Yvonne M W Janssen-Heininger

List of Publications by Year
in descending order

87 papers	6,483 citations	71102 41 h-index	64796 79 g-index
87 all docs	87 docs citations	87 times ranked	7936 citing authors

#	Article	IF	Citations
1	Macrophage-intrinsic DUOX1 contributes to type 2 inflammation and mucus metaplasia during allergic airway disease. Mucosal Immunology, 2022, 15, 977-989.	6.0	5
2	Guidelines for measuring reactive oxygen species and oxidative damage in cells and in vivo. Nature Metabolism, 2022, 4, 651-662.	11.9	356
3	Glutathionylation chemistry promotes interleukinâ€1 betaâ€mediated glycolytic reprogramming and proâ€inflammatory signaling in lung epithelial cells. FASEB Journal, 2021, 35, e21525.	0.5	9
4	Dysregulation of Pyruvate Kinase M2 Promotes Inflammation in a Mouse Model of Obese Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 709-721.	2.9	9
5	Glutathione S-transferases and their implications in the lung diseases asthma and chronic obstructive pulmonary disease: Early life susceptibility?. Redox Biology, 2021, 43, 101995.	9.0	25
6	Downregulation of DUOX1 function contributes to aging-related impairment of innate airway injury responses and accelerated senile emphysema. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L144-L158.	2.9	4
7	Oxidation of peroxiredoxin-4 induces oligomerization and promotes interaction with proteins governing protein folding and endoplasmic reticulum stress. Journal of Biological Chemistry, 2021, 296, 100665.	3.4	15
8	Redox mechanisms in pulmonary disease: Emphasis on pulmonary fibrosis. , 2020, , 735-758.		0
9	Dysregulation of the glutaredoxin/<i>S-</i>glutathionylation redox axis in lung diseases. American Journal of Physiology - Cell Physiology, 2020, 318, C304-C327.	4.6	36
10	Glutaredoxin deficiency promotes activation of the transforming growth factor beta pathway in airway epithelial cells, in association with fibrotic airway remodeling. Redox Biology, 2020, 37, 101720.	9.0	7
11	Development of Telintra as an Inhibitor of Glutathione S-Transferase P. Handbook of Experimental Pharmacology, 2020, 264, 71-91.	1.8	10
12	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models. PLoS ONE, 2020, 15, e0226904.	2.5	17
13	Pyruvate Kinase M2 Promotes Expression of Proinflammatory Mediators in House Dust Miteâ€“Induced Allergic Airways Disease. Journal of Immunology, 2020, 204, 763-774.	0.8	29
14	Endoplasmic reticulum stress and glutathione therapeutics in chronic lung diseases. Redox Biology, 2020, 33, 101516.	9.0	33
15	Title is missing!. , 2020, 15, e0226904.		0
16	Title is missing!. , 2020, 15, e0226904.		0
17	Title is missing!. , 2020, 15, e0226904.		0
18	Title is missing!. , 2020, 15, e0226904.		0

