

Norman G Anderson

List of Publications by Year in descending order

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59
papers

9,299
citations

186265
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155660
55
g-index

59
all docs

59
docs citations

59
times ranked

8825
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Plasma Proteome. Molecular and Cellular Proteomics, 2002, 1, 845-867.	3.8	3,776
2	Proteome and proteomics: New technologies, new concepts, and new words. Electrophoresis, 1998, 19, 1853-1861.	2.4	920
3	Mass Spectrometric Quantitation of Peptides and Proteins Using Stable Isotope Standards and Capture by Anti-Peptide Antibodies (SISCAPA). Journal of Proteome Research, 2004, 3, 235-244.	3.7	773
4	Analytical techniques for cell fractions. Analytical Biochemistry, 1978, 85, 331-340.	2.4	623
5	Analytical techniques for cell fractions. Analytical Biochemistry, 1978, 85, 341-354.	2.4	534
6	Viral genome sequencing by random priming methods. BMC Genomics, 2008, 9, 5.	2.8	282
7	A Human Proteome Detection and Quantitation Project. Molecular and Cellular Proteomics, 2009, 8, 883-886.	3.8	186
8	Twenty years of two-dimensional electrophoresis: Past, present and future. Electrophoresis, 1996, 17, 443-453.	2.4	185
9	Metagenomic Analysis of RNA Viruses in a Fresh Water Lake. PLoS ONE, 2009, 4, e7264.	2.5	159
10	A two-dimensional gel database of rat liver proteins useful in gene regulation and drug effects studies. Electrophoresis, 1991, 12, 907-913.	2.4	156
11	A two-dimensional gel database of human plasma proteins. Electrophoresis, 1991, 12, 883-884.	2.4	146
12	Back to the future: The human protein index (HPI) and the agenda for post-proteomic biology. Proteomics, 2001, 1, 3-12.	2.2	130
13	Specific antiserum staining of two-dimensional electrophoretic patterns of human plasma proteins immobilized on nitrocellulose. Electrophoresis, 1982, 3, 135-142.	2.4	110
14	Evolutionary Significance of Virus Infection. Nature, 1970, 227, 1346-1347.	27.8	100
15	Analytical techniques for cell fractions. Analytical Biochemistry, 1979, 100, 289-298.	2.4	93
16	Quantitative reproducibility of measurements from Coomassie Blue-stained two-dimensional gels: Analysis of mouse liver protein patterns and a comparison of BALB/c and C57 strains. Electrophoresis, 1985, 6, 592-599.	2.4	73
17	Analytical techniques for cell fractions. Analytical Biochemistry, 1980, 102, 47-58.	2.4	67
18	Analytical techniques for cell fractions. Analytical Biochemistry, 1969, 28, 545-562.	2.4	66

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19	Cell Division. Part One. A Theoretical Approach to the Primeval Mechanism, the Initiation of Cell Division, and Chromosomal Condensation. Quarterly Review of Biology, 1956, 31, 169-199.	0.1	62
20	An updated two-dimensional gel database of rat liver proteins useful in gene regulation and drug effect studies. Electrophoresis, 1995, 16, 1977-1981.	2.4	62
21	THE ZONAL ULTRACENTRIFUGE. A NEW INSTRUMENT FOR FRACTIONATING MIXTURES OF PARTICLES. The Journal of Physical Chemistry, 1962, 66, 1984-1989.	2.9	57
22	Simultaneous Measurement of Hundreds of Liver Proteins: Application in Assessment of Liver Function. Toxicologic Pathology, 1996, 24, 72-76.	1.8	51
23	Studies on isolated cell components. Experimental Cell Research, 1951, 2, 47-57.	2.6	50
24	The use of carbamylated charge standards for testing batches of ampholytes used in two- dimensional electrophoresis. Electrophoresis, 1981, 2, 155-160.	2.4	50
25	Analytical differential centrifugation: An analysis of the sedimentation properties of synaptosomes, mitochondria and lysosomes from rat brain homogenates. Archives of Biochemistry and Biophysics, 1970, 136, 436-447.	3.0	47
26	Two-Dimensional Electrophoretic Analysis of Wheat Seed Proteins 1. Crop Science, 1985, 25, 667-674.	1.8	37
27	Global Screening for Human Viral Pathogens. Emerging Infectious Diseases, 2003, 9, 768-773.	4.3	37
28	High-Resolution Two-Dimensional Electrophoretic Mapping of Plasma Proteins. , 1984, , 221-270.		34
29	Analytical techniques for cell fractions. Analytical Biochemistry, 1968, 23, 72-83.	2.4	32
30	Preparative particle separation in density gradients. Quarterly Reviews of Biophysics, 1968, 1, 217-263.	5.7	28
31	Purification of Influenza Virus in the K-II Zonal Centrifuge. Nature, 1969, 221, 1255-1256.	27.8	27
32	The development of automated systems for clinical and research use. Clinica Chimica Acta, 1969, 25, 321-330.	1.1	26
33	Numerical measures of two-dimensional gel resolution and positional reproducibility. Electrophoresis, 1983, 4, 338-346.	2.4	26
34	Analytical techniques for cell fractions. Analytical Biochemistry, 1969, 32, 59-69.	2.4	25
35	GeMsaec:* A New Analytic Tool for Clinical Chemistry Total Serum Protein with the Biuret Reaction. American Journal of Clinical Pathology, 1969, 52, 645-650.	0.7	24
36	STUDIES ON ISOLATED CELL COMPONENTS. Journal of Cell Biology, 1964, 21, 309-323.	5.2	23

