

# JÃ¶rn GlÃ¶kler

## List of Publications by Year in descending order

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31  
papers

2,114  
citations

331259

21  
h-index

476904

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal amplifications â€“ a comprehensive review on current methods. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2021, 56, 543-586.	2.3	68
2	A Novel Optical Method To Reversibly Control Enzymatic Activity Based On Photoacids. <i>Scientific Reports</i> , 2019, 9, 14372.	1.6	6
3	G-Quadruplexes as An Alternative Recognition Element in Disease-Related Target Sensing. <i>Molecules</i> , 2019, 24, 1079.	1.7	26
4	Hinge-initiated Primer-dependent Amplification of Nucleic Acids (HIP) â€“ A New Versatile Isothermal Amplification Method. <i>Scientific Reports</i> , 2017, 7, 7683.	1.6	6
5	Standardization and quality management in next-generation sequencing. <i>Applied &amp; Translational Genomics</i> , 2016, 10, 2-9.	2.1	161
6	Shining a light on LAMP assays' A comparison of LAMP visualization methods including the novel use of berberine. <i>BioTechniques</i> , 2015, 58, 189-194.	0.8	141
7	Development of an Antigen-DNAzyme Based Probe for a Direct Antibody-Antigen Assay Using the Intrinsic DNAzyme Activity of a Daunomycin Aptamer. <i>Sensors</i> , 2014, 14, 346-355.	2.1	13
8	IQPA: Isothermal nucleic acid amplification-based immunoassay using DNAzyme as the reporter system. <i>Analytical Biochemistry</i> , 2014, 463, 67-69.	1.1	11
9	Directed evolution of nucleotide-based libraries using lambda exonuclease. <i>BioTechniques</i> , 2012, 53, 357-64.	0.8	15
10	Pushing the detection limits: The evanescent field in surface plasmon resonance and analyte-induced folding observation of long human telomeric repeats. <i>Biosensors and Bioelectronics</i> , 2012, 31, 571-574.	5.3	13
11	A streamlined protocol for emulsion polymerase chain reaction and subsequent purification. <i>Analytical Biochemistry</i> , 2011, 410, 155-157.	1.1	61
12	Diversity visualization by endonuclease: A rapid assay to monitor diverse nucleotide libraries. <i>Analytical Biochemistry</i> , 2011, 411, 16-21.	1.1	4
13	Probing the SELEX Process with Next-Generation Sequencing. <i>PLoS ONE</i> , 2011, 6, e29604.	1.1	173
14	Automation in the High-throughput Selection of Random Combinatorial Librariesâ€”Different Approaches for Select Applications. <i>Molecules</i> , 2010, 15, 2478-2490.	1.7	22
15	A calibrated diversity assay for nucleic acid libraries using DiStROâ€”a Diversity Standard of Random Oligonucleotides. <i>Nucleic Acids Research</i> , 2010, 38, e23-e23.	6.5	27
16	A DNA aptamer with high affinity and specificity for therapeutic anthracyclines. <i>Analytical Biochemistry</i> , 2008, 373, 34-42.	1.1	95
17	Nonradioactive fluorescence microtiter plate assay monitoring aptamer selections. <i>BioTechniques</i> , 2007, 42, 578-582.	0.8	18
18	Semi-automated selection of DNA aptamers using magnetic particle handling. <i>BioTechniques</i> , 2007, 43, 344-353.	0.8	33

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19	Heterogeneous surface modification of hollow fiber membranes for use in micro-reactor systems. Journal of Membrane Science, 2007, 299, 181-189.	4.1	24
20	Application of Aptamers in Therapeutics and for Small-Molecule Detection. , 2006, , 359-373.		11
21	Generation of High Density Protein Microarrays by Cell-free in Situ Expression of Unpurified PCR Products. Molecular and Cellular Proteomics, 2006, 5, 1658-1666.	2.5	95
22	Subnanoliter enzymatic assays on microarrays. Proteomics, 2005, 5, 420-425.	1.3	43
23	Seeing Better through a MIST:Â Evaluation of Monoclonal Recombinant Antibody Fragments on Microarrays. Analytical Chemistry, 2004, 76, 2916-2921.	3.2	47
24	Cell-Free Protein Expression and Functional Assay in Nanowell Chip Format. Analytical Chemistry, 2004, 76, 1844-1849.	3.2	99
25	Evaluation of Antibodies and Microarray Coatings As a Prerequisite for the Generation of Optimized Antibody Microarrays. , 2004, 264, 123-134.		9
26	Protein and antibody microarray technology. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 797, 229-240.	1.2	136
27	Next generation of protein microarray support materials:. Journal of Chromatography A, 2003, 1009, 97-104.	1.8	212
28	3D Protein Microarrays:Â Performing Multiplex Immunoassays on a Single Chip. Analytical Chemistry, 2003, 75, 4368-4372.	3.2	117
29	High-throughput protein arrays: prospects for molecular diagnostics. Trends in Molecular Medicine, 2002, 8, 250-253.	3.5	89
30	Toward optimized antibody microarrays: a comparison of current microarray support materials. Analytical Biochemistry, 2002, 309, 253-260.	1.1	318
31	Method for Determining Protein Kinase Substrate Specificities by the Phosphorylation of Peptide Libraries on Beads, Phosphate-Specific Staining, Automated Sorting, and Sequencing. Analytical Biochemistry, 1999, 276, 227-241.	1.1	21