

# Jeroen Alfons Vanoirbeek

## 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.

132  
papers

3,846  
citations

35  
h-index

57  
g-index

162  
ext. papers

4,480  
ext. citations

5.7  
avg, IF

5.09  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 132 | Local nebulization of 1 $\alpha$ ,25(OH) <sub>2</sub> D attenuates LPS-induced acute lung inflammation.. <i>Respiratory Research</i> , <b>2022</b> , 23, 76   | 7.3  | 2         |
| 131 | Innate Lymphoid Cells Are Required to Induce Airway Hyperreactivity in a Murine Neutrophilic Asthma Model.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 849155   | 8.4  | 2         |
| 130 | Effects of repeated infections with non-typeable Haemophilus influenzae on lung in vitamin D deficient and smoking mice.. <i>Respiratory Research</i> , <b>2022</b> , 23, 40  | 7.3  |           |
| 129 | Bisphenol A release from short-term degraded resin-based dental materials. <i>Journal of Dentistry</i> , <b>2021</b> , 116, 103894  | 4.8  | 2         |
| 128 | Lung Functioning and Inflammation in a Mouse Model of Systemic Juvenile Idiopathic Arthritis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 642778   | 8.4  | 0         |
| 127 | Elevated serum calprotectin (S100A8/A9) in patients with severe asthma. <i>Journal of Asthma</i> , <b>2021</b> , 1-6  | 1.9  | 0         |
| 126 | Acute and chronic exposure to air pollution in relation with incidence, prevalence, severity and mortality of COVID-19: a rapid systematic review. <i>Environmental Health</i> , <b>2021</b> , 20, 41                 | 6    | 16        |
| 125 | Effect of Graphene and Graphene Oxide on Airway Barrier and Differential Phosphorylation of Proteins in Tight and Adherens Junction Pathways. <i>Nanomaterials</i> , <b>2021</b> , 11,                                | 5.4  | 1         |
| 124 | An alternative method to assess permeation through disposable gloves. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 411, 125045   | 12.8 | 3         |
| 123 | Bisphenol A as degradation product of monomers used in resin-based dental materials. <i>Dental Materials</i> , <b>2021</b> , 37, 1020-1029  | 5.7  | 9         |
| 122 | Systematic review of biomonitoring data on occupational exposure to hexavalent chromium. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 236, 113799                                 | 6.9  | 4         |
| 121 | Involvement of Innate Lymphoid Cells and Dendritic Cells in a Mouse Model of Chemical-induced Asthma. <i>Allergy, Asthma and Immunology Research</i> , <b>2021</b> , 13, 295-311                                      | 5.3  | 0         |
| 120 | Long-term elution of bisphenol A from dental composites. <i>Dental Materials</i> , <b>2021</b> , 37, 1561-1568  | 5.7  | 1         |
| 119 | probiotic prevents airway function deterioration and promotes gut microbiome resilience in a murine asthma model. <i>Gut Microbes</i> , <b>2020</b> , 11, 1729-1744   | 8.8  | 15        |
| 118 | Innate lymphoid cells in isocyanate-induced asthma: role of microRNA-155. <i>European Respiratory Journal</i> , <b>2020</b> , 56,   | 13.6 | 2         |
| 117 | Intermittent CPAP limits hyperoxia-induced lung damage in a rabbit model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 318, L976-L987 | 5.8  | 6         |
| 116 | Monomer release from direct and indirect adhesive restorations: A comparative in vitro study. <i>Dental Materials</i> , <b>2020</b> , 36, 1275-1281   | 5.7  | 3         |

