Allan R Brasier

List of Publications by Year
in descending order

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268	15,494	14614	24179
papers	citations	66 h-index	110 g-index

275	275	275	19006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vascular Inflammation and the Renin-Angiotensin System. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1257-1266.	1.1	543
2	The NF-ÎºB Regulatory Network. Cardiovascular Toxicology, 2006, 6, 111-130.	1.1	463
3	The nuclear factor-ÂB-interleukin-6 signalling pathway mediating vascular inflammation. Cardiovascular Research, 2010, 86, 211-218.	1.8	427
4	An adventitial IL-6/MCP1 amplification loop accelerates macrophage-mediated vascular inflammation leading to aortic dissection in mice. Journal of Clinical Investigation, 2009, 119, 3637-3651.	3.9	368
5	Angiotensin II Induces Interleukin-6 Transcription in Vascular Smooth Muscle Cells Through Pleiotropic Activation of Nuclear Factor-ÎºB Transcription Factors. Circulation Research, 1999, 84, 695-703.	2.0	344
6	Retinoic Acid-Inducible Gene I Mediates Early Antiviral Response and Toll-Like Receptor 3 Expression in Respiratory Syncytial Virus-Infected Airway Epithelial Cells. Journal of Virology, 2007, 81, 1401-1411.	1.5	280
7	Mathematical model of NF-ÎºB regulatory module. Journal of Theoretical Biology, 2004, 228, 195-215.	0.8	264
8	Drug Discovery Targeting Bromodomain-Containing Protein 4. Journal of Medicinal Chemistry, 2017, 60, 4533-4558.	2.9	244
9	MYH11 mutations result in a distinct vascular pathology driven by insulin-like growth factor 1 and angiotensin II. Human Molecular Genetics, 2007, 16, 2453-2462.	1.4	243
10	Two-step cross-linking method for identification of NF-ÎºB gene network by chromatin immunoprecipitation. BioTechniques, 2005, 39, 715-725.	0.8	242
11	Tumor Necrosis Factor-Î±-inducible IÎºBÎ± Proteolysis Mediated by Cytosolic m-Calpain. Journal of Biological Chemistry, 1999, 274, 787-794.	1.6	227
12	Respiratory Syncytial Virusâ€“Induced Activation of Nuclear Factorâ€“ÎºB in the Lung Involves Alveolar Macrophages and Tollâ€Like Receptor 4â€“Dependent Pathways. Journal of Infectious Diseases, 2002, 186, 1199-1206.	1.9	225
13	Nuclear Factor-ÎºBâ€“Dependent Induction of Interleukin-8 Gene Expression by Tumor Necrosis Factor îœ€: Evidence for an Antioxidant Sensitive Activating Pathway Distinct From Nuclear Translocation. Blood, 1999, 94, 1878-1889.	0.6	216
14	Expression of Respiratory Syncytial Virus-Induced Chemokine Gene Networks in Lower Airway Epithelial Cells Revealed by cDNA Microarrays. Journal of Virology, 2001, 75, 9044-9058.	1.5	210
15	Identification of Direct Genomic Targets Downstream of the Nuclear Factor-ÎºB Transcription Factor Mediating Tumor Necrosis Factor Signaling. Journal of Biological Chemistry, 2005, 280, 17435-17448.	1.6	207
16	Identification of a Nuclear Factor Kappa B-dependent Gene Network. Endocrine Reviews, 2003, 58, 95-130.	7.1	200
17	Effects of storage temperature on airway exosome integrity for diagnostic and functional analyses. Journal of Extracellular Vesicles, 2017, 6, 1359478.	5.5	199
18	Mechanisms for Inducible Control of Angiotensinogen Gene Transcription. Hypertension, 1996, 27, 465-475.	1.3	186

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19	TNF-Î±-induced NF-ÎºB/RelA Ser276 phosphorylation and enhanceosome formation is mediated by an ROS-dependent PKAc pathway. Cellular Signalling, 2007, 19, 1419-1433.	1.7	171
20	RelA Ser²⁷⁶ Phosphorylation Is Required for Activation of a Subset of NF-ÎºB-Dependent Genes by Recruiting Cyclin-Dependent Kinase 9/Cyclin T1 Complexes. Molecular and Cellular Biology, 2008, 28, 3623-3638.	1.1	161
21	A TNF-induced gene expression program under oscillatory NF-ÎºB control. BMC Genomics, 2005, 6, 137.	1.2	159
