

Allan R Brasier

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

263
papers

12,707
citations

61
h-index

101
g-index

275
ext. papers

14,143
ext. citations

5.6
avg, IF

6.54
L-index

#	Paper	IF	Citations
263	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 ,	8.3	2
262	Segmental Bronchial Allergen Challenge Elicits Distinct Metabolic Phenotypes in Allergic Asthma. <i>Metabolites</i> , 2022 , 12, 381	5.6	0
261	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions.. <i>Journal of Innate Immunity</i> , 2022 , 1-22	6.9	1
260	Airway fibrin formation cascade in allergic asthma exacerbation: implications for inflammation and remodeling.. <i>Clinical Proteomics</i> , 2022 , 19, 15	5	1
259	Optical biosensing of markers of mucosal inflammation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 40, 102476	6	2
258	Target-Based Small Molecule Drug Discovery Towards Novel Therapeutics for Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2021 , 27, S38-S62	4.5	4
257	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	5.6	3
256	Structural O-Glycoform Heterogeneity of the SARS-CoV-2 Spike Protein Receptor-Binding Domain Revealed by Native Top-Down Mass Spectrometry 2021 ,		1
255	Discovery of RSV-Induced BRD4 Protein Interactions Using Native Immunoprecipitation and Parallel Accumulation-Serial Fragmentation (PASEF) Mass Spectrometry. <i>Viruses</i> , 2021 , 13,	6.2	7
254	Evolution of proteomics technologies for understanding respiratory syncytial virus pathogenesis. <i>Expert Review of Proteomics</i> , 2021 , 18, 379-394	4.2	0
253	Crosstalk of the I β Kinase with Spliced X-Box Binding Protein 1 Couples Inflammation with Glucose Metabolic Reprogramming in Epithelial-Mesenchymal Transition. <i>Journal of Proteome Research</i> , 2021 , 20, 3475-3488	5.6	2
252	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	16.4	17
251	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	5.6	4
250	Systemic Metabolic Alterations Correlate with Islet-Level Prostaglandin E Production and Signaling Mechanisms That Predict β Cell Dysfunction in a Mouse Model of Type 2 Diabetes. <i>Metabolites</i> , 2021 , 11,	5.6	5
249	Alternative mRNA Processing of Innate Response Pathways in Respiratory Syncytial Virus (RSV) Infection. <i>Viruses</i> , 2021 , 13,	6.2	3
248	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	8.4	5
247	Paramyxovirus replication induces the hexosamine biosynthetic pathway and mesenchymal transition via the IRE1 \rightarrow XBP1s arm of the unfolded protein response. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L576-L594	5.8	2

246	Role of Secretoglobin (club cell) NFB/RelA-TGFβ signaling in aero-allergen-induced epithelial plasticity and subepithelial myofibroblast transdifferentiation.. <i>Respiratory Research</i> , 2021 , 22, 315	7.3	2
245	The Hexosamine Biosynthetic Pathway Links Innate Inflammation With Epithelial-Mesenchymal Plasticity in Airway Remodeling.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 808735	5.6	0
244	Nanoapproaches to Modifying Epigenetics of Epithelial Mesenchymal Transition for Treatment of Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2020 , 11, 607689	5.6	7
243	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	5.8	5
242	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	8.3	25
241	RSV Reprograms the CDK9BRD4 Chromatin Remodeling Complex to Couple Innate Inflammation to Airway Remodeling. <i>Viruses</i> , 2020 , 12,	6.2	12
240	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> , 2020 , 5, e57	0.4	1
239	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	8.8	20
238	Respiratory Syncytial Virus Infection Induces Chromatin Remodeling to Activate Growth Factor and Extracellular Matrix Secretion Pathways. <i>Viruses</i> , 2020 , 12,	6.2	11
237	Enhancing reproducibility using interprofessional team best practices. <i>Journal of Clinical and Translational Science</i> , 2020 , 5, e20	0.4	4
236	Operationalization, implementation, and evaluation of Collaboration Planning: A pilot interventional study of nascent translational teams. <i>Journal of Clinical and Translational Science</i> , 2020 , 5, e23	0.4	5
235	Individual and team competencies in translational teams. <i>Journal of Clinical and Translational Science</i> , 2020 , 5, e72	0.4	8
234	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	3.9	19
233	Mechanisms how mucosal innate immunity affects progression of allergic airway disease. <i>Expert Review of Respiratory Medicine</i> , 2019 , 13, 349-356	3.8	6
232	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	5.6	11
231	Targeting inducible epigenetic reprogramming pathways in chronic airway remodeling. <i>Drugs in Context</i> , 2019 , 8,	5.2	4
230	Uronic acid pathway metabolites regulate mesenchymal transition and invasiveness in lung adenocarcinoma. <i>Biotarget</i> , 2019 , 3,	0.7	2
229	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	5.7	33