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|-----|--|------|----|
| 115 | Assessment of the absorbed dose after exposure to surgical smoke in an operating room. <i>Toxicology Letters</i> , <b>2020</b> , 328, 45-51  | 4.4  | 5  |
| 114 | Skin Exposure Contributes to Chemical-Induced Asthma: What is the Evidence? A Systematic Review of Animal Models. <i>Allergy, Asthma and Immunology Research</i> , <b>2020</b> , 12, 579-598   | 5.3  | 8  |
| 113 | Longitudinal micro-computed tomography-derived biomarkers quantify non-resolving lung fibrosis in a silicosis mouse model. <i>Scientific Reports</i> , <b>2020</b> , 10, 16181   | 4.9  | 5  |
| 112 | Assessment of Human Health Risks Posed by Nano-and Microplastics Is Currently Not Feasible. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,   | 4.6  | 15 |
| 111 | Environmental Contamination and Occupational Exposure of Algerian Hospital Workers. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 374   | 6    | 2  |
| 110 | Cobalt exposure via skin alters lung immune cells and enhances pulmonary responses to cobalt in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 319, L641-L651                        | 5.8  | 2  |
| 109 | Contribution of mast cells in irritant-induced airway epithelial barrier impairment. <i>Toxicology and Industrial Health</i> , <b>2020</b> , 36, 823-834   | 1.8  | 5  |
| 108 | Intratracheal budesonide/surfactant attenuates hyperoxia-induced lung injury in preterm rabbits. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 319, L949-L956                             | 5.8  | 5  |
| 107 | Long-term elution of monomers from resin-based dental composites. <i>Dental Materials</i> , <b>2019</b> , 35, 477-485.   | 5.7  | 31 |
| 106 | Blocking histone deacetylase activity as a novel target for epithelial barrier defects in patients with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 1242-1253.e7                             | 11.5 | 44 |
| 105 | Dermal exposure determines the outcome of repeated airway exposure in a long-term chemical-induced asthma-like mouse model. <i>Toxicology</i> , <b>2019</b> , 421, 84-92   | 4.4  | 8  |
| 104 | Carbon Nanotube- and Asbestos-Induced DNA and RNA Methylation Changes in Bronchial Epithelial Cells. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 850-860  | 4    | 19 |
| 103 | Intranasal administration of probiotic <i>Lactobacillus rhamnosus</i> GG prevents birch pollen-induced allergic asthma in a murine model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 100-110  | 9.3  | 54 |
| 102 | Assessment of exposure of gas station attendants in Sri Lanka to benzene, toluene and xylenes. <i>Environmental Research</i> , <b>2019</b> , 178, 108670   | 7.9  | 8  |
| 101 | Radiosafe micro-computed tomography for longitudinal evaluation of murine disease models. <i>Scientific Reports</i> , <b>2019</b> , 9, 17598   | 4.9  | 16 |
| 100 | Response to Cherrie Letter, 'How to Quantitatively Assess Dermal Exposure to Volatile Organic Compounds'. <i>Annals of Work Exposures and Health</i> , <b>2018</b> , 62, 255-256   | 2.4  | 1  |
| 99  | Global and gene-specific DNA methylation effects of different asbestos fibres on human bronchial epithelial cells. <i>Environment International</i> , <b>2018</b> , 115, 301-311   | 12.9 | 10 |
| 98  | Upregulation of Vascular Endothelial Growth Factor in Amniotic Fluid Stem Cells Enhances Their Potential to Attenuate Lung Injury in a Preterm Rabbit Model of Bronchopulmonary Dysplasia. <i>Neonatology</i> , <b>2018</b> , 113, 275-285 | 4    | 17 |

