

Allan R Brasier

List of Publications by Year in descending order

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268
papers

15,494
citations

14614

66
h-index

24179

110
g-index

275
all docs

275
docs citations

275
times ranked

19006
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical biosensing of markers of mucosal inflammation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102476.	1.7	7
2	Discovery, X-ray Crystallography, and Anti-inflammatory Activity of Bromodomain-containing Protein 4 (BRD4) BD1 Inhibitors Targeting a Distinct New Binding Site. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2388-2408.	2.9	24
3	Selective Inhibition of Bromodomain-Containing Protein 4 Reduces Myofibroblast Transdifferentiation and Pulmonary Fibrosis. <i>Frontiers in Molecular Medicine</i> , 2022, 2, .	0.6	6
4	Segmental Bronchial Allergen Challenge Elicits Distinct Metabolic Phenotypes in Allergic Asthma. <i>Metabolites</i> , 2022, 12, 381.	1.3	2
5	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions. <i>Journal of Innate Immunity</i> , 2022, 14, 593-614.	1.8	10
6	Airway fibrin formation cascade in allergic asthma exacerbation: implications for inflammation and remodeling. <i>Clinical Proteomics</i> , 2022, 19, 15.	1.1	3
7	RELA TM 8-Oxoguanine DNA Glycosylase1 Is an Epigenetic Regulatory Complex Coordinating the Hexosamine Biosynthetic Pathway in RSV Infection. <i>Cells</i> , 2022, 11, 2210.	1.8	2
8	Enhancing reproducibility using interprofessional team best practices. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e20.	0.3	16
9	Operationalization, implementation, and evaluation of Collaboration Planning: A pilot interventional study of nascent translational teams. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e23.	0.3	12
10	Ultrahigh-Resolution Mass Spectrometry-Based Platform for Plasma Metabolomics Applied to Type 2 Diabetes Research. <i>Journal of Proteome Research</i> , 2021, 20, 463-473.	1.8	15
11	Individual and team competencies in translational teams. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e72.	0.3	24
12	Systemic Metabolic Alterations Correlate with Islet-Level Prostaglandin E2 Production and Signaling Mechanisms That Predict Î²-Cell Dysfunction in a Mouse Model of Type 2 Diabetes. <i>Metabolites</i> , 2021, 11, 58.	1.3	16
13	Alternative mRNA Processing of Innate Response Pathways in Respiratory Syncytial Virus (RSV) Infection. <i>Viruses</i> , 2021, 13, 218.	1.5	11
14	The SWI/SNF-Related, Matrix Associated, Actin-Dependent Regulator of Chromatin A4 Core Complex Represses Respiratory Syncytial Virus-Induced Syncytia Formation and Subepithelial Myofibroblast Transition. <i>Frontiers in Immunology</i> , 2021, 12, 633654.	2.2	12
15	Discovery of RSV-Induced BRD4 Protein Interactions Using Native Immunoprecipitation and Parallel Accumulationâ€”Serial Fragmentation (PASEF) Mass Spectrometry. <i>Viruses</i> , 2021, 13, 454.	1.5	20
16	Evolution of proteomics technologies for understanding respiratory syncytial virus pathogenesis. <i>Expert Review of Proteomics</i> , 2021, 18, 379-394.	1.3	3
17	Crosstalk of the Î²B Kinase with Spliced X-Box Binding Protein 1 Couples Inflammation with Glucose Metabolic Reprogramming in Epithelialâ€”Mesenchymal Transition. <i>Journal of Proteome Research</i> , 2021, 20, 3475-3488.	1.8	10
18	Structural O-Glycoform Heterogeneity of the SARS-CoV-2 Spike Protein Receptor-Binding Domain Revealed by Top-Down Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2021, 143, 12014-12024.	6.6	48