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19	Age-dependent dysregulation of redox genes may contribute to fibrotic pulmonary disease susceptibility. Free Radical Biology and Medicine, 2019, 141, 438-446.	2.9	12
20	Endothelial cellâ€specific redox gene modulation inhibits angiogenesis but promotes B16F0 tumor growth in mice. FASEB Journal, 2019, 33, 14147-14158.	0.5	9
21	The Effect of Flavored E-cigarettes on Murine Allergic Airways Disease. Scientific Reports, 2019, 9, 13671.	3.3	38
22	Peroxiredoxins and Beyond; Redox Systems Regulating Lung Physiology and Disease. Antioxidants and Redox Signaling, 2019, 31, 1070-1091.	5.4	24
23	S-Glutathionylation of estrogen receptor Î± affects dendritic cell function. Journal of Biological Chemistry, 2018, 293, 4366-4380.	3.4	29
24	IL-1/inhibitory ÎºB kinase Îµâ€“induced glycolysis augment epithelial effector function and promote allergic airways disease. Journal of Allergy and Clinical Immunology, 2018, 142, 435-450.e10.	2.9	41
25	Reducing protein oxidation reverses lung fibrosis. Nature Medicine, 2018, 24, 1128-1135.	30.7	88
26	TGF-Î²1-induced deposition of provisional extracellular matrix by tracheal basal cells promotes epithelial-to-mesenchymal transition in a c-Jun NH₂-terminal kinase-1-dependent manner. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L984-L997.	2.9	25
27	Oxidative stress in chronic lung disease: From mitochondrial dysfunction to dysregulated redox signaling. Molecular Aspects of Medicine, 2018, 63, 59-69.	6.4	109
28	Rust never sleeps: The continuing story of the Iron Bolt. Free Radical Biology and Medicine, 2018, 124, 353-357.	2.9	1
29	The role of sulfenic acids in cellular redox signaling: Reconciling chemical kinetics and molecular detection strategies. Archives of Biochemistry and Biophysics, 2017, 616, 40-46.	3.0	43
30	Epigenetic and Transcriptomic Regulation of Lung Repair during Recovery from Influenza Infection. American Journal of Pathology, 2017, 187, 851-863.	3.8	47
31	Ablation of Glutaredoxin-1 Modulates House Dust Miteâ€“Induced Allergic Airways Disease in Mice. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 377-386.	2.9	18
32	Glutathione S-transferase pi modulates NF-ÎºB activation and pro-inflammatory responses in lung epithelial cells. Redox Biology, 2016, 8, 375-382.	9.0	64
33	The redox mechanism for vascular barrier dysfunction associated with metabolic disorders: Glutathionylation of Rac1 in endothelial cells. Redox Biology, 2016, 9, 306-319.	9.0	51
34	JNK inhibition reduces lung remodeling and pulmonary fibrotic systemic markers. Clinical and Translational Medicine, 2016, 5, 36.	4.0	88
35	Airway epithelial dual oxidase 1 mediates allergen-induced IL-33 secretion and activation of type 2 immune responses. Journal of Allergy and Clinical Immunology, 2016, 137, 1545-1556.e11.	2.9	117
36	Protein disulfide isomeraseâ€“endoplasmic reticulum resident protein 57 regulates allergen-induced airways inflammation, fibrosis, and hyperresponsiveness. Journal of Allergy and Clinical Immunology, 2016, 137, 822-832.e7.	2.9	46

