Harald Seitz

List of Publications by Year
in descending order

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40	1,876	361413	302126
papers	citations	20 h-index	39 g-index

42	42	42	2229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early prediction of renal graft function: Analysis of a multi-center, multi-level data set. Current Research in Translational Medicine, 2022, 70, 103334.	1.8	2
2	Risk factors for Epsteinâ€“Barr virus reactivation after renal transplantation: Results of a large, multiâ€centre study. Transplant International, 2021, 34, 1680-1688.	1.6	5
3	Ectoine interaction with DNA: influence on ultraviolet radiation damage. Physical Chemistry Chemical Physics, 2020, 22, 6984-6992.	2.8	15
4	A novel approach reveals that HLA class 1 single antigen bead-signatures provide a means of high-accuracy pre-transplant risk assessment of acute cellular rejection in renal transplantation. BMC Immunology, 2019, 20, 11.	2.2	14
5	Direct electron irradiation of DNA in a fully aqueous environment. Damage determination in combination with Monte Carlo simulations. Physical Chemistry Chemical Physics, 2017, 19, 1798-1805.	2.8	23
6	A novel immunoassay for quantitative drug abuse screening in serum. Journal of Immunological Methods, 2016, 436, 34-40.	1.4	10
7	High-performance thin-layer chromatography as a fast screening tool for phosphorylated peptides. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 198-205.	2.3	10
8	Quality control of antibodies for assay development. New Biotechnology, 2016, 33, 544-550.	4.4	5
9	Up-to-Date Applications of Microarrays and Their Way to Commercialization. Microarrays (Basel,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	14
10	Influence of the Compatible Solute Ectoine on the Local Water Structure: Implications for the Binding of the Protein G5P to DNA. Journal of Physical Chemistry B, 2015, 119, 15212-15220.	2.6	51
11	Advances in the quantification of protein microarrays. Current Opinion in Chemical Biology, 2014, 18, 16-20.	6.1	17
12	Electron irradiation of immobilized DNA in solution through a silicon nano-membrane. Radiation Physics and Chemistry, 2013, 88, 70-73.	2.8	3
13	Validation Processes of Protein Biomarkers in Serumâ€”A Cross Platform Comparison. Sensors, 2012, 12, 12710-12728.	3.8	42
14	Facing Current Quantification Challenges in Protein Microarrays. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	24
15	Topological characterization of the DnaAâ€“oriC complex using single-molecule nanomanipuation. Nucleic Acids Research, 2012, 40, 7375-7383.	14.5	27
16	Interaction of a single-stranded DNA-binding protein g5p with DNA oligonucleotides immobilised on a gold surface. Chemical Physics Letters, 2012, 533, 92-94.	2.6	10
17	A DNAzyme based label-free detection system for miniaturized assays. Molecular BioSystems, 2011, 7, 2882.	2.9	12
18	A blueprint of ectoine metabolism from the genome of the industrial producer Halomonas elongata DSM 2581^T. Environmental Microbiology, 2011, 13, 1973-1994.	3.8	224

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19	Identification of novel transcriptional regulators involved in macrophage differentiation and activation in U937 cells. BMC Immunology, 2009, 10, 18.	2.2	92
20	DNA Damage by Low-Energy Electron Impact: Dependence on Guanine Content. Journal of Physical Chemistry B, 2009, 113, 11557-11559.	2.6	41
21	Toward Improved Biochips Based on Rolling Circle Amplificationâ€"Influences of the Microenvironment on the Fluorescence Properties of Labeled DNA Oligonucleotides. Annals of the New York Academy of Sciences, 2008, 1130, 287-292.	3.8	8
22	Differential binding studies applying functional protein microarrays and surface plasmon resonance. Proteomics, 2006, 6, 5132-5139.	2.2	15
23	Bacteriophage replication modules. FEMS Microbiology Reviews, 2006, 30, 321-381.	8.6	158
24	Recent advances of protein microarrays. Current Opinion in Chemical Biology, 2006, 10, 4-10.	6.1	109
25	Miniaturization in functional genomics and proteomics. Nature Reviews Genetics, 2005, 6, 465-476.	16.3	121
26	High Throughput Identification of Potential Arabidopsis Mitogen-activated Protein Kinases Substrates. Molecular and Cellular Proteomics, 2005, 4, 1558-1568.	3.8	223
27	Proteomic Studies Using Microarrays. Current Proteomics, 2004, 1, 283-295.	0.3	22
28	Protein microarray technology and ultraviolet crosslinking combined with mass spectrometry for the analysis of proteinâ€"DNA interactions. Analytical Biochemistry, 2004, 331, 303-313.	2.4	35
29	A catalog of human cDNA expression clones and its application to structural genomics. Genome Biology, 2004, 5, R71.	9.6	18
30	Protein Identification by MALDI-TOF-MS Peptide Mapping:â€‰ A New Strategy. Analytical Chemistry, 2002, 74, 1760-1771.	6.5	53
31	Generation of minimal protein identifiers of proteins from two-dimensional gels and recombinant proteins. Electrophoresis, 2002, 23, 621-625.	2.4	18
32	Strand-specific loading of DnaB helicase by DnaA to a substrate mimicking unwound oriC. Molecular Microbiology, 2002, 46, 1149-1156.	2.5	35
33	Bacterial replication initiator DnaA. Rules for DnaA binding and rolesof DnaA in origin unwinding and helicase loading. Biochimie, 2001, 83, 5-12.	2.6	86
34	A hybrid bacterial replication origin. EMBO Reports, 2001, 2, 1003-1006.	4.5	7
35	The double mechanism of incompatibility between Î» plasmids and Escherichia coli dnaA(ts) host cells. Microbiology (United Kingdom), 2001, 147, 1923-1928.	1.8	19
36	The interaction domains of the DnaA and DnaB replication proteins of Escherichia coli. Molecular Microbiology, 2000, 37, 1270-1279.	2.5	117

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37	The N-terminus promotes oligomerization of the Escherichia coli initiator protein DnaA. Molecular Microbiology, 1999, 34, 53-66.	2.5	99
38	Functional domains of DnaA proteins. Biochimie, 1999, 81, 819-825.	2.6	89
39	Functional domains of DnaA proteins. Biochimie, 1999, 81, 819-825.	2.6	3
40	Identification of protein-protein interactions using Protein Microarrays and Surface Plasmon Resonance Measurements. , 0, 2005, .		0