

Ian S Brooks

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4212016/publications.pdf>

Version: 2024-02-01

21
papers

1,682
citations

623734

14
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

2121
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Rate and Equilibrium Binding Constants for Macromolecular Interactions Using Surface Plasmon Resonance: Use of Nonlinear Least Squares Analysis Methods. <i>Analytical Biochemistry</i> , 1993, 212, 457-468.	2.4	547
2	Framework for Managing the COVID-19 Infodemic: Methods and Results of an Online, Crowdsourced WHO Technical Consultation. <i>Journal of Medical Internet Research</i> , 2020, 22, e19659.	4.3	356
3	Determination of the monomer-dimer equilibrium of interleukin-8 reveals it is a monomer at physiological concentrations. <i>Biochemistry</i> , 1994, 33, 12741-12745.	2.5	163
4	Use of protein unfolding studies to determine the conformational and dimeric stabilities of HIV-1 and SIV proteases. <i>Biochemistry</i> , 1992, 31, 9491-9501.	2.5	91
5	Binding Interactions of Human Interleukin 5 with Its Receptor $\hat{\pm}$ Subunit. <i>Journal of Biological Chemistry</i> , 1995, 270, 9459-9471.	3.4	91
6	A Public Health Research Agenda for Managing Infodemics: Methods and Results of the First WHO Infodemiology Conference. <i>JMIR Infodemiology</i> , 2021, 1, e30979.	2.4	78
7	Mobile Platform for Multiplexed Detection and Differentiation of Disease-Specific Nucleic Acid Sequences, Using Microfluidic Loop-Mediated Isothermal Amplification and Smartphone Detection. <i>Analytical Chemistry</i> , 2017, 89, 11219-11226.	6.5	68
8	[15] Determination of rate and equilibrium binding constants for macromolecular interactions by surface plasmon resonance. <i>Methods in Enzymology</i> , 1994, 240, 323-349.	1.0	66
9	Specific inhibition of herpes simplex virus DNA polymerase by helical peptides corresponding to the subunit interface.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 1456-1460.	7.1	57
10	The magnitude of COVID-19's effect on the timely management of melanoma and nonmelanoma skin cancers. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 1100-1103.	1.2	34
11	Mutational effects on inclusion body formation in the periplasmic expression of the immunoglobulin VL domain REI. <i>Folding & Design</i> , 1996, 1, 77-89.	4.5	32
12	[21] Determining confidence intervals for parameters derived from analysis of equilibrium analytical ultracentrifugation data. <i>Methods in Enzymology</i> , 1994, 240, 459-478.	1.0	28
13	Application of Software Design Principles and Debugging Methods to an Analgesia Prescription Reduces Risk of Severe Injury From Medical Use of Opioids. <i>Clinical Pharmacology and Therapeutics</i> , 2008, 84, 385-392.	4.7	19
14	Measurement of protein interaction bioenergetics: Application to structural variants of anti-sCD4 antibody. <i>Methods in Enzymology</i> , 2000, 323, 207-230.	1.0	16
15	Breaking out: the turning point in learning using mobile technology. <i>Heliyon</i> , 2021, 7, e06595.	3.2	10
16	Association of Rei Immunoglobulin Light Chain VL Domains: The Functional Linearity Of Parameters in Equilibrium Analytical Ultracentrifuge Models for Self-Associating Systems. , 1994, , 15-36.		9
17	Using local scale exponent to characterize heart rate variability in response to postural changes in people with spinal cord injury. <i>Frontiers in Physiology</i> , 2015, 6, 142.	2.8	5
18	Laue diffraction from protein crystals using a sealed-tube X-ray source. <i>Journal of Applied Crystallography</i> , 1991, 24, 146-148.	4.5	4

#	ARTICLE	IF	CITATIONS
19	Goal-Framing and Temporal-Framing: Effects on the Acceptance of Childhood Simple Obesity Prevention Messages among Preschool Children's Caregivers in China. International Journal of Environmental Research and Public Health, 2020, 17, 770.	2.6	4
20	Assessing complexity of heart rate variability in people with spinal cord injury using local scale exponents. , 2014, 2014, 6381-4.		1
21	Multiplexed detection of infectious diseases with microfluidic loop-mediated isothermal amplification and a smartphone. , 2017, , .		0