

Biji T Kurien

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,681
citations

257101

24
h-index

189595

50
g-index

100
all docs

100
docs citations

100
times ranked

3699
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>47XXY</sc> and <sc>47XXX</sc> in Scleroderma and Myositis. ACR Open Rheumatology, 2022, 4, 528-533.	0.9	8
2	Nanosensors in clinical development of CAR-T cell immunotherapy. Biosensors and Bioelectronics, 2022, 206, 114124.	5.3	5
3	In vitro effects of curcumin on proinflammatory cytokines and expression of their genes in minor salivary gland tissue of patients with Sjogren's syndrome. Rheumatology International, 2021, , 1.	1.5	4
4	And Yet It Moves: Oxidation of the Nuclear Autoantigen La/SS-B Is the Driving Force for Nucleo-Cytoplasmic Shuttling. International Journal of Molecular Sciences, 2021, 22, 9699.	1.8	7
5	A Small Step, a Giant Leap: Somatic Hypermutation of a Single Amino Acid Leads to Anti-La Autoreactivity. International Journal of Molecular Sciences, 2021, 22, 12046.	1.8	1
6	Sjogren Syndrome without Focal Lymphocytic Infiltration of the Salivary Glands. Journal of Rheumatology, 2020, 47, 394-399.	1.0	22
7	Characterization of cxorf21 Provides Molecular Insight Into Female-Bias Immune Response in SLE Pathogenesis. Frontiers in Immunology, 2019, 10, 2160.	2.2	31
8	Lysosomal pH Is Regulated in a Sex Dependent Manner in Immune Cells Expressing CXorf21. Frontiers in Immunology, 2019, 10, 578.	2.2	52
9	Artifacts and Common Errors in Protein Gel Electrophoresis. Methods in Molecular Biology, 2019, 1855, 511-518.	0.4	0
10	Isoelectric Focusing on Non-Denaturing Flatbed Gels. Methods in Molecular Biology, 2019, 1855, 93-100.	0.4	0
11	Two-Dimensional Gel Electrophoresis by Glass Tube-Based IEF and SDS-PAGE. Methods in Molecular Biology, 2019, 1855, 107-113.	0.4	3
12	Ultrarapid Sodium Dodecyl Sulfate Polyacrylamide Mini-Gel Electrophoresis. Methods in Molecular Biology, 2019, 1855, 491-494.	0.4	1
13	Protein Extraction from Gels: A Brief Review. Methods in Molecular Biology, 2019, 1855, 479-482.	0.4	5
14	Evidence of Alternative Modes of B Cell Activation Involving Acquired Fab Regions of N-glycosylation in Antibody-secreting Cells Infiltrating the Labial Salivary Glands of Patients With Sjogren's Syndrome. Arthritis and Rheumatology, 2018, 70, 1102-1113.	2.9	5
15	Prognostic value of Sjogren's syndrome autoantibodies. Journal of Laboratory and Precision Medicine, 2018, 3, 92-92.	1.1	18
16	Application of Heat to Quickly Stain and Destain Proteins Stained with Coomassie Blue. Methods in Molecular Biology, 2018, 1853, 37-45.	0.4	2
17	Stained Gels Can Be Stored for Several Months in Nonsealed Polyethylene Bags. Methods in Molecular Biology, 2018, 1853, 273-279.	0.4	0
18	Destaining Coomassie Brilliant Blue-Stained Sodium Dodecyl Sulfate-Polyacrylamide Protein Gels Using a Household Detergent. Methods in Molecular Biology, 2018, 1853, 255-258.	0.4	0