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|----|---|------|----|
| 97 | Irritant-induced asthma to hypochlorite in mice due to impairment of the airway barrier. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 1551-1561  | 5.8  | 12 |
| 96 | A novel high sensitivity UPLC-MS/MS method for the evaluation of bisphenol A leaching from dental materials. <i>Scientific Reports</i> , <b>2018</b> , 8, 6981  | 4.9  | 20 |
| 95 | Differences in MWCNT- and SWCNT-induced DNA methylation alterations in association with the nuclear deposition. <i>Particle and Fibre Toxicology</i> , <b>2018</b> , 15, 11   | 8.4  | 44 |
| 94 | Integrated evaluation of solvent exposure in an occupational setting: air, dermal and bio-monitoring. <i>Toxicology Letters</i> , <b>2018</b> , 298, 150-157  | 4.4  | 4  |
| 93 | Exposure to Polycyclic Aromatic Hydrocarbons Leads to Non-monotonic Modulation of DNA and RNA (hydroxy)methylation in a Rat Model. <i>Scientific Reports</i> , <b>2018</b> , 8, 10577                               | 4.9  | 16 |
| 92 | Nanoparticles in the lungs of old mice: Pulmonary inflammation and oxidative stress without procoagulant effects. <i>Science of the Total Environment</i> , <b>2018</b> , 644, 907-915                              | 10.2 | 8  |
| 91 | In-vitro transdermal diffusion of monomers from adhesives. <i>Journal of Dentistry</i> , <b>2018</b> , 75, 91-97  | 4.8  | 17 |
| 90 | Single-walled and multi-walled carbon nanotubes induce sequence-specific epigenetic alterations in 16 HBE cells. <i>Oncotarget</i> , <b>2018</b> , 9, 20351-20365   | 3.3  | 16 |
| 89 | Simultaneous analysis of bisphenol A based compounds and other monomers leaching from resin-based dental materials by UHPLC-MS/MS. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 1063-1075               | 3.4  | 17 |
| 88 | Effect of anti-IgE in occupational asthma caused by exposure to low molecular weight agents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 72, 1720-1727                      | 9.3  | 5  |
| 87 | Epigenetic effects of carbon nanotubes in human monocytic cells. <i>Mutagenesis</i> , <b>2017</b> , 32, 181-191   | 2.8  | 32 |
| 86 | Serum and sputum calprotectin, a reflection of neutrophilic airway inflammation in asthmatics after high-altitude exposure. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 1675-1677                  | 4.1  | 3  |
| 85 | TRPV4 activation triggers protective responses to bacterial lipopolysaccharides in airway epithelial cells. <i>Nature Communications</i> , <b>2017</b> , 8, 1059  | 17.4 | 66 |
| 84 | A Method to Quantitatively Assess Dermal Exposure to Volatile Organic Compounds. <i>Annals of Work Exposures and Health</i> , <b>2017</b> , 61, 975-985   | 2.4  | 12 |
| 83 | Biomass smoke exposure as an occupational risk: cross-sectional study of respiratory health of women working as street cooks in Nigeria. <i>Occupational and Environmental Medicine</i> , <b>2017</b> , 74, 737-744 | 2.1  | 7  |
| 82 | Forced expiration measurements in mouse models of obstructive and restrictive lung diseases. <i>Respiratory Research</i> , <b>2017</b> , 18, 123  | 7.3  | 54 |
| 81 | IL-13 is a central mediator of chemical-induced airway hyperreactivity in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180690  | 9.7  | 8  |
| 80 | Toluene diisocyanate and methylene diphenyl diisocyanate: asthmatic response and cross-reactivity in a mouse model. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 1709-17                                       | 5.8  | 23 |

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|----|--|------|----|
| 79 | Persistence of respiratory and inflammatory responses after dermal sensitization to persulfate salts in a mouse model of non-atopic asthma. <i>Allergy, Asthma and Clinical Immunology</i> , <b>2016</b> , 12, 26  | 3.2  | 7  |
| 78 | Body distribution of SiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> core-shell nanoparticles after intravenous injection and intratracheal instillation. <i>Nanotoxicology</i> , <b>2016</b> , 10, 567-74  | 5.3  | 13 |
| 77 | Caffeine Prevents Hyperoxia-Induced Functional and Structural Lung Damage in Preterm Rabbits. <i>Neonatology</i> , <b>2016</b> , 109, 274-81   | 4    | 34 |
| 76 | Longitudinal micro-CT provides biomarkers of lung disease that can be used to assess the effect of therapy in preclinical mouse models, and reveal compensatory changes in lung volume. <i>DMM Disease Models and Mechanisms</i> , <b>2016</b> , 9, 91-8 | 4.1  | 51 |
| 75 | Progressive Vascular Functional and Structural Damage in a Bronchopulmonary Dysplasia Model in Preterm Rabbits Exposed to Hyperoxia. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,  | 6.3  | 18 |
| 74 | Mucosal expression of DEC-205 targeted allergen alleviates an asthmatic phenotype in mice. <i>Journal of Controlled Release</i> , <b>2016</b> , 237, 14-22   | 11.7 | 10 |
| 73 | Transplacental Administration of Rosiglitazone Attenuates Hyperoxic Lung Injury in a Preterm Rabbit Model. <i>Fetal Diagnosis and Therapy</i> , <b>2016</b> , 39, 297-305  | 2.4  | 2  |
| 72 | Neuro-immune interactions in chemical-induced airway hyperreactivity. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 380-92   | 13.6 | 27 |
| 71 | Proton-pump inhibitor omeprazole attenuates hyperoxia induced lung injury. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 247  | 8.5  | 13 |
| 70 | A chest physician's guide to mechanisms of sinonasal disease. <i>Thorax</i> , <b>2015</b> , 70, 353-8  | 7.3  | 15 |
| 69 | Lung distribution, quantification, co-localization and speciation of silver nanoparticles after lung exposure in mice. <i>Toxicology Letters</i> , <b>2015</b> , 238, 1-6  | 4.4  | 59 |
| 68 | Methylisothiazolinone: dermal and respiratory immune responses in mice. <i>Toxicology Letters</i> , <b>2015</b> , 235, 179-88  | 4.4  | 21 |
| 67 | Enhanced endogenous bone morphogenetic protein signaling protects against bleomycin induced pulmonary fibrosis. <i>Respiratory Research</i> , <b>2015</b> , 16, 38   | 7.3  | 27 |
| 66 | Toxicity of nanoparticles embedded in paints compared to pristine nanoparticles, in vitro study. <i>Toxicology Letters</i> , <b>2015</b> , 232, 333-9  | 4.4  | 25 |
| 65 | Sodium Iodide Symporter PET and BLI Noninvasively Reveal Mesoangioblast Survival in Dystrophic Mice. <i>Stem Cell Reports</i> , <b>2015</b> , 5, 1183-1195   | 8    | 15 |
| 64 | Nano-TiO <sub>2</sub> modulates the dermal sensitization potency of dinitrochlorobenzene after topical exposure. <i>British Journal of Dermatology</i> , <b>2015</b> , 172, 392-9  | 4    | 21 |
| 63 | Proteomic Alterations in B Lymphocytes of Sensitized Mice in a Model of Chemical-Induced Asthma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138791  | 3.7  | 1  |
| 62 | Toxicity of nanoparticles embedded in paints compared with pristine nanoparticles in mice. <i>Toxicological Sciences</i> , <b>2014</b> , 141, 132-40   | 4.4  | 58 |