22	Title is missing!. Molecular and Cellular Biochemistry, 2000, 212, 155-169.	1.4	155
23	A Promoter Recruitment Mechanism for Tumor Necrosis Factor-Î±-induced Interleukin-8 Transcription in Type II Pulmonary Epithelial Cells. Journal of Biological Chemistry, 1998, 273, 3551-3561.	1.6	153
24	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor ÎºB-driven Gene Expression. Journal of Biological Chemistry, 2016, 291, 25553-25566.	1.6	151
25	Reactive Oxygen Species Mediate Virus-induced STAT Activation. Journal of Biological Chemistry, 2004, 279, 2461-2469.	1.6	136
26	Identification of NF-ÎºB-Dependent Gene Networks in Respiratory Syncytial Virus-Infected Cells. Journal of Virology, 2002, 76, 6800-6814.	1.5	135
27	Roles of IL-6-gp130 Signaling in Vascular Inflammation. Current Cardiology Reviews, 2008, 4, 179-192.	0.6	129
28	Regulation of human airway epithelial cell IL-8 expression by MAP kinases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L690-L699.	1.3	127
29	Role of interferon-stimulated responsive element-like element in interleukin-8 promoter in Helicobacter pylori infectionâ˜†. Gastroenterology, 2004, 126, 1030-1043.	0.6	126
30	Transcriptional stochasticity in gene expression. Journal of Theoretical Biology, 2006, 238, 348-367.	0.8	120
31	STAT3 NH2-Terminal Acetylation Is Activated by the Hepatic Acute-Phase Response and Required for IL-6 Induction of Angiotensinogen. Gastroenterology, 2005, 129, 1616-1632.	0.6	118
32	Molecular phenotyping of severe asthma using pattern recognition of bronchoalveolar lavageâ€“derived cytokines. Journal of Allergy and Clinical Immunology, 2008, 121, 30-37.e6.	1.5	114
33	Oxidant Tone Regulates RANTES Gene Expression in Airway Epithelial Cells Infected with Respiratory Syncytial Virus. Journal of Biological Chemistry, 2001, 276, 19715-19722.	1.6	113
34	Ribavirin Treatment Up-Regulates Antiviral Gene Expression via the Interferon-Stimulated Response Element in Respiratory Syncytial Virus-Infected Epithelial Cells. Journal of Virology, 2003, 77, 5933-5947.	1.5	108
35	8-Oxoguanine DNA Glycosylase-1 Augments Proinflammatory Gene Expression by Facilitating the Recruitment of Site-Specific Transcription Factors. Journal of Immunology, 2014, 192, 2384-2394.	0.4	105
36	Angiotensin II induces IL-6 expression and the Jak-STAT3 pathway in aortic adventitia of LDL receptor-deficient mice. Atherosclerosis, 2007, 194, 125-133.	0.4	103

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37	Two-Step Cross-linking for Analysis of Proteinâ€“Chromatin Interactions. Methods in Molecular Biology, 2012, 809, 105-120.	0.4	103
38	Interleukin-6â€“Signal Transducer and Activator of Transcription-3 Signaling Mediates Aortic Dissections Induced by Angiotensin II via the T-Helper Lymphocyte 17â€“Interleukin 17 Axis in C57BL/6 Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1612-1621.	1.1	99
39	Multiple cis Regulatory Elements Control RANTES Promoter Activity in Alveolar Epithelial Cells Infected with Respiratory Syncytial Virus. Journal of Virology, 2001, 75, 6428-6439.	1.5	98
40	Regulation of Airway Epithelial Cell NF-ÎºB-Dependent Gene Expression by Protein Kinase CÎ´. Journal of Immunology, 2003, 170, 5681-5689.	0.4	96
41	Requirement of a Novel Upstream Response Element in Respiratory Syncytial Virus-Induced IL-8 Gene Expression. Journal of Immunology, 2000, 164, 5944-5951.	0.4	95
42	Systems biology approaches to understanding Epithelial Mesenchymal Transition (EMT) in mucosal remodeling and signaling in asthma. World Allergy Organization Journal, 2014, 7, 13.	1.6	94
43	Respiratory Syncytial Virus Infection Induces a Reactive Oxygen Species-MSK1-Phospho-Ser-276 RelA Pathway Required for Cytokine Expression. Journal of Virology, 2009, 83, 10605-10615.	1.5	93
