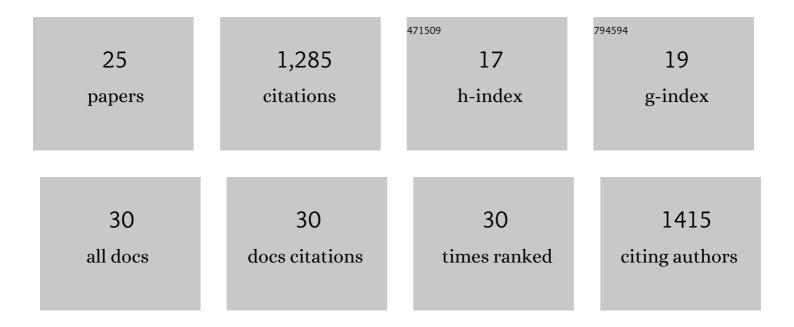
## Scott L Klakamp

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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         |
| 2  | Considerations for Construct and Affinity Design Goals. , 2018, , 19-40.  |     | 1         |
| 3  | Biacore surface matrix effects on the binding kinetics and affinity of an antigen/antibody complex.<br>Analytical Biochemistry, 2012, 429, 58-69.   | 2.4 | 73        |
| 4  | Bioanalytical Considerations for Development of Antibody-Based Therapeutics: Pharmacokinetics and Immunogenicity. , 2012, , 153-181.  |     | 1         |
| 5  | Translational Strategies for Development of Antibody-Based Therapeutics: An Overview. , 2012, , 1-7.  |     | 2         |
| 6  | A strategic and systematic approach for the determination of biosensor regeneration conditions.<br>Journal of Immunological Methods, 2011, 371, 165-169.  | 1.4 | 27        |
| 7  | Characterizing High Affinity Antigen/Antibody Complexes by Kinetic and Equilibrium Based Methods. ,<br>2010, , 179.   |     | 1         |
| 8  | Translational strategies for development of monoclonal antibodies from discovery to the clinic.<br>Drug Discovery Today, 2009, 14, 298-305.   | 6.4 | 49        |
| 9  | Surrogate approaches in development of monoclonal antibodies. Drug Discovery Today, 2009, 14, 1159-1165.  | 6.4 | 20        |
| 10 | A global benchmark study using affinity-based biosensors. Analytical Biochemistry, 2009, 386, 194-216.  | 2.4 | 85        |
| 11 | In Vitro Properties of MEDI-4212, a Human Anti-IgE Antibody for the Treatment of Allergic Asthma ,<br>2009, , .   |     | 2         |
| 12 | Application of Analytical Detection Concepts to Immunogenicity Testing. Analytical Chemistry, 2007, 79, 8176-8184.  | 6.5 | 22        |
| 13 | Detection of High- and Low-Affinity Antibodies Against a Human Monoclonal Antibody Using Various<br>Technology Platforms. Assay and Drug Development Technologies, 2007, 5, 655-662.              | 1.2 | 73        |
| 14 | A rigorous multiple independent binding site model for determining cell-based equilibrium dissociation constants. Journal of Immunological Methods, 2007, 318, 147-152.                           | 1.4 | 18        |
| 15 | Kinetic analysis of a high-affinity antibody/antigen interaction performed by multiple Biacore users.<br>Analytical Biochemistry, 2006, 352, 208-221.   | 2.4 | 174       |
| 16 | Screening antibody–antigen interactions in parallel using Biacore A100. Analytical Biochemistry, 2006,<br>353, 181-190.   | 2.4 | 108       |
| 17 | Characterizing high-affinity antigen/antibody complexes by kinetic- and equilibrium-based methods.<br>Analytical Biochemistry, 2004, 328, 35-43.  | 2.4 | 121       |
| 18 | Kinetic screening of antibodies from crude hybridoma samples using Biacore. Analytical Biochemistry, 2004, 325, 301-307.  | 2.4 | 126       |

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The preparation, characterization, and evaluation of cationic microparticles for DNA vaccine delivery.<br>Pharmaceutical Research, 2001, 18, 709-712.   | 3.5 | 69        |
| 20 | Protective interactive noncondensing (PINC) polymers for enhanced plasmid distribution and expression in rat skeletal muscle. Journal of Controlled Release, 1998, 52, 191-203.   | 9.9 | 110       |
| 21 | Lanthanide ion luminescence as a probe of DNA structure. 1. Guanine-containing oligomers and nucleotides. Journal of Inorganic Biochemistry, 1992, 46, 175-192.   | 3.5 | 51        |
| 22 | Lanthanide ion luminescence as a probe of DNA structure. 2. Non-guanine-containing oligomers and nucleotides. Journal of Inorganic Biochemistry, 1992, 46, 193-205.   | 3.5 | 68        |
| 23 | The europium (III)-induced conformational transitions of poly(dG-dC) · poly(dG-dC) and poly(dG-m5dC) ·<br>poly(dG-m5dC) as studied by europium(III) luminescence, UV, and CD spectroscopy. Biopolymers, 1990, 30,<br>33-43. | 2.4 | 17        |
| 24 | Laser-induced europium(III) luminescence and NMR spectroscopic characterization of macrocyclic<br>diaza crown ether complexes containing carboxylate ligating groups. Inorganic Chemistry, 1990, 29,<br>2651-2658.          | 4.0 | 43        |
| 25 | Europium(III) luminescence spectroscopy: A structural probe for oligodeoxynucleotides. Journal of<br>Inorganic Biochemistry, 1989, 36, 298.   | 3.5 | 0         |