

Petri Saviranta

List of Publications by Year in descending order

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32
papers

1,176
citations

394421

19
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	ProteomeBinders: planning a European resource of affinity reagents for analysis of the human proteome. <i>Nature Methods</i> , 2007, 4, 13-17.	19.0	231
2	Immunoassay and antibody microarray analysis of the HUPO Plasma Proteome Project reference specimens: Systematic variation between sample types and calibration of mass spectrometry data. <i>Proteomics</i> , 2005, 5, 3278-3291.	2.2	150
3	Evaluating Sandwich Immunoassays in Microarray Format in Terms of the Ambient Analyte Regime. <i>Clinical Chemistry</i> , 2004, 50, 1907-1920.	3.2	91
4	Dual-Label Time-resolved Immunofluorometric Assay of Free and Total Prostate-specific Antigen Based on Recombinant Fab Fragments. <i>Clinical Chemistry</i> , 2000, 46, 658-666.	3.2	59
5	Expanding the conformational diversity by random insertions to CDRH2 results in improved anti-estradiol antibodies 1 Edited by A. R. Fersht. <i>Journal of Molecular Biology</i> , 1999, 291, 589-602.	4.2	56
6	Selecting for antibody scFv fragments with improved stability using phage display with denaturation under reducing conditions. <i>Journal of Immunological Methods</i> , 2005, 296, 159-170.	1.4	51
7	Quantitative Multianalyte Microarray Immunoassay Utilizing Upconverting Phosphor Technology. <i>Analytical Chemistry</i> , 2012, 84, 8628-8634.	6.5	51
8	A cell spot microarray method for production of high density siRNA transfection microarrays. <i>BMC Genomics</i> , 2011, 12, 162.	2.8	50
9	Integrative Functional Genomics Analysis of Sustained Polyploidy Phenotypes in Breast Cancer Cells Identifies an Oncogenic Profile for GINS2. <i>Neoplasia</i> , 2010, 12, 877-IN14.	5.3	44
10	Further improvement of broad specificity hapten recognition with protein engineering. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 37-46.	2.1	38
11	Oligonucleotide Array-in-Well Platform for Detection and Genotyping Human Adenoviruses by Utilizing Upconverting Phosphor Label Technology. <i>Analytical Chemistry</i> , 2011, 83, 1456-1461.	6.5	38
12	In Vitro Enzymatic Biotinylation of Recombinant Fab Fragments through a Peptide Acceptor Tail. <i>Bioconjugate Chemistry</i> , 1998, 9, 725-735.	3.6	36
13	Improving Broad Specificity Hapten Recognition with Protein Engineering. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4194-4201.	5.2	36
14	Real-time measurement of cell permeabilization with low-molecular-weight membranolytic agents. <i>Journal of Antimicrobial Chemotherapy</i> , 1995, 36, 303-315.	3.0	35
15	Real-time wash-free detection of unlabeled PNA-DNA hybridization using discrete FET sensor. <i>Scientific Reports</i> , 2017, 7, 15734.	3.3	26
16	Human Protein Atlas charts a diverse terrain. <i>Trends in Biotechnology</i> , 2006, 24, 195-197.	9.3	25
17	Structural analysis of an anti-estradiol antibody. <i>Molecular Immunology</i> , 1997, 34, 1215-1226.	2.2	20
18	Generation of thermostable monomeric luciferases from <i>Photobacterium luminescens</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1072-1076.	2.1	20

#	ARTICLE	IF	CITATIONS
19	Use of <i>Escherichia coli</i> cloned with genes encoding bacterial luciferase for evaluation of chemical toxicity. <i>Toxicity Assessment</i> , 1990, 5, 337-350.	0.6	19
20	Modulating the binding properties of an anti- ¹²⁵ I-estradiol antibody by systematic mutation combinations. <i>Protein Science</i> , 2009, 12, 2549-2558.	7.6	19
21	A Sensitive Model System for In Vivo Monitoring of Baculovirus Gene Expression in Single Infected Insect Cells. <i>Nature Biotechnology</i> , 1992, 10, 565-569.	17.5	14
22	Affinity-independent elution of antibody-displaying phages using cleavable DNA linker containing streptavidin beads. <i>Journal of Immunological Methods</i> , 2004, 284, 159-163.	1.4	13
23	Cloning, sequencing, expression and characterization of three anti-estradiol- ¹²⁵ I Fab fragments. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1351, 192-202.	2.4	11
24	Synthesis of Novel Europium-Labeled Estradiol Derivatives for Time-Resolved Fluoroimmunoassays. <i>Bioconjugate Chemistry</i> , 1999, 10, 325-331.	3.6	11
25	Antibody Microarrays Using Resonance Light-Scattering Particles for Detection. , 2006, 328, 31-50.		9
26	Array-in-well platform-based multiplex assay for the simultaneous detection of anti-HIV- and treponemal-antibodies, and Hepatitis B surface antigen. <i>Journal of Immunological Methods</i> , 2016, 429, 21-27.	1.4	7
27	Spatio-temporal composition of the mitotic Chromosomal Passenger Complex detected using <i>in situ</i> proximity ligation assay. <i>Molecular Oncology</i> , 2011, 5, 105-111.	4.6	6
28	Array-in-well binding assay for multiparameter screening of phage displayed antibodies. <i>Methods</i> , 2017, 116, 43-50.	3.8	5
29	Engineering dihydropteroate synthase (DHPS) for efficient expression on M13 phage. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 146-154.	2.4	3
30	N-terminal mutations in the anti-estradiol Fab 57a2 modify its hapten binding properties. <i>Protein Science</i> , 2000, 9, 2547-2556.	7.6	1
31	Array-In-Well Epitope Mapping of Phage-Displayed Antibodies. <i>Methods in Molecular Biology</i> , 2018, 1785, 129-140.	0.9	0
32	Immunoassay and antibody microarray analysis of the HUPO Plasma Proteome Project reference specimens: Systematic variation between sample types and calibration of mass spectrometry data. , 0, , 91-113.		0