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37	Thiol Redox Chemistry: Role of Protein Cysteine Oxidation and Altered Redox Homeostasis in Allergic Inflammation and Asthma. Journal of Cellular Biochemistry, 2015, 116, 884-892.	2.6	29
38	Absence of c-Jun NH₂-terminal kinase 1 protects against house dust mite-induced pulmonary remodeling but not airway hyperresponsiveness and inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L866-L875.	2.9	25
39	Glutaredoxin-1 AttenuatesS-Glutathionylation of the Death Receptor Fas and Decreases Resolution ofPseudomonas aeruginosaPneumonia. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 463-474.	5.6	22
40	Identification of DUOX1-dependent redox signaling through protein S-glutathionylation in airway epithelial cells. Redox Biology, 2014, 2, 436-446.	9.0	26
41	Hydrogen Peroxide as a Damage Signal in Tissue Injury and Inflammation: Murderer, Mediator, or Messenger?. Journal of Cellular Biochemistry, 2014, 115, 427-435.	2.6	171
42	The glutaredoxin/S-glutathionylation axis regulates interleukin-17A-induced proinflammatory responses in lung epithelial cells in association with S-glutathionylation of nuclear factor ÎºB family proteins. Free Radical Biology and Medicine, 2014, 73, 143-153.	2.9	21
43	Emerging mechanisms of glutathioneâ€dependent chemistry in biology and disease. Journal of Cellular Biochemistry, 2013, 114, 1962-1968.	2.6	36
44	Epithelial NF-ÎºB Orchestrates House Dust Miteâ€“Induced Airway Inflammation, Hyperresponsiveness, and Fibrotic Remodeling. Journal of Immunology, 2013, 191, 5811-5821.	0.8	76
45	Increased glutaredoxin-1 and decreased protein<i>S</i>-glutathionylation in sputum of asthmatics. European Respiratory Journal, 2013, 41, 469-472.	6.7	34
46	Genetic ablation of glutaredoxin-1 causes enhanced resolution of airways hyperresponsiveness and mucus metaplasia in mice with allergic airways disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L528-L538.	2.9	18
47	Redox-Based Regulation of Apoptosis: S-Glutathionylation As a Regulatory Mechanism to Control Cell Death. Antioxidants and Redox Signaling, 2012, 16, 496-505.	5.4	74
48	Oxidative Processing of Latent Fas in the Endoplasmic Reticulum Controls the Strength of Apoptosis. Molecular and Cellular Biology, 2012, 32, 3464-3478.	2.3	48
49	Cooperation between Classical and Alternative NF-ÎºB Pathways Regulates Proinflammatory Responses in Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 497-508.	2.9	30
50	Induction of a Mesenchymal Expression Program in Lung Epithelial Cells by Wingless Protein (Wnt)/Î²-Catenin Requires the Presence of c-Jun N-Terminal Kinaseâ€“1 (JNK1). American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 306-314.	2.9	30
51	Activation of the glutaredoxin-1 gene by nuclear factor ÎºB enhances signaling. Free Radical Biology and Medicine, 2011, 51, 1249-1257.	2.9	48
52	Ablation of Glutaredoxin-1 Attenuates Lipopolysaccharide-Induced Lung Inflammation and Alveolar Macrophage Activation. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 491-499.	2.9	61
53	Airway Epithelial NF-ÎºB Activation Promotes Allergic Sensitization to an Innocuous Inhaled Antigen. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 631-638.	2.9	70
54	c-Jun N-Terminal Kinase 1 Promotes Transforming Growth Factorâ€“Î²1â€“Induced Epithelial-to-Mesenchymal Transition via Control of Linker Phosphorylation and Transcriptional Activity of Smad3. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 571-581.	2.9	66

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55	Regulation of apoptosis through cysteine oxidation: implications for fibrotic lung disease. Annals of the New York Academy of Sciences, 2010, 1203, 23-28.	3.8	28
56	Distinct Functions of Airway Epithelial Nuclear Factor-ÎºB Activity Regulate Nitrogen Dioxideâ€“Induced Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 443-451.	2.9	25
57	Protocols for the Detection of S-Glutathionylated and S-Nitrosylated Proteins In Situ. Methods in Enzymology, 2010, 474, 289-296.	1.0	34
58	c-Jun N-Terminal Kinase 1 Is Required for the Development of Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 422-432.	2.9	85
59	Nuclear Factor ÂB, Airway Epithelium, and Asthma: Avenues for Redox Control. Proceedings of the American Thoracic Society, 2009, 6, 249-255.	3.5	109
60	Oxidants Are Not All Created Equal. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 627-628.	5.6	1
61	Redox amplification of apoptosis by caspase-dependent cleavage of glutaredoxin 1 and S-glutathionylation of Fas. Journal of Cell Biology, 2009, 184, 241-252.	5.2	113
62	In Situ Analysis of Protein S-Glutathionylation in Lung Tissue Using Glutaredoxin-1-Catalyzed Cysteine Derivatization. American Journal of Pathology, 2009, 175, 36-45.	3.8	35
63	Redox-based regulation of signal transduction: Principles, pitfalls, and promises. Free Radical Biology and Medicine, 2008, 45, 1-17.	2.9	681
64	Inhibition of Arginase Activity Enhances Inflammation in Mice with Allergic Airway Disease, in Association with Increases in Protein <i>S</i>-Nitrosylation and Tyrosine Nitration. Journal of Immunology, 2008, 181, 4255-4264.	0.8	71
65	Nuclear Factor-ÎºB Activation in Airway Epithelium Induces Inflammation and Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 959-969.	5.6	113
66	Jun N-terminal kinase 1 regulates epithelial-to-mesenchymal transition induced by TGF-Î²1. Journal of Cell Science, 2008, 121, 1036-1045.	2.0	113
67	Nonphagocytic Oxidase 1 Causes Death in Lung Epithelial Cells via a TNF-RIâ€“JNK Signaling Axis. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 473-479.	2.9	33
68	Arginase Modulates NF-ÎºB Activity via a Nitric Oxideâ€“Dependent Mechanism. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 645-653.	2.9	67
69	Modulation of Glutaredoxin-1 Expression in a Mouse Model of Allergic Airway Disease. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 147-151.	2.9	67
70	In situ detection of S-glutathionylated proteins following glutaredoxin-1 catalyzed cysteine derivatization. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 380-387.	2.4	59
71	Redox-Sensitive Kinases of the Nuclear Factor-ÎºB Signaling Pathway. Antioxidants and Redox Signaling, 2006, 8, 1791-1806.	5.4	298
72	Nitrogen dioxide enhances allergic airway inflammation and hyperresponsiveness in the mouse. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L144-L152.	2.9	52