228	Mucosal bromodomain-containing protein 4 mediates aeroallergen-induced inflammation and remodeling. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1380-1394.e9	11.5	33
227	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	1.8	1
226	Repetitive TLR3 activation in the lung induces skeletal muscle adaptations and cachexia. <i>Experimental Gerontology</i> , 2018 , 106, 88-100	4.5	10
225	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	6.8	41
224	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	17.4	39
223	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	10.6	32
222	Central Role of the NF- κ B Pathway in the β -Expressing Epithelium in Mediating Respiratory Syncytial Virus-Induced Airway Inflammation. <i>Journal of Virology</i> , 2018 , 92,	6.6	29
221	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	8.4	8
220	Therapeutic targets for inflammation-mediated airway remodeling in chronic lung disease. <i>Expert Review of Respiratory Medicine</i> , 2018 , 12, 931-939	3.8	22
219	Proinflammatory Effects of Respiratory Syncytial Virus-Induced Epithelial HMGB1 on Human Innate Immune Cell Activation. <i>Journal of Immunology</i> , 2018 , 201, 2753-2766	5.3	17
218	Imaging of Murine Whole Lung Fibrosis by Large Scale 3D Microscopy aided by Tissue Optical Clearing. <i>Scientific Reports</i> , 2018 , 8, 13348	4.9	24
217	The NFB 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	5.4	28
216	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. <i>Redox Biology</i> , 2018 , 18, 43-53	11.3	26
215	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	5.9	3
214	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,	6.6	52
213	Coordinate activities of BRD4 and CDK9 in the transcriptional elongation complex are required for TGF β -Induced Nox4 expression and myofibroblast transdifferentiation. <i>Cell Death and Disease</i> , 2017 , 8, e2606	9.8	27
212	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	5.3	36
211	Drug Discovery Targeting Bromodomain-Containing Protein 4. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 4533-4558	8.3	171

210	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	15.7	35
209	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	5.7	38
208	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	11.5	13
207	Targeting Chromatin Remodeling in Inflammation and Fibrosis. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017 , 107, 1-36	5.3	20
206	Effects of storage temperature on airway exosome integrity for diagnostic and functional analyses. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1359478	16.4	125
205	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	9.4	29
204	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	7.6	19
203	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	5.6	25
202	Selective Affinity Enrichment of Nitrotyrosine-Containing Peptides for Quantitative Analysis in Complex Samples. <i>Journal of Proteome Research</i> , 2017 , 16, 2983-2992	5.6	10
201	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	5.8	8
200	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	26.6	32
199	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	9.5	8
198	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	5.7	3
197	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	5.7	29
196	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	6.6	55
195	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	5.8	62
194	Integrative proteomic analysis reveals reprogramming tumor necrosis factor signaling in epithelial mesenchymal transition. <i>Journal of Proteomics</i> , 2016 , 148, 126-38	3.9	19
193	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	4.9	5

