Justin M Hettick

List of Publications by Year
in descending order

15 papers	324 citations	1040056 9 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	355 citing authors

#	Article	IF	Citations
1	Haptenation: Chemical Reactivity and Protein Binding. Journal of Allergy, 2011, 2011, 1-11.	0.7	80
2	Oxidation of 2-Mercaptobenzothiazole in Latex Gloves and Its Possible Haptenation Pathway. Chemical Research in Toxicology, 2007, 20, 1084-1092.	3.3	31
3	A comparison of performance metrics for cloth masks as source control devices for simulated cough and exhalation aerosols. Aerosol Science and Technology, 2021, 55, 1125-1142.	3.1	31
4	Determination of the toluene diisocyanate binding sites on human serum albumin by tandem mass spectrometry. Analytical Biochemistry, 2011, 414, 232-238.	2.4	25
5	Topical application of the anti-microbial chemical triclosan induces immunomodulatory responses through the S100A8/A9-TLR4 pathway. Journal of Immunotoxicology, 2017, 14, 50-59.	1.7	23
6	A Murine Inhalation Model to Characterize Pulmonary Exposure to Dry Aspergillus fumigatus Conidia. PLoS ONE, 2014, 9, e109855.	2.5	23
7	Structural elucidation of isocyanate-peptide adducts using tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 2009, 20, 1567-1575.	2.8	22
8	Zinc diethyldithiocarbamate allergenicity: potential haptenation mechanisms. Contact Dermatitis, 2008, 59, 79-89.	1.4	19
9	Toluene Diisocyanate (TDI) Disposition and Co-Localization of Immune Cells in Hair Follicles. Toxicological Sciences, 2014, 140, 327-337.	3.1	17
10	Acute 4,4â€²-Methylene Diphenyl Diisocyanate Exposure-Mediated Downregulation of miR-206-3p and miR-381-3p Activates Inducible Nitric Oxide Synthase Transcription by Targeting Calcineurin/NFAT Signaling in Macrophages. Toxicological Sciences, 2020, 173, 100-113.	3.1	11
11	Characterization and comparative analysis of 2,4-toluene diisocyanate and 1,6-hexamethylene diisocyanate haptenated human serum albumin and hemoglobin. Journal of Immunological Methods, 2016, 431, 38-44.	1.4	10
12	Circulating miRs-183-5p, -206-3p and -381-3p may serve as novel biomarkers for 4,4â€™-methylene diphenyl diisocyanate exposure. Biomarkers, 2019, 24, 76-90.	1.9	9
13	Mass spectrometry-based analysis of murine bronchoalveolar lavage fluid following respiratory exposure to 4,4'-methylene diphenyl diisocyanate aerosol. Xenobiotica, 2018, 48, 626-636.	1.1	7
14	The influence of diisocyanate antigen preparation methodology on monoclonal and serum antibody recognition. Journal of Occupational and Environmental Hygiene, 2016, 13, 829-839.	1.0	5
15	MicroRNA-mediated calcineurin signaling activation induces CCL2, CCL3, CCL5, IL8, and chemotactic activities in 4,4â€²-methylene diphenyl diisocyanate exposed macrophages. Xenobiotica, 2021, 51, 1436-1452.	1.1	4