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37	Separation of <i>Treponema pallidum</i> from Tissue Substances by Continuous-Flow Zonal Centrifugation. <i>Applied Microbiology</i> , 1972, 23, 714-720.	0.6	23
38	Effects of aroclor 1254 on proteins of mouse liver: Application of two-dimensional electrophoretic protein mapping. <i>Electrophoresis</i> , 1986, 7, 44-48.	2.4	20
39	Virus Isolation in the Zonal Ultracentrifuge. <i>Nature</i> , 1963, 199, 1166-1168.	27.8	18
40	Labile colloidal complexes of the cytoplasm. <i>Journal of Cellular and Comparative Physiology</i> , 1957, 49, 221-241.	1.8	16
41	Degree of Polymerization of Deoxyribonucleic Acid. <i>Nature</i> , 1953, 172, 807-808.	27.8	15
42	Mechanical Device for Producing Density Gradients in Liquids. <i>Review of Scientific Instruments</i> , 1955, 26, 891-892.	1.3	14
43	Analytical techniques for cell fractions. <i>Analytical Biochemistry</i> , 1968, 23, 207-218.	2.4	13
44	Adventures in Clinical Chemistry and Proteomics: A Personal Account. <i>Clinical Chemistry</i> , 2010, 56, 154-160.	3.2	12
45	The development of fast analyzers. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1972, 261, 257-271.	0.8	11
46	Muscle Protein Analysis by Two-Dimensional Gel Electrophoresis. <i>CRC Critical Reviews in Clinical Laboratory Sciences</i> , 1982, 18, 79-109.	1.0	11
47	TECHNIQUES FOR THE MASS ISOLATION OF CELLULAR COMPONENTS. , 1956, , 299-352.		11
48	Analytical techniques for cell fractions. <i>Analytical Biochemistry</i> , 1969, 31, 272-278.	2.4	10
49	Analytical techniques for cell fractions. <i>Analytical Biochemistry</i> , 1969, 30, 230-248.	2.4	9
50	K-series centrifuges. <i>Analytical Biochemistry</i> , 1970, 34, 112-122.	2.4	9
51	The nature of observed schlieren patterns in isoelectric focusing gels and their use for position of banded proteins. <i>Electrophoresis</i> , 1981, 2, 161-168.	2.4	7
52	High-Resolution Protein Separation and Identification Methods Applicable to Virology. <i>Current Topics in Microbiology and Immunology</i> , 1983, 104, 197-217.	1.1	7
53	Large-scale oligonucleotide synthesizers. <i>Applied Biochemistry and Biotechnology</i> , 1995, 54, 19-42.	2.9	6
54	Alterations of gene expression in Novikoff hepatoma cells induced by a factor in human urine. <i>Biochemical and Biophysical Research Communications</i> , 1979, 91, 1089-1094.	2.1	3

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55	A Note on "Homogenizers" for Tissue Brei Preparation. Journal of Cell Biology, 1956, 2, 219-220.	5.2	3
56	An Optical Density Thermometer. Analytical Letters, 1969, 2, 373-378.	1.8	2
57	Isopycnetric Serology: a New Technique based on Buoyant Density Changes in Latex Beads. Nature: New Biology, 1971, 231, 112-114.	4.5	2
58	Effects of Toxic Agents at the Protein Level: Quantitative Measurement of 213 Mouse Liver Proteins following Xenobiotic Treatment. Toxicological Sciences, 1987, 8, 39-50.	3.1	0
59	Research instrumentation for the 21st century: progress toward complete genomic maps and sequence data bases, and indexes of protein gene products. , 1988, , 117-128.		0