

Scott L Klakamp

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,285
citations

471509

17
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

1415
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic analysis of a high-affinity antibody/antigen interaction performed by multiple Biacore users. <i>Analytical Biochemistry</i> , 2006, 352, 208-221.	2.4	174
2	Kinetic screening of antibodies from crude hybridoma samples using Biacore. <i>Analytical Biochemistry</i> , 2004, 325, 301-307.	2.4	126
3	Characterizing high-affinity antigen/antibody complexes by kinetic- and equilibrium-based methods. <i>Analytical Biochemistry</i> , 2004, 328, 35-43.	2.4	121
4	Protective interactive noncondensing (PINC) polymers for enhanced plasmid distribution and expression in rat skeletal muscle. <i>Journal of Controlled Release</i> , 1998, 52, 191-203.	9.9	110
5	Screening antibody-antigen interactions in parallel using Biacore A100. <i>Analytical Biochemistry</i> , 2006, 353, 181-190.	2.4	108
6	A global benchmark study using affinity-based biosensors. <i>Analytical Biochemistry</i> , 2009, 386, 194-216.	2.4	85
7	Detection of High- and Low-Affinity Antibodies Against a Human Monoclonal Antibody Using Various Technology Platforms. <i>Assay and Drug Development Technologies</i> , 2007, 5, 655-662.	1.2	73
8	Biacore surface matrix effects on the binding kinetics and affinity of an antigen/antibody complex. <i>Analytical Biochemistry</i> , 2012, 429, 58-69.	2.4	73
9	The preparation, characterization, and evaluation of cationic microparticles for DNA vaccine delivery. <i>Pharmaceutical Research</i> , 2001, 18, 709-712.	3.5	69
10	Lanthanide ion luminescence as a probe of DNA structure. 2. Non-guanine-containing oligomers and nucleotides. <i>Journal of Inorganic Biochemistry</i> , 1992, 46, 193-205.	3.5	68
11	Lanthanide ion luminescence as a probe of DNA structure. 1. Guanine-containing oligomers and nucleotides. <i>Journal of Inorganic Biochemistry</i> , 1992, 46, 175-192.	3.5	51
12	Translational strategies for development of monoclonal antibodies from discovery to the clinic. <i>Drug Discovery Today</i> , 2009, 14, 298-305.	6.4	49
13	Laser-induced europium(III) luminescence and NMR spectroscopic characterization of macrocyclic diaza crown ether complexes containing carboxylate ligating groups. <i>Inorganic Chemistry</i> , 1990, 29, 2651-2658.	4.0	43
14	A strategic and systematic approach for the determination of biosensor regeneration conditions. <i>Journal of Immunological Methods</i> , 2011, 371, 165-169.	1.4	27
15	Application of Analytical Detection Concepts to Immunogenicity Testing. <i>Analytical Chemistry</i> , 2007, 79, 8176-8184.	6.5	22
16	Surrogate approaches in development of monoclonal antibodies. <i>Drug Discovery Today</i> , 2009, 14, 1159-1165.	6.4	20
17	A rigorous multiple independent binding site model for determining cell-based equilibrium dissociation constants. <i>Journal of Immunological Methods</i> , 2007, 318, 147-152.	1.4	18
18	The europium (III)-induced conformational transitions of poly(dG-dC) · poly(dG-dC) and poly(dG-m5dC) · poly(dG-m5dC) as studied by europium(III) luminescence, UV, and CD spectroscopy. <i>Biopolymers</i> , 1990, 30, 33-43.	2.4	17

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19	In Vitro Properties of MEDI-4212, a Human Anti-IgE Antibody for the Treatment of Allergic Asthma.. , 2009, , .		2
20	Miscalculating Equilibrium Constants for Multivalent Protein Complexes: Site-Binding Concentration or Protein Molecular Concentration?. Journal of Pharmaceutical Sciences, 2021, 110, 2585-2589.	3.3	2
21	Translational Strategies for Development of Antibody-Based Therapeutics: An Overview. , 2012, , 1-7.		2
22	Bioanalytical Considerations for Development of Antibody-Based Therapeutics: Pharmacokinetics and Immunogenicity. , 2012, , 153-181.		1
23	Considerations for Construct and Affinity Design Goals. , 2018, , 19-40.		1
24	Characterizing High Affinity Antigen/Antibody Complexes by Kinetic and Equilibrium Based Methods. , 2010, , 179.		1
25	Europium(III) luminescence spectroscopy: A structural probe for oligodeoxynucleotides. Journal of Inorganic Biochemistry, 1989, 36, 298.	3.5	0