

# Heather J Avens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2003763/publications.pdf>

Version: 2024-02-01

15  
papers

478  
citations

759055

12  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of BTEX groundwater concentrations from surface spills associated with hydraulic fracturing operations. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 424-432.	0.9	142
2	Landfill waste and recycling: Use of a screening-level risk assessment tool for end-of-life cadmium telluride (CdTe) thin-film photovoltaic (PV) panels. <i>Energy Policy</i> , 2014, 68, 524-533.	4.2	72
3	Mechanism of cyclic dye regeneration during eosin-sensitized photoinitiation in the presence of polymerization inhibitors. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6083-6094.	2.5	61
4	Polymerization behavior and polymer properties of eosin-mediated surface modification reactions. <i>Polymer</i> , 2008, 49, 4762-4768.	1.8	37
5	Development of fluorescent polymerization-based signal amplification for sensitive and non-enzymatic biodetection in antibody microarrays. <i>Acta Biomaterialia</i> , 2010, 6, 83-89.	4.1	31
6	Quantitative evaluation of oligonucleotide surface concentrations using polymerization-based amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 167-175.	1.9	24
7	Sensitive Immunofluorescent Staining of Cells via Generation of Fluorescent Nanoscale Polymer Films in Response to Biorecognition. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 76-87.	1.3	22
8	Analysis and Modeling of Airborne BTEX Concentrations from the Deepwater Horizon Oil Spill. <i>Environmental Science &amp; Technology</i> , 2011, 45, 7372-7379.	4.6	19
9	Estimation of Hand-to-Mouth Transfer Efficiency of Lead. <i>Annals of Occupational Hygiene</i> , 2015, 59, 210-20.	1.9	18
10	Fluorescent polymeric nanocomposite films generated by surface-mediated photoinitiation of polymerization. <i>Journal of Nanoparticle Research</i> , 2011, 13, 331-346.	0.8	16
11	Direct Visualization of Cystic Fibrosis Transmembrane Regulator Mutations in the Clinical Laboratory Setting. <i>Clinical Chemistry</i> , 2004, 50, 836-845.	1.5	12
12	Characterization of the Assaying Methods in Polymerization-Based Amplification of Surface Biomarkers. <i>Australian Journal of Chemistry</i> , 2009, 62, 877.	0.5	12
13	Airborne asbestos take-home exposures during handling of chrysotile-contaminated clothing following simulated full shift workplace exposures. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 48-62.	1.8	10
14	Evaluation of Airborne Asbestos Concentrations Associated with the Operation and Maintenance of Brakes and Clutches on Nonautomated Heavy Equipment. <i>Journal of Environmental and Public Health</i> , 2022, 2022, 1-17.	0.4	2
15	Characterization of airborne BTEX exposures during use of lawnmowers and trimmers. <i>Archives of Environmental and Occupational Health</i> , 2019, 74, 197-205.	0.7	0