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19	Paramyxovirus replication induces the hexosamine biosynthetic pathway and mesenchymal transition via the IRE1 α -XBP1s arm of the unfolded protein response. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L576-L594.	1.3	14
20	Bromodomain Containing Protein 4 (BRD4) Regulates Expression of its Interacting Coactivators in the Innate Response to Respiratory Syncytial Virus. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 728661.	1.6	12
21	Training needs of investigators and research team members to improve inclusivity in clinical and translational research participation. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e57.	0.3	4
22	Target-Based Small Molecule Drug Discovery Towards Novel Therapeutics for Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2021, 27, S38-S62.	0.9	14
23	Introduction to the themed issue on the design, development, evaluation, and dissemination of team science interventions in clinical and translational research. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e202.	0.3	1
24	Role of Secretoglobin+ (club cell) NF κ B/RelA-TGF β 2 signaling in aero-allergen-induced epithelial plasticity and subepithelial myofibroblast transdifferentiation. <i>Respiratory Research</i> , 2021, 22, 315.	1.4	4
25	The Hexosamine Biosynthetic Pathway Links Innate Inflammation With Epithelial-Mesenchymal Plasticity in Airway Remodeling. <i>Frontiers in Pharmacology</i> , 2021, 12, 808735.	1.6	8
26	Validation of the epigenetic reader bromodomain-containing protein 4 (BRD4) as a therapeutic target for treatment of airway remodeling. <i>Drug Discovery Today</i> , 2020, 25, 126-132.	3.2	39
27	Respiratory Syncytial Virus Infection Induces Chromatin Remodeling to Activate Growth Factor and Extracellular Matrix Secretion Pathways. <i>Viruses</i> , 2020, 12, 804.	1.5	21
28	Nanoapproaches to Modifying Epigenetics of Epithelial Mesenchymal Transition for Treatment of Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 607689.	1.6	28
29	Quantitative Proteomics of the Endothelial Secretome Identifies RC0497 as Diagnostic of Acute Rickettsial Spotted Fever Infections. <i>American Journal of Pathology</i> , 2020, 190, 306-322.	1.9	10
30	Discovery of Orally Bioavailable Chromone Derivatives as Potent and Selective BRD4 Inhibitors: Scaffold Hopping, Optimization, and Pharmacological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5242-5256.	2.9	53
31	RSV Reprograms the CDK9 α -BRD4 Chromatin Remodeling Complex to Couple Innate Inflammation to Airway Remodeling. <i>Viruses</i> , 2020, 12, 472.	1.5	17
32	Type II Epithelial-Mesenchymal Transition Upregulates Protein N-Glycosylation To Maintain Proteostasis and Extracellular Matrix Production. <i>Journal of Proteome Research</i> , 2019, 18, 3447-3460.	1.8	21
33	Pharmacoproteomics reveal novel protective activity of bromodomain containing 4 inhibitors on vascular homeostasis in TLR3-mediated airway remodeling. <i>Journal of Proteomics</i> , 2019, 205, 103415.	1.2	24
34	Mechanisms how mucosal innate immunity affects progression of allergic airway disease. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 349-356.	1.0	8
35	Uronic acid pathway metabolites regulate mesenchymal transition and invasiveness in lung adenocarcinoma. <i>Biotarget</i> , 2019, 3, 19-19.	0.5	3
36	Efficacy of Novel Highly Specific Bromodomain-Containing Protein 4 Inhibitors in Innate Inflammation-Driven Airway Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 68-83.	1.4	45

