>Analytical Chemistry</i> , 2009, 81, 9695-9702.	6.5	4
22	Rapid Profiling of Peptide Stability in Proteolytic Environments. <i>Analytical Chemistry</i> , 2009, 81, 1580-1586.	6.5	41
23	Peptide-based optical contrast agents for targeting of intestinal malignancies. , 2007, , .		1
24	Synthesis of a Fluorescent Ganglioside GM1Derivative and Screening of a Synthetic Peptide Library for GM1Binding Sequence Motifs. <i>Bioconjugate Chemistry</i> , 2007, 18, 573-578.	3.6	12
25	Early Diagnosis of Cancer (PLOMS). , 2006, , 231-300.		1
26	Glyco-SAMs as Glycocalyx Mimetics: Synthesis of L-Fucose- and D-Mannose-Terminated Building Blocks. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3931-3940.	2.4	39
27	Glucuronic Acid Derivatives as Branching Units for the Synthesis of Glycopeptide Mimetics. <i>Journal of Organic Chemistry</i> , 2004, 69, 4441-4445.	3.2	28