44	Mechanism for Biphasic Rel AÂ· NF-ÎºB1 Nuclear Translocation in Tumor Necrosis Factor Î±-stimulated Hepatocytes. Journal of Biological Chemistry, 1997, 272, 9825-9832.	1.6	92
45	Novel Combinatorial Selection of Phosphorothioate Oligonucleotide Aptamers. Biochemistry, 1998, 37, 16489-16493.	1.2	91
46	BRD4 mediates NF-ÎºB-dependent epithelial-mesenchymal transition and pulmonary fibrosis via transcriptional elongation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1183-L1201.	1.3	89
47	NF-ÎºB-inducible BCL-3 Expression Is an Autoregulatory Loop Controlling Nuclear p50/NF-ÎºB1 Residence. Journal of Biological Chemistry, 2001, 276, 32080-32093.	1.6	87
48	Stochastic Regulation in Early Immune Response. Biophysical Journal, 2006, 90, 725-742.	0.2	86
49	The IL-6 Trans-Signaling-STAT3 Pathway Mediates ECM and Cellular Proliferation in Fibroblasts from Hypertrophic Scar. Journal of Investigative Dermatology, 2013, 133, 1212-1220.	0.3	86
50	Innate Inflammation Induced by the 8-Oxoguanine DNA Glycosylase-1â€“KRASâ€“NF-ÎºB Pathway. Journal of Immunology, 2014, 193, 4643-4653.	0.4	85
51	Short-term bed rest increases TLR4 and IL-6 expression in skeletal muscle of older adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R216-R223.	0.9	84
52	Nuclear Heat Shock Response and Novel Nuclear Domain 10 Reorganization in Respiratory Syncytial Virus-Infected A549 Cells Identified by High-Resolution Two-Dimensional Gel Electrophoresis. Journal of Virology, 2004, 78, 11461-11476.	1.5	83
53	RelA Ser276 Phosphorylation-Coupled Lys310 Acetylation Controls Transcriptional Elongation of Inflammatory Cytokines in Respiratory Syncytial Virus Infection. Journal of Virology, 2011, 85, 11752-11769.	1.5	83
54	Analysis of the TGFÎ²-induced program in primary airway epithelial cells shows essential role of NF-ÎºB/RelA signaling network in type II epithelial mesenchymal transition. BMC Genomics, 2015, 16, 529.	1.2	83

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55	Cell fate in antiviral response arises in the crosstalk of IRF, NF-Î²B and JAK/STAT pathways. Nature Communications, 2018, 9, 493.	5.8	81
56	Aortic Adventitial Fibroblasts Participate in Angiotensin-Induced Vascular Wall Inflammation and Remodeling. Journal of Vascular Research, 2011, 48, 261-272.	0.6	80
57	The Major Component of IÎºBÎ± Proteolysis Occurs Independently of the Proteasome Pathway in Respiratory Syncytial Virus-Infected Pulmonary Epithelial Cells. Journal of Virology, 1998, 72, 4849-4857.	1.5	78
58	ILâ€6 Regulates Extracellular Matrix Remodeling Associated With Aortic Dilation in a Fibrillinâ€1 Hypomorphic mgR/mgR Mouse Model of Severe Marfan Syndrome. Journal of the American Heart Association, 2014, 3, e000476.	1.6	77
59	Tumor Necrosis Factor Activates Angiotensinogen Gene Expression by the Rel A Transactivator. Hypertension, 1996, 27, 1009-1017.	1.3	77
60	Requirement of histone deacetylase1 (HDAC1) in signal transducer and activator of transcription 3 (STAT3) nucleocytoplasmic distribution. Nucleic Acids Research, 2008, 36, 4510-4520.	6.5	74
61	A Three-Component Biomarker Panel for Prediction of Dengue Hemorrhagic Fever. American Journal of Tropical Medicine and Hygiene, 2012, 86, 341-348.	0.6	74
62	The STAT3 NH2-terminal Domain Stabilizes Enhanceosome Assembly by Interacting with the p300 Bromodomain. Journal of Biological Chemistry, 2008, 283, 30725-30734.	1.6	73
63	BRD4 Couples NF-Î²B/RelA with Airway Inflammation and the IRF-RIG-I Amplification Loop in Respiratory Syncytial Virus Infection. Journal of Virology, 2017, 91, .	1.5	73
64	JunÃn Virus Pathogenesis and Virus Replication. Viruses, 2012, 4, 2317-2339.	1.5	72
65	CDK9-Dependent Transcriptional Elongation in the Innate Interferon-Stimulated Gene Response to Respiratory Syncytial Virus Infection in Airway Epithelial Cells. Journal of Virology, 2013, 87, 7075-7092.	1.5	72