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37	Mucosal bromodomain-containing protein 4 mediates aeroallergen-induced inflammation and remodeling. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1380-1394.e9.	1.5	49
38	Towards Team-Centered Informatics: Accelerating Innovation in Multidisciplinary Scientific Teams Through Visual Analytics. <i>Journal of Applied Behavioral Science, The</i> , 2019, 55, 50-72.	2.0	7
39	Targeting inducible epigenetic reprogramming pathways in chronic airway remodeling. <i>Drugs in Context</i> , 2019, 8, 1-10.	1.0	11
40	Repetitive TLR3 activation in the lung induces skeletal muscle adaptations and cachexia. <i>Experimental Gerontology</i> , 2018, 106, 88-100.	1.2	17
41	Discovery of potent and selective BRD4 inhibitors capable of blocking TLR3-induced acute airway inflammation. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 450-461.	2.6	57
42	Cell fate in antiviral response arises in the crosstalk of IRF, NF- κ B and JAK/STAT pathways. <i>Nature Communications</i> , 2018, 9, 493.	5.8	81
43	Selective Antagonists of the Bronchiolar Epithelial NF- κ B-Bromodomain-Containing Protein 4 Pathway in Viral-Induced Airway Inflammation. <i>Cell Reports</i> , 2018, 23, 1138-1151.	2.9	38
44	Central Role of the NF- κ B Pathway in the <i>Scgb1a1</i> -Expressing Epithelium in Mediating Respiratory Syncytial Virus-Induced Airway Inflammation. <i>Journal of Virology</i> , 2018, 92, .	1.5	38
45	PEGylated Domain I of Beta-2-Glycoprotein I Inhibits the Binding, Coagulopathic, and Thrombogenic Properties of IgG From Patients With the Antiphospholipid Syndrome. <i>Frontiers in Immunology</i> , 2018, 9, 2413.	2.2	14
46	Therapeutic targets for inflammation-mediated airway remodeling in chronic lung disease. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 931-939.	1.0	32
47	Proinflammatory Effects of Respiratory Syncytial Virus-Induced Epithelial HMGB1 on Human Innate Immune Cell Activation. <i>Journal of Immunology</i> , 2018, 201, 2753-2766.	0.4	29
48	Imaging of Murine Whole Lung Fibrosis by Large Scale 3D Microscopy aided by Tissue Optical Clearing. <i>Scientific Reports</i> , 2018, 8, 13348.	1.6	34
49	The NF- κ B subunit RELA is a master transcriptional regulator of the committed epithelial-mesenchymal transition in airway epithelial cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 16528-16545.	1.6	44
50	Insights Into the Role of Regional Proteoglycan Metabolism in Thoracic Aortic Aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1425-1426.	1.1	2
51	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. <i>Redox Biology</i> , 2018, 18, 43-53.	3.9	47
52	Palmitoyl-carnitine production by blood cells associates with the concentration of circulating acyl-carnitines in healthy overweight women. <i>Clinical Nutrition</i> , 2017, 36, 1310-1319.	2.3	4
53	BRD4 Couples NF- κ B/RelA with Airway Inflammation and the IRF-RIG-I Amplification Loop in Respiratory Syncytial Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	1.5	73
54	Coordinate activities of BRD4 and CDK9 in the transcriptional elongation complex are required for TGF β 2-induced Nox4 expression and myofibroblast transdifferentiation. <i>Cell Death and Disease</i> , 2017, 8, e2606-e2606.	2.7	40