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|----|---|------|----|
| 61 | Functional assessment of hyperoxia-induced lung injury after preterm birth in the rabbit. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L277-83                           | 5.8  | 26 |
| 60 | Biomarker discovery in asthma and COPD: Application of proteomics techniques in human and mice. <i>EuPA Open Proteomics</i> , <b>2014</b> , 4, 101-112  | 0.1  | 12 |
| 59 | Persistence of asthmatic response after ammonium persulfate-induced occupational asthma in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e109000   | 3.7  | 5  |
| 58 | Secreted frizzled related proteins inhibit fibrosis in vitro but appear redundant in vivo. <i>Fibrogenesis and Tissue Repair</i> , <b>2014</b> , 7, 14  |      | 15 |
| 57 | Smoking resumption after lung transplantation: standardised screening and importance for long-term outcome. <i>European Respiratory Journal</i> , <b>2014</b> , 43, 300-3   | 13.6 | 21 |
| 56 | The role of mast cells, interleukin-13 and transient receptor potential channels in a mouse model of chemical-induced airway hyperresponsiveness. <i>Clinical and Translational Allergy</i> , <b>2013</b> , 3, P31              | 5.2  | 78 |
| 55 | Allergic profile of Congolese individuals exposed to flour dust as compared with a non-exposed work group. <i>Clinical and Translational Allergy</i> , <b>2013</b> , 3, P9  | 5.2  | 78 |
| 54 | Sputum IL-5, IL-17A, IL-25-high pattern is associated with uncontrolled asthma and worse lung function. <i>Clinical and Translational Allergy</i> , <b>2013</b> , 3, O3   | 5.2  | 78 |
| 53 | Crucial role of transient receptor potential ankyrin 1 and mast cells in induction of nonallergic airway hyperreactivity in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 486-93 | 10.2 | 73 |
| 52 | Neutrophil and eosinophil granulocytes as key players in a mouse model of chemical-induced asthma. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 406-18  | 4.4  | 20 |
| 51 | Prior lung inflammation impacts on body distribution of gold nanoparticles. <i>BioMed Research International</i> , <b>2013</b> , 2013, 923475   | 3    | 15 |
| 50 | Sputum cytokine mapping reveals an 'IL-5, IL-17A, IL-25-high' pattern associated with poorly controlled asthma. <i>Clinical and Experimental Allergy</i> , <b>2013</b> , 43, 1009-17  | 4.1  | 57 |
| 49 | Definition and classification of asthma in the workplace <b>2013</b> , 15-19  |      | 1  |
| 48 | B-lymphocytes as key players in chemical-induced asthma. <i>PLoS ONE</i> , <b>2013</b> , 8, e83228  | 3.7  | 14 |
| 47 | Animal models <b>2013</b> , 57-72   |      |    |
| 46 | Pulmonary inflammation in mice with collagen-induced arthritis is conditioned by complete Freund's adjuvant and regulated by endogenous IFN- $\gamma$ <i>European Journal of Immunology</i> , <b>2012</b> , 42, 3223-34         | 6.1  | 19 |
| 45 | Proteome changes in auricular lymph nodes and serum after dermal sensitization to toluene diisocyanate in mice. <i>Proteomics</i> , <b>2012</b> , 12, 3548-58   | 4.8  | 7  |
| 44 | Nano-titanium dioxide modulates the dermal sensitization potency of DNCB. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 15  | 8.4  | 21 |