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19	Curcumin/Turmeric as an Environment-Friendly Protein Gel Stain. <i>Methods in Molecular Biology</i> , 2018, 1853, 121-131.	0.4	1
20	Heat/Pressure Treatment with Detergents Significantly Increases Curcumin Solubility and Stability: Its Use as an Environment-Friendly Protein Gel Stain. <i>Methods in Molecular Biology</i> , 2018, 1853, 237-246.	0.4	1
21	Paper Adsorbents Remove Coomassie Blue from Gel Destain and Used Gel Stain in an Environment-Friendly Manner. <i>Methods in Molecular Biology</i> , 2018, 1853, 259-268.	0.4	1
22	Validating Antibody Specificities for Immunohistochemistry by Protein Blotting Methods. <i>Methods in Molecular Biology</i> , 2017, 1554, 61-73.	0.4	6
23	Brief Report: Rare X Chromosome Abnormalities in Systemic Lupus Erythematosus and Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2017, 69, 2187-2192.	2.9	35
24	Strawberries Improve Pain and Inflammation in Obese Adults with Radiographic Evidence of Knee Osteoarthritis. <i>Nutrients</i> , 2017, 9, 949.	1.7	85
25	Nutraceutical value of pure curcumin. <i>Pharmacognosy Magazine</i> , 2017, 13, 161.	0.3	11
26	Anti-La positive, anti-Ro negative subset of primary Sjögren's syndrome: anti-La is a reality but is the disease?. <i>Clinical and Experimental Rheumatology</i> , 2017, 35, 438-444.	0.4	6
27	X Chromosome Dose and Sex Bias in Autoimmune Diseases: Increased Prevalence of 47,XXX in Systemic Lupus Erythematosus and Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2016, 68, 1290-1300.	2.9	114
28	Klinefelter's syndrome (47,XXY) is in excess among men with Sjögren's syndrome. <i>Clinical Immunology</i> , 2016, 168, 25-29.	1.4	68
29	Autoantibodies in Sjögren's Syndrome. <i>Rheumatic Disease Clinics of North America</i> , 2016, 42, 419-434.	0.8	139
30	Letter to the Editor: Getting to the True Values of Thyroglobulin and Anti-Thyroglobulin Antibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, L38-L39.	1.8	0
31	Therapeutic potential of curcumin and curcumin analogues in rheumatology. <i>International Journal of Rheumatic Diseases</i> , 2015, 18, 591-593.	0.9	4
32	Proteomics in rheumatology. <i>International Journal of Rheumatic Diseases</i> , 2015, 18, 815-817.	0.9	4
33	Association between Secondary and Primary Sjögren's Syndrome in a Large Collection of Lupus Families. <i>Autoimmune Diseases</i> , 2015, 2015, 1-4.	2.7	12
34	Western Blotting: An Introduction. <i>Methods in Molecular Biology</i> , 2015, 1312, 17-30.	0.4	111
35	Haematological manifestations of lupus. <i>Lupus Science and Medicine</i> , 2015, 2, e000078-e000078.	1.1	174
36	Significantly reduced lymphadenopathy, salivary gland infiltrates and proteinuria in MRL-lpr/lpr mice treated with ultrasoluble curcumin/turmeric: increased survival with curcumin treatment. <i>Lupus Science and Medicine</i> , 2015, 2, e000114.	1.1	23

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37	SDS-PAGE to Immunoblot in One Hour. <i>Methods in Molecular Biology</i> , 2015, 1312, 449-454.	0.4	7
38	Calcium Binding by Ro 60 Multiple Antigenic Peptides on PVDF Membrane. <i>Methods in Molecular Biology</i> , 2015, 1314, 165-171.	0.4	0
39	Fingerprint Deposition on Nitrocellulose and Polyvinylidene Difluoride Membranes Using Alkaline Phosphatase. <i>Methods in Molecular Biology</i> , 2015, 1312, 481-485.	0.4	2
40	Other Notable Protein Blotting Methods: A Brief Review. <i>Methods in Molecular Biology</i> , 2015, 1312, 487-503.	0.4	9
41	Multiple Immunoblots by Passive Diffusion of Proteins from a Single SDS-PAGE Gel. <i>Methods in Molecular Biology</i> , 2015, 1312, 77-86.	0.4	16
42	Other Notable Methods of Membrane Protein Detection: A Brief Review. <i>Methods in Molecular Biology</i> , 2015, 1314, 357-370.	0.4	4
43	Western Blotting of High and Low Molecular Weight Proteins Using Heat. <i>Methods in Molecular Biology</i> , 2015, 1312, 247-255.	0.4	8
44	Strip Immunoblotting of Multiple Antigenic Peptides. <i>Methods in Molecular Biology</i> , 2015, 1312, 269-276.	0.4	2
45	On-Membrane Renaturation of Recombinant Ro60 Autoantigen by Calcium Ions. <i>Methods in Molecular Biology</i> , 2015, 1314, 255-261.	0.4	1
46	Invisible Ink Marking in ECL Membrane Assays. <i>Methods in Molecular Biology</i> , 2015, 1314, 375-382.	0.4	1
47	Analysis of Antibody Clonotype by Affinity Immunoblotting. <i>Methods in Molecular Biology</i> , 2015, 1312, 109-117.	0.4	0
48	Purification of Tryptic Digests on Polyvinylidene Difluoride Membrane. <i>Methods in Molecular Biology</i> , 2015, 1314, 273-277.	0.4	0
49	From Little Helpers to Automation. <i>Methods in Molecular Biology</i> , 2015, 1312, 31-40.	0.4	1
50	Membrane Strip Affinity Purification of Autoantibodies. <i>Methods in Molecular Biology</i> , 2015, 1312, 257-267.	0.4	0
51	Prolidase deficiency breaks tolerance to lupus-associated antigens. <i>International Journal of Rheumatic Diseases</i> , 2013, 16, 674-680.	0.9	30
52	Native Flatbed Isoelectric Focusing for Determining Antibody Clonotype Distribution. <i>Methods in Molecular Biology</i> , 2012, 869, 259-266.	0.4	1
53	Extraction of Proteins from Gels: A Brief Review. <i>Methods in Molecular Biology</i> , 2012, 869, 403-405.	0.4	28
54	Long-Term, Buffer-Less, Wet Gel Storage in Non-sealed Polyethylene Bags. <i>Methods in Molecular Biology</i> , 2012, 869, 437-443.	0.4	1