192	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	5.4	101
191	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	3.1	5
190	Dysregulation of RBFOX2 Is an Early Event in Cardiac Pathogenesis of Diabetes. <i>Cell Reports</i> , 2016 , 15, 2200-2213	10.6	35
189	Inside-Out Signaling Pathways from Nuclear Reactive Oxygen Species Control Pulmonary Innate Immunity. <i>Journal of Innate Immunity</i> , 2016 , 8, 143-55	6.9	27
188	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	7.6	13
187	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	11.5	21
186	S-Nitrosylation Proteome Profile of Peripheral Blood Mononuclear Cells in Human Heart Failure. <i>International Journal of Proteomics</i> , 2016 , 2016, 1384523		10
185	Changes in Proteome Profile of Peripheral Blood Mononuclear Cells in Chronic Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004490	4.8	18
184	Cytokine amplification and macrophage effector functions in aortic inflammation and abdominal aortic aneurysm formation. <i>Journal of Thoracic Disease</i> , 2016 , 8, E746-54	2.6	19
183	Qualification and Verification of Protein Biomarker Candidates. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 919, 493-514	3.6	13
182	Introduction to Clinical Proteomics. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 919, 435-441	3.6	7
181	Unlocking proteomic heterogeneity in complex diseases through visual analytics. <i>Proteomics</i> , 2015 , 15, 1405-18	4.8	6
180	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, 2628-42	6.6	26
179	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	7.8	26
178	Mixed-effects model of epithelial-mesenchymal transition reveals rewiring of signaling networks. <i>Cellular Signalling</i> , 2015 , 27, 1413-25	4.9	17
177	Inferring genome-wide functional modulatory network: a case study on NF- κ B/RelA transcription factor. <i>Journal of Computational Biology</i> , 2015 , 22, 300-12	1.7	19
176	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	7.8	54
175	Evolution of Multidisciplinary Translational Teams (MTTs): Insights for Accelerating Translational Innovations. <i>Clinical and Translational Science</i> , 2015 , 8, 542-52	4.9	20

174	The Multidisciplinary Translational Team (MTT) Model for Training and Development of Translational Research Investigators. <i>Clinical and Translational Science</i> , 2015 , 8, 533-41	4.9	26
173	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	3.7	19
172	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	4.5	58
171	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, 2701-21	7.6	26
170	Molecular classification of outcomes from dengue virus -3 infections. <i>Journal of Clinical Virology</i> , 2015 , 64, 97-106	14.5	13
169	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, 107-18	7.8	30
168	Modulation of gene expression regulated by the transcription factor NF- κ B/RelA. <i>Journal of Biological Chemistry</i> , 2014 , 289, 11927-11944	5.4	24
167	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and smooth muscle actin polymerization. <i>Free Radical Biology and Medicine</i> , 2014 , 73, 430-8	7.8	40
166	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, 2384-94	5.3	75
165	Multiplexed parallel reaction monitoring targeting histone modifications on the QExactive mass spectrometer. <i>Analytical Chemistry</i> , 2014 , 86, 5526-34	7.8	51
164	Innate inflammation induced by the 8-oxoguanine DNA glycosylase-1-KRAS-NF- κ B pathway. <i>Journal of Immunology</i> , 2014 , 193, 4643-53	5.3	71
163	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	5.2	71
162	TLR4 activation enhances the PD-L1-mediated tolerogenic capacity of colonic CD90+ stromal cells. <i>Journal of Immunology</i> , 2014 , 193, 2218-29	5.3	51
161	Inducible STAT3 NH2 terminal mono-ubiquitination promotes BRD4 complex formation to regulate apoptosis. <i>Cellular Signalling</i> , 2014 , 26, 1445-55	4.9	41
160	RIG-I enhanced interferon independent apoptosis upon Junin virus infection. <i>PLoS ONE</i> , 2014 , 9, e99610	3.7	20
159	Diagnostics for Statistical Variable Selection Methods for Prediction of Peptic Ulcer Disease in Infection. <i>Journal of Proteomics and Bioinformatics</i> , 2014 , 7, 1000307	2.1	3
158	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, 8416-32	20.1	46
157	Assessing and evaluating multidisciplinary translational teams: a mixed methods approach. <i>Evaluation and the Health Professions</i> , 2014 , 37, 33-49	2.5	24