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| 43 | Contamination of nanoparticles by endotoxin: evaluation of different test methods. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 41   | 8.4  | 93  |
| 42 | Thrombogenic changes in young and old mice upon subchronic exposure to air pollution in an urban roadside tunnel. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 756-68                               | 7    | 24  |
| 41 | Interactions of nanomaterials with the immune system. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2012</b> , 4, 169-83  | 9.2  | 87  |
| 40 | Negative impact of occupational exposure on surgical outcome in patients with rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 67, 560-5                   | 9.3  | 36  |
| 39 | Changed gene expression in brains of mice exposed to traffic in a highway tunnel. <i>Inhalation Toxicology</i> , <b>2012</b> , 24, 676-86   | 2.7  | 36  |
| 38 | Quantification of lung fibrosis and emphysema in mice using automated micro-computed tomography. <i>PLoS ONE</i> , <b>2012</b> , 7, e43123  | 3.7  | 74  |
| 37 | Airway exposure to hypochlorite prior to ovalbumin induces airway hyperreactivity without evidence for allergic sensitization. <i>Toxicology Letters</i> , <b>2011</b> , 204, 101-7                           | 4.4  | 14  |
| 36 | Treatment with the TLR7 agonist R848 induces regulatory T-cell-mediated suppression of established asthma symptoms. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 1992-9                          | 6.1  | 43  |
| 35 | Successful transfer of chemical-induced asthma by adoptive transfer of low amounts of lymphocytes in a mouse model. <i>Toxicology</i> , <b>2011</b> , 279, 85-90  | 4.4  | 10  |
| 34 | Selective nasal allergen provocation induces substance P-mediated bronchial hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 44, 517-23                 | 5.7  | 31  |
| 33 | Epicutaneous immunotherapy using a new epicutaneous delivery system in mice sensitized to peanuts. <i>International Archives of Allergy and Immunology</i> , <b>2011</b> , 154, 299-309                       | 3.7  | 89  |
| 32 | Lung exposure to nanoparticles modulates an asthmatic response in a mouse model. <i>European Respiratory Journal</i> , <b>2011</b> , 37, 299-309  | 13.6 | 121 |
| 31 | The TLR7 agonist R848 alleviates allergic inflammation by targeting invariant NKT cells to produce IFN-gamma. <i>Journal of Immunology</i> , <b>2011</b> , 186, 284-90  | 5.3  | 49  |
| 30 | Repeated invasive lung function measurements in intubated mice: an approach for longitudinal lung research. <i>Laboratory Animals</i> , <b>2011</b> , 45, 81-9  | 2.6  | 32  |
| 29 | Staphylococcus aureus enterotoxin B facilitates allergic sensitization in experimental asthma. <i>Clinical and Experimental Allergy</i> , <b>2010</b> , 40, 1079-90   | 4.1  | 55  |
| 28 | Ammonium persulfate can initiate an asthmatic response in mice. <i>Thorax</i> , <b>2010</b> , 65, 252-7   | 7.3  | 29  |
| 27 | Noninvasive and invasive pulmonary function in mouse models of obstructive and restrictive respiratory diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2010</b> , 42, 96-104 | 5.7  | 229 |
| 26 | Proteome analysis of multiple compartments in a mouse model of chemical-induced asthma. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5868-76  | 5.6  | 12  |