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55	Accelerated Coomassie Blue Staining and Destaining of SDS-PAGE Gels with Application of Heat. <i>Methods in Molecular Biology</i> , 2012, 869, 471-479.	0.4	10
56	Spicy SDS-PAGE Gels: Curcumin/Turmeric as an Environment-Friendly Protein Stain. <i>Methods in Molecular Biology</i> , 2012, 869, 567-578.	0.4	12
57	Coomassie Brilliant Blue Removal/Disposal from Gel Destain and Used Gel Stain in an Environment-Friendly Manner. <i>Methods in Molecular Biology</i> , 2012, 869, 607-616.	0.4	5
58	A Brief Review of Other Notable Protein Detection Methods on Acrylamide Gels. <i>Methods in Molecular Biology</i> , 2012, 869, 617-620.	0.4	5
59	Common Artifacts and Mistakes Made in Electrophoresis. <i>Methods in Molecular Biology</i> , 2012, 869, 633-640.	0.4	11
60	Putative sequences on Ro60 three-dimensional structure accessible for 4-hydroxy-2-nonenal (HNE) modification compared to in vitro HNE modification of Ro60 sequences. <i>Molecular Immunology</i> , 2012, 50, 185-192.	1.0	5
61	Induction of anti-Ro60/anti-La by immunisation with spectrin and induction of anti-spectrin by immunisation with Ro60 and 4-hydroxy-2-nonenal-modified Ro60 immunisation. <i>Clinical and Experimental Rheumatology</i> , 2012, 30, 886-93.	0.4	4
62	An Overview of Western Blotting for Determining Antibody Specificities for Immunohistochemistry. <i>Methods in Molecular Biology</i> , 2011, 717, 55-67.	0.4	43
63	Degree of modification of Ro60 by the lipid peroxidation by-product 4-hydroxy-2-nonenal may differentially induce Sjögren syndrome or systemic lupus erythematosus in BALB/c mice. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1222-1233.	1.3	23
64	Heat-solubilized curry spice curcumin inhibits antibody-antigen interaction in <i>in vitro</i> studies: A possible therapy to alleviate autoimmune disorders. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1202-1209.	1.5	32
65	A Brief Review of Other Notable Protein Detection Methods on Blots. <i>Methods in Molecular Biology</i> , 2009, 536, 557-571.	0.4	13
66	Introduction to Protein Blotting. <i>Methods in Molecular Biology</i> , 2009, 536, 9-22.	0.4	19
67	Tryptic Peptide Purification Using Polyvinylidene Difluoride Membrane for Matrix-Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2009, 536, 39-44.	0.4	0
68	Affinity Immunoblotting for Analysis of Antibody Clonotype Distribution in a Lupus Patient Developing Anti-Ro 60 Over Time. <i>Methods in Molecular Biology</i> , 2009, 536, 45-53.	0.4	7
69	Nonelectrophoretic Bidirectional Transfer of a Single SDS-PAGE Gel with Multiple Antigens to Obtain 12 Immunoblots. <i>Methods in Molecular Biology</i> , 2009, 536, 55-65.	0.4	9
70	A Brief Review of Other Notable Protein Blotting Methods. <i>Methods in Molecular Biology</i> , 2009, 536, 367-384.	0.4	14
71	Ultrarapid Electrophoretic Transfer of High and Low Molecular Weight Proteins Using Heat. <i>Methods in Molecular Biology</i> , 2009, 536, 181-190.	0.4	10
72	Strip Immunoblotting of Multiple Antigenic Peptides to Nitrocellulose Membrane. <i>Methods in Molecular Biology</i> , 2009, 536, 191-199.	0.4	1