156	Measurement of the innate immune response in the airway. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 795, 233-54	3.6	2
155	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	6	58
154	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	3.7	23
153	Analysis and predictive modeling of asthma phenotypes. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 795, 273-88	3.6	5
152	Conclusions and future directions. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 795, 335-43	3.6	0
151	Use of theoretical peptide distributions in phosphoproteome analysis. <i>Journal of Proteome Research</i> , 2013 , 12, 3207-14	5.6	1
150	Interleukin-6-signal transducer and activator of transcription-3 signaling mediates aortic dissections induced by angiotensin II via the T-helper lymphocyte 17-interleukin 17 axis in C57BL/6 mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1612-21	9.4	78
149	Variable selection methods for developing a biomarker panel for prediction of dengue hemorrhagic fever. <i>BMC Research Notes</i> , 2013 , 6, 365	2.3	14
148	Innate immune response to arenaviral infection: a focus on the highly pathogenic New World hemorrhagic arenaviruses. <i>Journal of Molecular Biology</i> , 2013 , 425, 4893-903	6.5	19
147	The CTSA as an exemplar framework for developing multidisciplinary translational teams. <i>Clinical and Translational Science</i> , 2013 , 6, 60-71	4.9	29
146	A structured approach to predictive modeling of a two-class problem using multidimensional data sets. <i>Methods</i> , 2013 , 61, 73-85	4.6	18
145	Applications of selected reaction monitoring (SRM)-mass spectrometry (MS) for quantitative measurement of signaling pathways. <i>Methods</i> , 2013 , 61, 313-22	4.6	42
144	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, 1212-20	4.3	67
143	Identification of innate immune response endotypes in asthma: implications for personalized medicine. <i>Current Allergy and Asthma Reports</i> , 2013 , 13, 462-8	5.6	10
142	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, 7240-59	20.1	34
141	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, R216-23	3.2	73
140	Systems approaches to modeling chronic mucosal inflammation. <i>BioMed Research International</i> , 2013 , 2013, 505864	3	29
139	Aortic remodeling after transverse aortic constriction in mice is attenuated with AT1 receptor blockade. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2172-9	9.4	50

138	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, 7075-92	6.6	49
137	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, 1513-29	7.6	28
136	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	5.4	31
135	The Culture of Translational Science Research: Participants' Stories. <i>International Review of Qualitative Research</i> , 2013 , 6, 127-142	0.3	12
134	Discovery proteomics and nonparametric modeling pipeline in the development of a candidate biomarker panel for dengue hemorrhagic fever. <i>Clinical and Translational Science</i> , 2012 , 5, 8-20	4.9	32
133	Proteomics improves the prediction of burns mortality: results from regression spline modeling. <i>Clinical and Translational Science</i> , 2012 , 5, 243-9	4.9	18
132	Improved mass defect model for theoretical tryptic peptides. <i>Analytical Chemistry</i> , 2012 , 84, 3026-32	7.8	8
131	Strategies for molecular classification of asthma using bipartite network analysis of cytokine expression. <i>Current Allergy and Asthma Reports</i> , 2012 , 12, 388-95	5.6	15
130	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	4.5	16
129	Two-step cross-linking for analysis of protein-chromatin interactions. <i>Methods in Molecular Biology</i> , 2012 , 809, 105-20	1.4	74
128	Jun β virus pathogenesis and virus replication. <i>Viruses</i> , 2012 , 4, 2317-39	6.2	56
127	Jun β virus infection activates the type I interferon pathway in a RIG-I-dependent manner. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1659	4.8	53
126	A three-component biomarker panel for prediction of dengue hemorrhagic fever. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 86, 341-8	3.2	57
125	How cytokines co-occur across asthma patients: from bipartite network analysis to a molecular-based classification. <i>Journal of Biomedical Informatics</i> , 2011 , 44 Suppl 1, S24-S30	10.2	25
124	Quantification of activated NF-kappaB/RelA complexes using ssDNA aptamer affinity-stable isotope dilution-selected reaction monitoring-mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M111.008771	7.6	38
123	Examining troughs in the mass distribution of all theoretically possible tryptic peptides. <i>Journal of Proteome Research</i> , 2011 , 10, 4150-7	5.6	21
122	RelA Ser276 phosphorylation-coupled Lys310 acetylation controls transcriptional elongation of inflammatory cytokines in respiratory syncytial virus infection. <i>Journal of Virology</i> , 2011 , 85, 11752-69	6.6	77
121	Aortic adventitial fibroblasts participate in angiotensin-induced vascular wall inflammation and remodeling. <i>Journal of Vascular Research</i> , 2011 , 48, 261-72	1.9	67

120	Methods for Biomarker Verification and Assay Development. <i>Current Proteomics</i> , 2011 , 8, 138-152	0.7	3
119	Sources of cell-to-cell variability in canonical nuclear factor- κ B (NF- κ B) signaling pathway inferred from single cell dynamic images. <i>Journal of Biological Chemistry</i> , 2011 , 286, 37741-57	5.4	38
118	High throughput short interfering RNA (siRNA) screening of the human kinome identifies novel kinases controlling the canonical nuclear factor- κ B (NF- κ B) activation pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 37187-95	5.4	20
117	Proteomic Insights into Inflammatory Airway Diseases. <i>Current Proteomics</i> , 2011 , 8, 84-96	0.7	2
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