66	The Functional Role of an Interleukin 6-inducible CDK9Â·STAT3 Complex in Human Î³-Fibrinogen Gene Expression. Journal of Biological Chemistry, 2007, 282, 37091-37102.	1.6	71
67	Regulation of CXCL-8 (Interleukin-8) Induction by Double-Stranded RNA Signaling Pathways during Hepatitis C Virus Infection. Journal of Virology, 2007, 81, 309-318.	1.5	71
68	TLR4 Activation Enhances the PD-L1â€“Mediated Tolerogenic Capacity of Colonic CD90+ Stromal Cells. Journal of Immunology, 2014, 193, 2218-2229.	0.4	71
69	Respiratory Syncytial Virus Influences NF-Î²B-Dependent Gene Expression through a Novel Pathway Involving MAP3K14/NIK Expression and Nuclear Complex Formation with NF-Î²B2. Journal of Virology, 2005, 79, 8948-8959.	1.5	70
70	Respiratory Syncytial Virus Infection Triggers Epithelial HMGB1 Release as a Damage-Associated Molecular Pattern Promoting a Monocytic Inflammatory Response. Journal of Virology, 2016, 90, 9618-9631.	1.5	70
71	Interleukin-1-induced Nuclear Factor-Î²B-IÎºBÎ± Autoregulatory Feedback Loop in Hepatocytes. Journal of Biological Chemistry, 1999, 274, 939-947.	1.6	69
72	Respiratory syncytial virus infection down-regulates antioxidant enzyme expression by triggering deacetylation-proteasomal degradation of Nrf2. Free Radical Biology and Medicine, 2015, 88, 391-403.	1.3	69

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73	RhoA Mediates Angiotensin IIâ€“Induced Phospho-Ser536 Nuclear Factor ÎºB/RelA Subunit Exchange on the Interleukin-6 Promoter in VSMCs. Circulation Research, 2006, 99, 723-730.	2.0	68
74	Aortic Remodeling After Transverse Aortic Constriction in Mice Is Attenuated With AT ₁ Receptor Blockade. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2172-2179.	1.1	67
75	Angiotensin II Induces Nuclear Factor (NF)-ÎºB1 Isoforms to Bind the Angiotensinogen Gene Acute-Phase Response Element: A Stimulus-Specific Pathway for NF-ÎºB Activation. Molecular Endocrinology, 2000, 14, 99-113.	3.7	66
76	NF-ÎºB/RelA transactivation is required for atypical protein kinase CÎ¹-mediated cell survival. Oncogene, 2001, 20, 4777-4792.	2.6	64
77	MAPK activation is involved in posttranscriptional regulation of RSV-induced RANTES gene expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L364-L372.	1.3	63
78	Diabetes-Induced Activation of Canonical and Noncanonical Nuclear Factor-ÂB Pathways in Renal Cortex. Diabetes, 2006, 55, 1252-1259.	0.3	63
79	IFN-Î² mediates coordinate expression of antigen-processing genes in RSV-infected pulmonary epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L248-L257.	1.3	62
80	Predicting Intermediate Phenotypes in Asthma Using Bronchoalveolar Lavageâ€Derived Cytokines. Clinical and Translational Science, 2010, 3, 147-157.	1.5	62
81	ATM regulates NF-ÎºB-dependent immediate-early genes via RelA Ser 276 phosphorylation coupled to CDK9 promoter recruitment. Nucleic Acids Research, 2014, 42, 8416-8432.	6.5	62
82	Multiple Cis-Acting DNA Regulatory Elements Mediate Hepatic Angiotensinogen Gene Expression. Molecular Endocrinology, 1989, 3, 1022-1034.	3.7	61
83	ÎºB Kinase Is a Critical Regulator of Chemokine Expression and Lung Inflammation in Respiratory Syncytial Virus Infection. Journal of Virology, 2004, 78, 2232-2241.	1.5	60
84	Single TNFÎ± trimers mediating NF-Îº B activation: stochastic robustness of NF-Îº B signaling. BMC Bioinformatics, 2007, 8, 376.	1.2	60
85	Dysregulation of RBFOX2 Is an Early Event in Cardiac Pathogenesis of Diabetes. Cell Reports, 2016, 15, 2200-2213.	2.9	60
86	Regulation of RANTES promoter activation in alveolar epithelial cells after cytokine stimulation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L1280-L1290.	1.3	59
