

JÃ¶rn GlÃ¶kler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3023247/publications.pdf>

Version: 2024-02-01

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	Toward optimized antibody microarrays: a comparison of current microarray support materials. <i>Analytical Biochemistry</i> , 2002, 309, 253-260.	1.1	318
2	Next generation of protein microarray support materials:. <i>Journal of Chromatography A</i> , 2003, 1009, 97-104.	1.8	212
3	Probing the SELEX Process with Next-Generation Sequencing. <i>PLoS ONE</i> , 2011, 6, e29604.	1.1	173
4	Standardization and quality management in next-generation sequencing. <i>Applied & Translational Genomics</i> , 2016, 10, 2-9.	2.1	161
5	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
6	Protein and antibody microarray technology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 797, 229-240.	1.2	136
7	3D Protein Microarrays:Å Performing Multiplex Immunoassays on a Single Chip. <i>Analytical Chemistry</i> , 2003, 75, 4368-4372.	3.2	117
8	Cell-Free Protein Expression and Functional Assay in Nanowell Chip Format. <i>Analytical Chemistry</i> , 2004, 76, 1844-1849.	3.2	99
9	Generation of High Density Protein Microarrays by Cell-free in Situ Expression of Unpurified PCR Products. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1658-1666.	2.5	95
10	A DNA aptamer with high affinity and specificity for therapeutic anthracyclines. <i>Analytical Biochemistry</i> , 2008, 373, 34-42.	1.1	95
11	High-throughput protein arrays: prospects for molecular diagnostics. <i>Trends in Molecular Medicine</i> , 2002, 8, 250-253.	3.5	89
12	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
13	A streamlined protocol for emulsion polymerase chain reaction and subsequent purification. <i>Analytical Biochemistry</i> , 2011, 410, 155-157.	1.1	61
14	Seeing Better through a MIST:Å Evaluation of Monoclonal Recombinant Antibody Fragments on Microarrays. <i>Analytical Chemistry</i> , 2004, 76, 2916-2921.	3.2	47
15	Subnanoliter enzymatic assays on microarrays. <i>Proteomics</i> , 2005, 5, 420-425.	1.3	43
16	Semi-automated selection of DNA aptamers using magnetic particle handling. <i>BioTechniques</i> , 2007, 43, 344-353.	0.8	33
17	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
18	G-Quadruplexes as An Alternative Recognition Element in Disease-Related Target Sensing. <i>Molecules</i> , 2019, 24, 1079.	1.7	26

#	ARTICLE	IF	CITATIONS
19	Heterogeneous surface modification of hollow fiber membranes for use in micro-reactor systems. <i>Journal of Membrane Science</i> , 2007, 299, 181-189.	4.1	24
20	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
21	Method for Determining Protein Kinase Substrate Specificities by the Phosphorylation of Peptide Libraries on Beads, Phosphate-Specific Staining, Automated Sorting, and Sequencing. <i>Analytical Biochemistry</i> , 1999, 276, 227-241.	1.1	21
22	Nonradioactive fluorescence microtiter plate assay monitoring aptamer selections. <i>BioTechniques</i> , 2007, 42, 578-582.	0.8	18
23	Directed evolution of nucleotide-based libraries using lambda exonuclease. <i>BioTechniques</i> , 2012, 53, 357-64.	0.8	15
24	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
25	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
26	Application of Aptamers in Therapeutics and for Small-Molecule Detection. , 2006, , 359-373.		11
27	IQPA: Isothermal nucleic acid amplification-based immunoassay using DNAzyme as the reporter system. <i>Analytical Biochemistry</i> , 2014, 463, 67-69.	1.1	11
28	Evaluation of Antibodies and Microarray Coatings As a Prerequisite for the Generation of Optimized Antibody Microarrays. , 2004, 264, 123-134.		9
29	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
30	A Novel Optical Method To Reversibly Control Enzymatic Activity Based On Photoacids. <i>Scientific Reports</i> , 2019, 9, 14372.	1.6	6
31	Diversity visualization by endonuclease: A rapid assay to monitor diverse nucleotide libraries. <i>Analytical Biochemistry</i> , 2011, 411, 16-21.	1.1	4