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55	Systematic Analysis of Cell-Type Differences in the Epithelial Secretome Reveals Insights into the Pathogenesis of Respiratory Syncytial Virus-Induced Lower Respiratory Tract Infections. <i>Journal of Immunology</i> , 2017, 198, 3345-3364.	0.4	51
56	Drug Discovery Targeting Bromodomain-Containing Protein 4. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4533-4558.	2.9	244
57	Loss of Smooth Muscle β -Actin Leads to NF- κ B-Dependent Increased Sensitivity to Angiotensin II in Smooth Muscle Cells and Aortic Enlargement. <i>Circulation Research</i> , 2017, 120, 1903-1915.	2.0	48
58	NF- κ B Mediates Mesenchymal Transition, Remodeling, and Pulmonary Fibrosis in Response to Chronic Inflammation by Viral RNA Patterns. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 506-520.	1.4	50
59	Innate mechanism of pollen- and cat dander-induced oxidative stress and DNA damage in the airways. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1436-1439.e5.	1.5	16
60	Targeting Chromatin Remodeling in Inflammation and Fibrosis. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 107, 1-36.	1.0	26
61	Effects of storage temperature on airway exosome integrity for diagnostic and functional analyses. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1359478.	5.5	199
62	Deletion of NF- κ B/RelA in Angiotensin II-Sensitive Mesenchymal Cells Blocks Aortic Vascular Inflammation and Abdominal Aortic Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1881-1890.	1.1	41
63	Proteome Analysis of Hypoxic Glioblastoma Cells Reveals Sequential Metabolic Adaptation of One-Carbon Metabolic Pathways. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1906-1921.	2.5	29
64	Quantitative Assessment of the Effects of Trypsin Digestion Methods on Affinity Purification-Mass Spectrometry-based Protein-Protein Interaction Analysis. <i>Journal of Proteome Research</i> , 2017, 16, 3068-3082.	1.8	39
65	Selective Affinity Enrichment of Nitrotyrosine-Containing Peptides for Quantitative Analysis in Complex Samples. <i>Journal of Proteome Research</i> , 2017, 16, 2983-2992.	1.8	22
66	Pollen-induced oxidative DNA damage response regulates miRNAs controlling allergic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1058-L1068.	1.3	15
67	Epigenetic silencing of IRF1 dysregulates type III interferon responses to respiratory virus infection in epithelial to mesenchymal transition. <i>Nature Microbiology</i> , 2017, 2, 17086.	5.9	46
68	Major Histocompatibility Complex Class II Alleles Influence Induction of Pathogenic Antiphospholipid Antibodies in a Mouse Model of Thrombosis. <i>Arthritis and Rheumatology</i> , 2017, 69, 2052-2061.	2.9	9
69	Reply: Protease Plays a Role in Ragweed Pollen-Induced Neutrophil Recruitment and Epithelial Barrier Disruption. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 272-273.	1.4	4
70	Cytokine amplification and macrophage effector functions in aortic inflammation and abdominal aortic aneurysm formation. <i>Journal of Thoracic Disease</i> , 2016, 8, E746-E754.	0.6	31
71	Qualification and Verification of Protein Biomarker Candidates. <i>Advances in Experimental Medicine and Biology</i> , 2016, 919, 493-514.	0.8	23
72	Introduction to Clinical Proteomics. <i>Advances in Experimental Medicine and Biology</i> , 2016, 919, 435-441.	0.8	9