87	Multiplexed Parallel Reaction Monitoring Targeting Histone Modifications on the QExactive Mass Spectrometer. Analytical Chemistry, 2014, 86, 5526-5534.	3.2	59
88	Angiotensinogen Gene Expression Is Dependent on Signal Transducer and Activator of Transcription 3-Mediated p300/cAMP Response Element Binding Protein-Binding Protein Coactivator Recruitment and Histone Acetyltransferase Activity. Molecular Endocrinology, 2002, 16, 824-836.	3.7	58
89	Respiratory Syncytial Virus Induces RelA Release from Cytoplasmic 100-kDa NF-ÎºB2 Complexes via a Novel Retinoic Acid-inducible Gene-IÂ·NF-ÎºB-inducing Kinase Signaling Pathway. Journal of Biological Chemistry, 2008, 283, 23169-23178.	1.6	58
90	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and Î±-smooth muscle actin polymerization. Free Radical Biology and Medicine, 2014, 73, 430-438.	1.3	58

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91	Viral Induction of the Zinc Finger Antiviral Protein Is IRF3-dependent but NF-ÎºB-independent. Journal of Biological Chemistry, 2010, 285, 6080-6090.	1.6	57
92	JunÃn Virus Infection Activates the Type I Interferon Pathway in a RIG-I-Dependent Manner. PLoS Neglected Tropical Diseases, 2012, 6, e1659.	1.3	57
93	Discovery of potent and selective BRD4 inhibitors capable of blocking TLR3-induced acute airway inflammation. European Journal of Medicinal Chemistry, 2018, 151, 450-461.	2.6	57
94	Identification of an NF-ÎºB-Dependent Gene Network in Cells Infected by Mammalian Reovirus. Journal of Virology, 2006, 80, 1077-1086.	1.5	54
95	Respiratory Syncytial Virus-Inducible BCL-3 Expression Antagonizes the STAT/IRF and NF-ÎºB Signaling Pathways by Inducing Histone Deacetylase 1 Recruitment to the Interleukin-8 Promoter. Journal of Virology, 2005, 79, 15302-15313.	1.5	53
96	Diabetes-induced changes in the renal cortical proteome assessed with two-dimensional gel electrophoresis and mass spectrometry. Proteomics, 2007, 7, 1729-1742.	1.3	53
97	Discovery of Orally Bioavailable Chromone Derivatives as Potent and Selective BRD4 Inhibitors: Scaffold Hopping, Optimization, and Pharmacological Evaluation. Journal of Medicinal Chemistry, 2020, 63, 5242-5256.	2.9	53
98	Interleukin-8 Gene Regulation in Intestinal Epithelial Cells Infected with Rotavirus: Role of Viral-Induced IÎºB Kinase Activation. Virology, 2002, 298, 8-19.	1.1	52
99	Systematic Analysis of Cell-Type Differences in the Epithelial Secretome Reveals Insights into the Pathogenesis of Respiratory Syncytial Virusâ€“Induced Lower Respiratory Tract Infections. Journal of Immunology, 2017, 198, 3345-3364.	0.4	51
100	Hyperspectral Confocal Fluorescence Imaging: Exploring Alternative Multivariate Curve Resolution Approaches. Applied Spectroscopy, 2009, 63, 271-279.	1.2	50
101	NF-ÎºB Mediates Mesenchymal Transition, Remodeling, and Pulmonary Fibrosis in Response to Chronic Inflammation by Viral RNA Patterns. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 506-520.	1.4	50
102	Mucosal bromodomain-containing protein 4 mediates aeroallergen-induced inflammation and remodeling. Journal of Allergy and Clinical Immunology, 2019, 143, 1380-1394.e9.	1.5	49
103	Loss of Smooth Muscle Î±-Actin Leads to NF-ÎºBâ€“Dependent Increased Sensitivity to Angiotensin II in Smooth Muscle Cells and Aortic Enlargement. Circulation Research, 2017, 120, 1903-1915.	2.0	48
104	Structural O-Glycoform Heterogeneity of the SARS-CoV-2 Spike Protein Receptor-Binding Domain Revealed by Top-Down Mass Spectrometry. Journal of the American Chemical Society, 2021, 143, 12014-12024.	6.6	48
105	Role of Signal Transducers and Activators of Transcription 1 and -3 in Inducible Regulation of the Human Angiotensinogen Gene by Interleukin-6. Molecular Endocrinology, 2001, 15, 441-457.	3.7	47