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73	Affinity Purification of Autoantibodies from an Antigen Strip Excised from a Nitrocellulose Protein Blot. <i>Methods in Molecular Biology</i> , 2009, 536, 201-211.	0.4	19
74	Detection of calcium binding by Ro 60 multiple antigenic peptides on nitrocellulose membrane using Quin-2-. <i>Methods in Molecular Biology</i> , 2009, 536, 483-490.	0.4	2
75	Sending Secret Messages on Nitrocellulose Membrane and the Use of a Molecular Pen for Orientation in ECL Membrane Assays. <i>Methods in Molecular Biology</i> , 2009, 536, 573-581.	0.4	4
76	Renaturation of Recombinant Ro 60 Autoantigen by Calcium Ions on PVDF Membrane. <i>Methods in Molecular Biology</i> , 2009, 536, 299-306.	0.4	0
77	Can low dose diagnostic dental radiation trigger Sjögren's syndrome?. <i>Medical Hypotheses</i> , 2007, 69, 995-1000.	0.8	5
78	Improving the Solubility and Pharmacological Efficacy of Curcumin by Heat Treatment. <i>Assay and Drug Development Technologies</i> , 2007, 5, 567-576.	0.6	266
79	Western blotting. <i>Methods</i> , 2006, 38, 283-293.	1.9	322
80	Email iconography for health professionals. <i>Medical Journal of Australia</i> , 2006, 184, 48-48.	0.8	6
81	A possible animal model of naturally occurring multinodular goitre in the Nilgiris of southern India. <i>Medical Journal of Australia</i> , 2006, 185, 677-677.	0.8	0
82	Prolidase deficiency and the biochemical assays used in its diagnosis. <i>Analytical Biochemistry</i> , 2006, 349, 165-175.	1.1	29
83	Oxidatively modified autoantigens in autoimmune diseases. <i>Free Radical Biology and Medicine</i> , 2006, 41, 549-556.	1.3	158
84	Lipid peroxidation in systemic lupus erythematosus. <i>Indian Journal of Experimental Biology</i> , 2006, 44, 349-56.	0.5	32
85	Barbering in mice: a model for trichotillomania. <i>BMJ: British Medical Journal</i> , 2005, 331, 1503-1505.	2.4	30
86	The 2GHz mind of a computer. <i>Medical Journal of Australia</i> , 2004, 180, 19-19.	0.8	1
87	Just a minute: incredible numbers at play at the macro and micro level. <i>Cmaj</i> , 2004, 171, 1497-1497.	0.9	2
88	Mechanized Syringe Homogenization of Human and Animal Tissues. <i>Assay and Drug Development Technologies</i> , 2004, 2, 308-312.	0.6	2
89	Determination of prolidase activity using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2004, 331, 224-229.	1.1	18
90	Experimental animal urine collection: a review. <i>Laboratory Animals</i> , 2004, 38, 333-361.	0.5	138

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91	Protein blotting: a review. <i>Journal of Immunological Methods</i> , 2003, 274, 1-15.	0.6	107
92	Free radical mediated peroxidative damage in systemic lupus erythematosus. <i>Life Sciences</i> , 2003, 73, 1655-1666.	2.0	92
93	Heat-mediated, ultra-rapid electrophoretic transfer of high and low molecular weight proteins to nitrocellulose membranes. <i>Journal of Immunological Methods</i> , 2002, 266, 127-133.	0.6	35
94	Extraction of Nucleic Acid Fragments from Gels. <i>Analytical Biochemistry</i> , 2002, 302, 1-9.	1.1	20
95	Immunization of mice with human 60-kd Ro peptides results in epitope spreading if the peptides are highly homologous between human and mouse. <i>Arthritis and Rheumatism</i> , 1999, 42, 1017-1024.	6.7	56
96	Human anti-Ro autoantibodies bind multiple conformational epitopes of 60-kD Ro autoantigen. <i>Journal of Clinical Immunology</i> , 1997, 17, 212-219.	2.0	18
97	Development of the anti-Ro autoantibody response in a patient with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1996, 39, 1664-1668.	6.7	24