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73	Respiratory Syncytial Virus Infection Triggers Epithelial HMGB1 Release as a Damage-Associated Molecular Pattern Promoting a Monocytic Inflammatory Response. <i>Journal of Virology</i> , 2016, 90, 9618-9631.	1.5	70
74	BRD4 mediates NF- κ B-dependent epithelial-mesenchymal transition and pulmonary fibrosis via transcriptional elongation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1183-L1201.	1.3	89
75	Integrative proteomic analysis reveals reprogramming tumor necrosis factor signaling in epithelial mesenchymal transition. <i>Journal of Proteomics</i> , 2016, 148, 126-138.	1.2	29
76	Measurement of Histone Methylation Dynamics by One-Carbon Metabolic Isotope Labeling and High-energy Collisional Dissociation Methylation Signature Ion Detection. <i>Scientific Reports</i> , 2016, 6, 31537.	1.6	8
77	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor κ B-driven Gene Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 25553-25566.	1.6	151
78	Generation and characterization of a novel transgenic mouse harboring conditional nuclear factor-kappa B/RelA knockout alleles. <i>BMC Developmental Biology</i> , 2016, 16, 32.	2.1	8
79	Dysregulation of RBFOX2 Is an Early Event in Cardiac Pathogenesis of Diabetes. <i>Cell Reports</i> , 2016, 15, 2200-2213.	2.9	60
80	Inside-Out Signaling Pathways from Nuclear Reactive Oxygen Species Control Pulmonary Innate Immunity. <i>Journal of Innate Immunity</i> , 2016, 8, 143-155.	1.8	36
81	Endothelial Cell Proteomic Response to Rickettsia conorii Infection Reveals Activation of the Janus Kinase (JAK)-Signal Transducer and Activator of Transcription (STAT)-Interferon Stimulated Gene (ISG)15 Pathway and Reprogramming Plasma Membrane Integrin/Cadherin Signaling. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 289-304.	2.5	16
82	Myeloid differentiation protein 2 facilitates pollen- and cat dander-induced innate and allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1506-1513.e2.	1.5	29
83	Facilitation of Allergic Sensitization and Allergic Airway Inflammation by Pollen-Induced Innate Neutrophil Recruitment. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 81-90.	1.4	44
84	S-Nitrosylation Proteome Profile of Peripheral Blood Mononuclear Cells in Human Heart Failure. <i>International Journal of Proteomics</i> , 2016, 2016, 1-19.	2.0	14
85	Changes in Proteome Profile of Peripheral Blood Mononuclear Cells in Chronic Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004490.	1.3	22
86	Evolution of Multidisciplinary Translational Teams (MTTs): Insights for Accelerating Translational Innovations. <i>Clinical and Translational Science</i> , 2015, 8, 542-552.	1.5	35
87	The Multidisciplinary Translational Team (MTT) Model for Training and Development of Translational Research Investigators. <i>Clinical and Translational Science</i> , 2015, 8, 533-541.	1.5	38
88	Improved Detection of Invasive Pulmonary Aspergillosis Arising during Leukemia Treatment Using a Panel of Host Response Proteins and Fungal Antigens. <i>PLoS ONE</i> , 2015, 10, e0143165.	1.1	20
89	Analysis of the TGF β -induced program in primary airway epithelial cells shows essential role of NF- κ B/RelA signaling network in type II epithelial mesenchymal transition. <i>BMC Genomics</i> , 2015, 16, 529.	1.2	83
90	Systematic Determination of Human Cyclin Dependent Kinase (CDK)-9 Interactome Identifies Novel Functions in RNA Splicing Mediated by the DEAD Box (DDX)-5/17 RNA Helicases*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2701-2721.	2.5	34