106	Genomic Mechanisms of p210BCR-ABL Signaling. Journal of Biological Chemistry, 2004, 279, 35604-35615.	1.6	47
107	Applications of selected reaction monitoring (SRM)-mass spectrometry (MS) for quantitative measurement of signaling pathways. Methods, 2013, 61, 313-322.	1.9	47
108	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. Redox Biology, 2018, 18, 43-53.	3.9	47

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109	Liver gene expression associated with diet and lesion development in atherosclerosis-prone mice: induction of components of alternative complement pathway. Physiological Genomics, 2004, 19, 131-142.	1.0	46
110	Ikkepsilon regulates viral-induced interferon regulatory factor-3 activation via a redox-sensitive pathway. Virology, 2006, 353, 155-165.	1.1	46
111	Model-based analysis of interferon-Î² induced signaling pathway. Bioinformatics, 2008, 24, 2363-2369.	1.8	46
112	Inducible STAT3 NH2 terminal mono-ubiquitination promotes BRD4 complex formation to regulate apoptosis. Cellular Signalling, 2014, 26, 1445-1455.	1.7	46
113	Epigenetic silencing of IRF1 dysregulates type III interferon responses to respiratory virus infection in epithelial to mesenchymal transition. Nature Microbiology, 2017, 2, 17086.	5.9	46
114	Efficacy of Novel Highly Specific Bromodomain-Containing Protein 4 Inhibitors in Innate Inflammationâ€“Driven Airway Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 68-83.	1.4	45
115	Sources of Cell-to-cell Variability in Canonical Nuclear Factor-ÎºB (NF-ÎºB) Signaling Pathway Inferred from Single Cell Dynamic Images. Journal of Biological Chemistry, 2011, 286, 37741-37757.	1.6	44
116	Facilitation of Allergic Sensitization and Allergic Airway Inflammation by Pollen-Induced Innate Neutrophil Recruitment. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 81-90.	1.4	44
117	The NFÎºB subunit RELA is a master transcriptional regulator of the committed epithelial-mesenchymal transition in airway epithelial cells. Journal of Biological Chemistry, 2018, 293, 16528-16545.	1.6	44
118	Bcr-Abl Regulates Protein Kinase CÎ¹ (PKCÎ¹) Transcription via an Elk1 Site in the PKCÎ¹ Promoter. Journal of Biological Chemistry, 2004, 279, 9400-9408.	1.6	43
119	Role of Peroxiredoxin 1 and Peroxiredoxin 4 in Protection of Respiratory Syncytial Virus-Induced Cysteinyl Oxidation of Nuclear Cytoskeletal Proteins. Journal of Virology, 2010, 84, 9533-9545.	1.5	43
120	Quantification of Activated NF-ÎºB/RelA Complexes Using ssDNA Aptamer Affinity â€“ Stable Isotope Dilutionâ€”Selected Reaction Monitoringâ€”Mass Spectrometry. Molecular and Cellular Proteomics, 2011, 10, M111.008771.	2.5	41
121	The CTSA as an Exemplar Framework for Developing Multidisciplinary Translational Teams. Clinical and Translational Science, 2013, 6, 60-71.	1.5	41
122	A probabilistic approach to learn chromatin architecture and accurate inference of the NF-ÎºB/RelA regulatory network using ChIP-Seq. Nucleic Acids Research, 2013, 41, 7240-7259.	6.5	41
123	Deletion of NF-ÎºB/RelA in Angiotensin II-Sensitive Mesenchymal Cells Blocks Aortic Vascular Inflammation and Abdominal Aortic Aneurysm Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1881-1890.	1.1	41
124	Coordinate activities of BRD4 and CDK9 in the transcriptional elongation complex are required for TGFÎ²-induced Nox4 expression and myofibroblast transdifferentiation. Cell Death and Disease, 2017, 8, e2606-e2606.	2.7	40
125	[34] Luciferase reporter gene assay in mammalian cells. Methods in Enzymology, 1992, 216, 386-397.	0.4	39
126	Quantitative Assessment of the Effects of Trypsin Digestion Methods on Affinity Purificationâ€“Mass Spectrometry-based Proteinâ€“Protein Interaction Analysis. Journal of Proteome Research, 2017, 16, 3068-3082.	1.8	39

