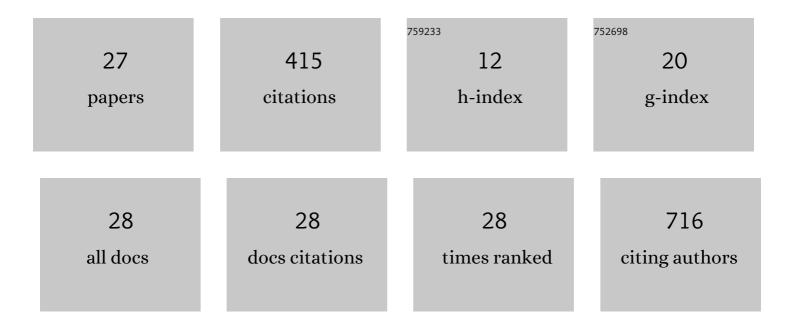
Niels Röckendorf

List of Publications by Year in descending order

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

18 Peptid-Arrays auf Cellulosemembranen. , 2012, , 501-530.

NIELS RöCKENDORF

#	Article	IF	CITATIONS
19	Pushing Antibody-Based Labeling Systems to Higher Sensitivity by Linker-Assisted Affinity Enhancement. Bioconjugate Chemistry, 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. Analytical Chemistry, 2009, 81, 9695-9702.	6.5	4
22	Rapid Profiling of Peptide Stability in Proteolytic Environments. Analytical Chemistry, 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. Bioconjugate Chemistry, 2007, 18, 573-578.	3.6	12
25	Early Diagnosis of Cancer (PLOMS). , 2006, , 231-300.		1
26	Glyco-SAMs as Glycocalyx Mimetics: Synthesis ofL-Fucose- andD-Mannose-Terminated Building Blocks. European Journal of Organic Chemistry, 2004, 2004, 3931-3940.	2.4	39
27	Glucuronic Acid Derivatives as Branching Units for the Synthesis of Glycopeptide Mimetics. Journal of Organic Chemistry, 2004, 69, 4441-4445.	3.2	28