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91	Molecular classification of outcomes from dengue virus -3 infections. <i>Journal of Clinical Virology</i> , 2015, 64, 97-106.	1.6	14
92	Whole transcriptome analysis reveals an 8-oxoguanine DNA glycosylase-1-driven DNA repair-dependent gene expression linked to essential biological processes. <i>Free Radical Biology and Medicine</i> , 2015, 81, 107-118.	1.3	35
93	Unlocking proteomic heterogeneity in complex diseases through visual analytics. <i>Proteomics</i> , 2015, 15, 1405-1418.	1.3	12
94	Ataxia Telangiectasia Mutated Kinase Mediates NF- κ B Serine 276 Phosphorylation and Interferon Expression via the IRF7-RIG-I Amplification Loop in Paramyxovirus Infection. <i>Journal of Virology</i> , 2015, 89, 2628-2642.	1.5	33
95	Whole transcriptome analysis reveals a role for OGG1-initiated DNA repair signaling in airway remodeling. <i>Free Radical Biology and Medicine</i> , 2015, 89, 20-33.	1.3	32
96	Mixed-effects model of epithelial-mesenchymal transition reveals rewiring of signaling networks. <i>Cellular Signalling</i> , 2015, 27, 1413-1425.	1.7	25
97	Inferring Genome-Wide Functional Modulatory Network: A Case Study on NF- κ B/RelA Transcription Factor. <i>Journal of Computational Biology</i> , 2015, 22, 300-312.	0.8	19
98	Respiratory syncytial virus infection down-regulates antioxidant enzyme expression by triggering deacetylation-proteasomal degradation of Nrf2. <i>Free Radical Biology and Medicine</i> , 2015, 88, 391-403.	1.3	69
99	RIG-I Enhanced Interferon Independent Apoptosis upon Junin Virus Infection. <i>PLoS ONE</i> , 2014, 9, e99610.	1.1	24
100	Diagnostics for Statistical Variable Selection Methods for Prediction of Peptic Ulcer Disease in <i>Helicobacter pylori</i> Infection. <i>Journal of Proteomics and Bioinformatics</i> , 2014, 07, 1000307.	0.4	4
101	ATM regulates NF- κ B-dependent immediate-early genes via RelA Ser 276 phosphorylation coupled to CDK9 promoter recruitment. <i>Nucleic Acids Research</i> , 2014, 42, 8416-8432.	6.5	62
102	Assessing and Evaluating Multidisciplinary Translational Teams. <i>Evaluation and the Health Professions</i> , 2014, 37, 33-49.	0.9	34
103	Measurement of the Innate Immune Response in the Airway. <i>Advances in Experimental Medicine and Biology</i> , 2014, 795, 233-254.	0.8	3
104	IL-6 Regulates Extracellular Matrix Remodeling Associated With Aortic Dilation in a Fibrillin-1 Hypomorphic mgR/mgR Mouse Model of Severe Marfan Syndrome. <i>Journal of the American Heart Association</i> , 2014, 3, e000476.	1.6	77
105	Modulation of Gene Expression Regulated by the Transcription Factor NF- κ B/RelA. <i>Journal of Biological Chemistry</i> , 2014, 289, 11927-11944.	1.6	28
106	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and α -smooth muscle actin polymerization. <i>Free Radical Biology and Medicine</i> , 2014, 73, 430-438.	1.3	58
107	8-Oxoguanine DNA Glycosylase-1 Augments Proinflammatory Gene Expression by Facilitating the Recruitment of Site-Specific Transcription Factors. <i>Journal of Immunology</i> , 2014, 192, 2384-2394.	0.4	105
108	Multiplexed Parallel Reaction Monitoring Targeting Histone Modifications on the QExactive Mass Spectrometer. <i>Analytical Chemistry</i> , 2014, 86, 5526-5534.	3.2	59

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109	Innate Inflammation Induced by the 8-Oxoguanine DNA Glycosylase-1 α “KRAS”NF- κ B Pathway. <i>Journal of Immunology</i> , 2014, 193, 4643-4653.	0.4	85
110	Systems biology approaches to understanding Epithelial Mesenchymal Transition (EMT) in mucosal remodeling and signaling in asthma. <i>World Allergy Organization Journal</i> , 2014, 7, 13.	1.6	94
111	TLR4 Activation Enhances the PD-L1 α “Mediated Tolerogenic Capacity of Colonic CD90+ Stromal Cells. <i>Journal of Immunology</i> , 2014, 193, 2218-2229.	0.4	71
112	Inducible STAT3 NH2 terminal mono-ubiquitination promotes BRD4 complex formation to regulate apoptosis. <i>Cellular Signalling</i> , 2014, 26, 1445-1455.	1.7	46
113	Analysis and Predictive Modeling of Asthma Phenotypes. <i>Advances in Experimental Medicine and Biology</i> , 2014, 795, 273-288.	0.8	5
114	Conclusions and Future Directions. <i>Advances in Experimental Medicine and Biology</i> , 2014, 795, 335-343.	0.8	1
115	Dynamic Cross Talk Model of the Epithelial Innate Immune Response to Double-Stranded RNA Stimulation: Coordinated Dynamics Emerging from Cell-Level Noise. <i>PLoS ONE</i> , 2014, 9, e93396.	1.1	33
116	Use of Theoretical Peptide Distributions in Phosphoproteome Analysis. <i>Journal of Proteome Research</i> , 2013, 12, 3207-3214.	1.8	1
117	Interleukin-6 α “Signal Transducer and Activator of Transcription-3 Signaling Mediates Aortic Dissections Induced by Angiotensin II via the T-Helper Lymphocyte 17 α “Interleukin 17 Axis in C57BL/6 Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1612-1621.	1.1	99
118	Variable selection methods for developing a biomarker panel for prediction of dengue hemorrhagic fever. <i>BMC Research Notes</i> , 2013, 6, 365.	0.6	16
119	Innate Immune Response to Arenaviral Infection: A Focus on the Highly Pathogenic New World Hemorrhagic Arenaviruses. <i>Journal of Molecular Biology</i> , 2013, 425, 4893-4903.	2.0	25
120	The CTSA as an Exemplar Framework for Developing Multidisciplinary Translational Teams. <i>Clinical and Translational Science</i> , 2013, 6, 60-71.	1.5	41
121	A structured approach to predictive modeling of a two-class problem using multidimensional data sets. <i>Methods</i> , 2013, 61, 73-85.	1.9	25
122	Applications of selected reaction monitoring (SRM)-mass spectrometry (MS) for quantitative measurement of signaling pathways. <i>Methods</i> , 2013, 61, 313-322.	1.9	47
123	The IL-6 Trans-Signaling-STAT3 Pathway Mediates ECM and Cellular Proliferation in Fibroblasts from Hypertrophic Scar. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1212-1220.	0.3	86
124	Identification of Innate Immune Response Endotypes in Asthma: Implications for Personalized Medicine. <i>Current Allergy and Asthma Reports</i> , 2013, 13, 462-468.	2.4	12
125	A probabilistic approach to learn chromatin architecture and accurate inference of the NF- κ B/RelA regulatory network using ChIP-Seq. <i>Nucleic Acids Research</i> , 2013, 41, 7240-7259.	6.5	41
126	Short-term bed rest increases TLR4 and IL-6 expression in skeletal muscle of older adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R216-R223.	0.9	84