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127	Validation of the epigenetic reader bromodomain-containing protein 4 (BRD4) as a therapeutic target for treatment of airway remodeling. Drug Discovery Today, 2020, 25, 126-132.	3.2	39
128	Inducible Tumor Necrosis Factor (TNF) Receptor-associated Factor-1 Expression Couples the Canonical to the Non-canonical NF-ÎºB Pathway in TNF Stimulation. Journal of Biological Chemistry, 2013, 288, 14612-14623.	1.6	38
129	The Multidisciplinary Translational Team (MTT) Model for Training and Development of Translational Research Investigators. Clinical and Translational Science, 2015, 8, 533-541.	1.5	38
130	Selective Antagonists of the Bronchiolar Epithelial NF-ÎºB-Bromodomain-Containing Protein 4 Pathway in Viral-Induced Airway Inflammation. Cell Reports, 2018, 23, 1138-1151.	2.9	38
131	Central Role of the NF-ÎºB Pathway in the Scgb1a1 -Expressing Epithelium in Mediating Respiratory Syncytial Virus-Induced Airway Inflammation. Journal of Virology, 2018, 92, .	1.5	38
132	Angiotensin II Induces Nuclear Factor (NF)-ÂB1 Isoforms to Bind the Angiotensinogen Gene Acute-Phase Response Element: A Stimulus-Specific Pathway for NF-ÂB Activation. Molecular Endocrinology, 2000, 14, 99-113.	3.7	37
133	Functional analysis of the nuclear proteome of human A549 alveolar epithelial cells by HPLC-high resolution 2-D gel electrophoresis. Proteomics, 2006, 6, 2656-2672.	1.3	36
134	Inside-Out Signaling Pathways from Nuclear Reactive Oxygen Species Control Pulmonary Innate Immunity. Journal of Innate Immunity, 2016, 8, 143-155.	1.8	36
135	How cytokines co-occur across asthma patients: From bipartite network analysis to a molecular-based classification. Journal of Biomedical Informatics, 2011, 44, S24-S30.	2.5	35
136	Evolution of Multidisciplinary Translational Teams (MTTs): Insights for Accelerating Translational Innovations. Clinical and Translational Science, 2015, 8, 542-552.	1.5	35
137	Whole transcriptome analysis reveals an 8-oxoguanine DNA glycosylase-1-driven DNA repair-dependent gene expression linked to essential biological processes. Free Radical Biology and Medicine, 2015, 81, 107-118.	1.3	35
138	Systems Approaches to Modeling Chronic Mucosal Inflammation. BioMed Research International, 2013, 2013, 1-17.	0.9	34
139	Assessing and Evaluating Multidisciplinary Translational Teams. Evaluation and the Health Professions, 2014, 37, 33-49.	0.9	34
140	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*. Molecular and Cellular Proteomics, 2015, 14, 2701-2721.	2.5	34
141	Imaging of Murine Whole Lung Fibrosis by Large Scale 3D Microscopy aided by Tissue Optical Clearing. Scientific Reports, 2018, 8, 13348.	1.6	34
142	Perspective: Expanding role of cyclin dependent kinases in cytokine inducible gene expression. Cell Cycle, 2008, 7, 2661-2666.	1.3	33
143	Discovery Proteomics and Nonparametric Modeling Pipeline in the Development of a Candidate Biomarker Panel for Dengue Hemorrhagic Fever. Clinical and Translational Science, 2012, 5, 8-20.	1.5	33
144	Ataxia Telangiectasia Mutated Kinase Mediates NF-ÎºB Serine 276 Phosphorylation and Interferon Expression via the IRF7-RIG-I Amplification Loop in Paramyxovirus Infection. Journal of Virology, 2015, 89, 2628-2642.	1.5	33

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145	Dynamic Cross Talk Model of the Epithelial Innate Immune Response to Double-Stranded RNA Stimulation: Coordinated Dynamics Emerging from Cell-Level Noise. PLoS ONE, 2014, 9, e93396.	1.1	33
146	Regulation of Signal Transducer and Activator of Transcription 3 Enhanceosome Formation by Apurinic/Apyrimidinic Endonuclease 1 in Hepatic Acute Phase Response. Molecular Endocrinology, 2010, 24, 391-401.	3.7	32
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