

Regina Stoltenburg

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,572
citations

516561

16
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

3029
citing authors

#	ARTICLE	IF	CITATIONS
1	SELEX – A (r)evolutionary method to generate high-affinity nucleic acid ligands. <i>New Biotechnology</i> , 2007, 24, 381-403.	2.7	1,198
2	FluMag-SELEX as an advantageous method for DNA aptamer selection. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 83-91.	1.9	305
3	Protein Detection with Aptamer Biosensors. <i>Sensors</i> , 2008, 8, 4296-4307.	2.1	209
4	Capture-SELEX: Selection of DNA Aptamers for Aminoglycoside Antibiotics. <i>Journal of Analytical Methods in Chemistry</i> , 2012, 2012, 1-14.	0.7	177
5	In vitro selection of DNA aptamers binding ethanolamine. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1928-1934.	1.0	126
6	Aptamers for pharmaceuticals and their application in environmental analytics. <i>Bioanalytical Reviews</i> , 2012, 4, 1-30.	0.1	71
7	In vitro Selection and Interaction Studies of a DNA Aptamer Targeting Protein A. <i>PLoS ONE</i> , 2015, 10, e0134403.	1.1	68
8	Development of An Impedimetric Aptasensor for the Detection of <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 2484.	1.8	58
9	The green fluorescent protein targets secretory proteins to the yeast vacuole. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999, 1410, 287-298.	0.5	49
10	G-quadruplex aptamer targeting Protein A and its capability to detect <i>Staphylococcus aureus</i> demonstrated by ELONA. <i>Scientific Reports</i> , 2016, 6, 33812.	1.6	48
11	Halotolerance of the yeast <i>Arxula adenivorans</i> LS3. <i>Antonie Van Leeuwenhoek</i> , 2000, 77, 303-311.	0.7	40
12	Investigations on the Specificity of DNA Aptamers Binding to Ethanolamine. <i>Analytical Chemistry</i> , 2009, 81, 3973-3978.	3.2	39
13	Identification of the Target Binding Site of Ethanolamine-Binding Aptamers and Its Exploitation for Ethanolamine Detection. <i>Analytical Chemistry</i> , 2015, 87, 677-685.	3.2	39
14	The gene γ a new component for an α -based expression platform. <i>FEMS Yeast Research</i> , 2003, 3, 223-232.	1.1	37
15	Post-translational modifications of the Afet3 gene product—a component of the iron transport system in budding cells and mycelia of the yeast <i>Arxula adenivorans</i> . <i>Yeast</i> , 2002, 19, 849-862.	0.8	34
16	Kinetic and Stoichiometric Characterisation of Streptavidin-Binding Aptamers. <i>ChemBioChem</i> , 2012, 13, 829-836.	1.3	24
17	Refining the Results of a Classical SELEX Experiment by Expanding the Sequence Data Set of an Aptamer Pool Selected for Protein A. <i>International Journal of Molecular Sciences</i> , 2018, 19, 642.	1.8	16
18	Genetic diversity of the yeast <i>Candida utilis</i> . <i>Current Genetics</i> , 1992, 22, 441-446.	0.8	15

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19	Molecular cloning and expression of the ARFC3 gene, a component of the replication factor C from the salt-tolerant, dimorphic yeast <i>Arxula adeninivorans</i> LS3. <i>Current Genetics</i> , 1999, 35, 8-13.	0.8	14
20	Long-term effects of restrictive culture conditions on <i>Saccharomyces cerevisiae</i> sec7 cells. <i>Microbiological Research</i> , 1996, 151, 93-97.	2.5	0