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127	Systems Approaches to Modeling Chronic Mucosal Inflammation. <i>BioMed Research International</i> , 2013, 2013, 1-17.	0.9	34
128	Aortic Remodeling After Transverse Aortic Constriction in Mice Is Attenuated With AT ₁ Receptor Blockade. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2172-2179.	1.1	67
129	CDK9-Dependent Transcriptional Elongation in the Innate Interferon-Stimulated Gene Response to Respiratory Syncytial Virus Infection in Airway Epithelial Cells. <i>Journal of Virology</i> , 2013, 87, 7075-7092.	1.5	72
130	Quantitation of the Dynamic Profiles of the Innate Immune Response Using Multiplex Selected Reaction Monitoring—Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1513-1529.	2.5	28
131	Inducible Tumor Necrosis Factor (TNF) Receptor-associated Factor-1 Expression Couples the Canonical to the Non-canonical NF- κ B Pathway in TNF Stimulation. <i>Journal of Biological Chemistry</i> , 2013, 288, 14612-14623.	1.6	38
132	The Culture of Translational Science Research. <i>International Review of Qualitative Research</i> , 2013, 6, 127-142.	0.2	16
133	Jun α N Virus Pathogenesis and Virus Replication. <i>Viruses</i> , 2012, 4, 2317-2339.	1.5	72
134	Jun α N Virus Infection Activates the Type I Interferon Pathway in a RIG-I-Dependent Manner. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1659.	1.3	57
135	A Three-Component Biomarker Panel for Prediction of Dengue Hemorrhagic Fever. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 86, 341-348.	0.6	74
136	Improved Mass Defect Model for Theoretical Tryptic Peptides. <i>Analytical Chemistry</i> , 2012, 84, 3026-3032.	3.2	11
137	Strategies for Molecular Classification of Asthma Using Bipartite Network Analysis of Cytokine Expression. <i>Current Allergy and Asthma Reports</i> , 2012, 12, 388-395.	2.4	17
138	The dependence of expression of NF- κ B-dependent genes: statistics and evolutionary conservation of control sequences in the promoter and in the 3' UTR. <i>BMC Genomics</i> , 2012, 13, 182.	1.2	16
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