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| 25 | Sensitization to inhaled ryegrass pollen by collateral priming in a murine model of allergic respiratory disease. <i>International Archives of Allergy and Immunology</i> , <b>2010</b> , 152, 233-42  | 3.7  | 7   |
| 24 | Mycobacterium bovis bacillus Calmette-Guérin killed by extended freeze-drying targets plasmacytoid dendritic cells to regulate lung inflammation. <i>Journal of Immunology</i> , <b>2010</b> , 184, 1062-70  | 5.3  | 28  |
| 23 | Mouse models to unravel the role of inhaled pollutants on allergic sensitization and airway inflammation. <i>Respiratory Research</i> , <b>2010</b> , 11, 7  | 7.3  | 67  |
| 22 | Choice of mouse strain influences the outcome in a mouse model of chemical-induced asthma. <i>PLoS ONE</i> , <b>2010</b> , 5, e12581   | 3.7  | 55  |
| 21 | Mechanisms of occupational asthma caused by low-molecular-weight chemicals <b>2010</b> , 141-162   |      | 3   |
| 20 | In vivo induction of type 1-like regulatory T cells using genetically modified B cells confers long-term IL-10-dependent antigen-specific unresponsiveness. <i>Journal of Immunology</i> , <b>2009</b> , 183, 8232-43                                      | 5.3  | 32  |
| 19 | Is toluene diamine a sensitizer and is there cross-reactivity between toluene diamine and toluene diisocyanate?. <i>Toxicological Sciences</i> , <b>2009</b> , 109, 256-64   | 4.4  | 8   |
| 18 | Oropharyngeal aspiration: an alternative route for challenging in a mouse model of chemical-induced asthma. <i>Toxicology</i> , <b>2009</b> , 259, 84-9  | 4.4  | 67  |
| 17 | Immunological determinants in a mouse model of chemical-induced asthma after multiple exposures. <i>Scandinavian Journal of Immunology</i> , <b>2009</b> , 70, 25-33   | 3.4  | 20  |
| 16 | Nicotine activates the chemosensory cation channel TRPA1. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 1293-9  | 25.5 | 186 |
| 15 | Assessment of the sensitization potential of persulfate salts used for bleaching hair. <i>Contact Dermatitis</i> , <b>2009</b> , 60, 85-90   | 2.7  | 24  |
| 14 | Multiple challenges in a mouse model of chemical-induced asthma lead to tolerance: ventilatory and inflammatory responses are blunted, immunologic humoral responses are not. <i>Toxicology</i> , <b>2009</b> , 257, 144-52                                | 4.4  | 20  |
| 13 | T-cell mediated late increase in bronchial tone after allergen provocation in a murine asthma model. <i>Clinical Immunology</i> , <b>2008</b> , 128, 248-58  | 9    | 8   |
| 12 | How long do the systemic and ventilatory responses to toluene diisocyanate persist in dermally sensitized mice?. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 456-463.e5   | 11.5 | 38  |
| 11 | Mycobacterium bovis BCG killed by extended freeze-drying reduces airway hyperresponsiveness in 2 animal models. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 471-8   | 11.5 | 19  |
| 10 | Co-cultures of multiple cell types mimic pulmonary cell communication in response to urban PM10. <i>European Respiratory Journal</i> , <b>2008</b> , 32, 1184-94   | 13.6 | 128 |
| 9  | Immunological determinants of ventilatory changes induced in mice by dermal sensitization and respiratory challenge with toluene diisocyanate. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2007</b> , 292, L207-14 | 5.8  | 61  |
| 8  | Strain-dependent acute lung injury after intra-tracheal administration of a 'refined' aniline-denatured rapeseed oil: a murine model of the toxic oil syndrome?. <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 2563-73                           | 4.7  | 2   |



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|---|---|------|-----|
| 7 | Reduced exercise capacity in a mouse model of asthma. <i>Thorax</i> , <b>2006</b> , 61, 736-7   | 7.3  | 8   |
| 6 | Validation of a mouse model of chemical-induced asthma using trimellitic anhydride, a respiratory sensitizer, and dinitrochlorobenzene, a dermal sensitizer. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 117, 1090-7        | 11.5 | 67  |
| 5 | Aggravation of bronchial eosinophilia in mice by nasal and bronchial exposure to <i>Staphylococcus aureus</i> enterotoxin B. <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 1063-71   | 4.1  | 56  |
| 4 | Haptoglobin dampens endotoxin-induced inflammatory effects both in vitro and in vivo. <i>Immunology</i> , <b>2005</b> , 114, 263-71   | 7.8  | 110 |
| 3 | Respiratory response to toluene diisocyanate depends on prior frequency and concentration of dermal sensitization in mice. <i>Toxicological Sciences</i> , <b>2004</b> , 80, 310-21   | 4.4  | 87  |
| 2 | Validity of methods to predict the respiratory sensitizing potential of chemicals: A study with a piperidinyll chlorotriazine derivative that caused an outbreak of occupational asthma. <i>Toxicological Sciences</i> , <b>2003</b> , 76, 338-46 | 4.4  | 33  |
| 1 | Kinetics of an intratracheally administered chromium catalyst in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 393-409   | 3.2  | 4   |