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73	Dynamic redox control of NF-ÂB through glutaredoxin-regulated S-glutathionylation of inhibitory ÂB kinase beta. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13086-13091.	7.1	397
74	SOD Inactivation in Asthma. American Journal of Pathology, 2005, 166, 649-652.	3.8	13
75	Reactive Nitrogen Species-Induced Cell Death Requires Fas-Dependent Activation of c-Jun N-Terminal Kinase. Molecular and Cellular Biology, 2004, 24, 6763-6772.	2.3	54
76	Nitric oxide represses inhibitory ÎºB kinase through S-nitrosylation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8945-8950.	7.1	352
77	NF-ÎºB Activation in Airways Modulates Allergic Inflammation but Not Hyperresponsiveness. Journal of Immunology, 2004, 173, 7003-7009.	0.8	149
78	In situ detection and visualization of S-nitrosylated proteins following chemical derivatization: identification of Ran GTPase as a target for S-nitrosylation. Nitric Oxide - Biology and Chemistry, 2004, 11, 216-227.	2.7	48
79	Eosinophil peroxidase catalyzes JNK-mediated membrane blebbing in a Rho kinase-dependent manner. Journal of Leukocyte Biology, 2003, 74, 897-907.	3.3	18
80	Hydrogen Peroxide Signaling through Tumor Necrosis Factor Receptor 1 Leads to Selective Activation of c-Jun N-terminal Kinase. Journal of Biological Chemistry, 2003, 278, 44091-44096.	3.4	72
81	A Prominent Role for Airway Epithelial NF-ÎºB Activation in Lipopolysaccharide-Induced Airway Inflammation. Journal of Immunology, 2003, 170, 6257-6265.	0.8	171
82	Reactive Nitrogen Species and Cell Signaling. American Journal of Respiratory and Critical Care Medicine, 2002, 166, S9-S16.	5.6	63
83	Rapid Activation of Nuclear Factor-ÎºB in Airway Epithelium in a Murine Model of Allergic Airway Inflammation. American Journal of Pathology, 2002, 160, 1325-1334.	3.8	146
84	Inflammatory cytokines inhibit myogenic differentiation through activation of nuclear factorâ€ÎºÎ'. FASEB Journal, 2001, 15, 1169-1180.	0.5	380
85	Nitrogen Dioxide Induces Death in Lung Epithelial Cells in a Density-Dependent Manner. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 583-590.	2.9	39
86	Apoptosis in lung pathophysiology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L423-L427.	2.9	112
87	Cooperativity between Oxidants and Tumor Necrosis Factor in the Activation of Nuclear Factor (NF)- Îº B. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 942-952.	2.9	195