

# Elias P Rosen

## List of Publications by Year in descending order

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33  
papers

997  
citations

516710

16  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary organic aerosol formation from xylenes and mixtures of toluene and xylenes in an atmospheric urban hydrocarbon mixture: Water and particle seed effects (II). <i>Atmospheric Environment</i> , 2011, 45, 3882-3890.	4.1	108
2	Secondary organic aerosol formation from toluene in an atmospheric hydrocarbon mixture: Water and particle seed effects. <i>Atmospheric Environment</i> , 2011, 45, 2324-2334.	4.1	96
3	The reactive oxidant potential of different types of aged atmospheric particles: An outdoor chamber study. <i>Atmospheric Environment</i> , 2011, 45, 3848-3855.	4.1	90
4	scRNA-seq in medulloblastoma shows cellular heterogeneity and lineage expansion support resistance to SHH inhibitor therapy. <i>Nature Communications</i> , 2019, 10, 5829.	12.8	77
5	Mass Spectrometry Imaging Reveals Heterogeneous Efavirenz Distribution within Putative HIV Reservoirs. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2944-2948.	3.2	67
6	Quantitative mass spectrometry imaging of emtricitabine in cervical tissue model using infrared matrix-assisted laser desorption electrospray ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2073-2084.	3.7	66
7	Simian Immunodeficiency Virus Persistence in Cellular and Anatomic Reservoirs in Antiretroviral Therapy-Suppressed Infant Rhesus Macaques. <i>Journal of Virology</i> , 2018, 92, .	3.4	49
8	Structure of submonolayer oleic acid coverages on inorganic aerosol particles: evidence of island formation. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 3156.	2.8	46
9	Analysis of Antiretrovirals in Single Hair Strands for Evaluation of Drug Adherence with Infrared-Matrix-Assisted Laser Desorption Electrospray Ionization Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 1336-1344.	6.5	40
10	Heterogeneous antiretroviral drug distribution and HIV/SHIV detection in the gut of three species. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	38
11	Poly(2-oxazoline) nanoparticle delivery enhances the therapeutic potential of vismodegib for medulloblastoma by improving CNS pharmacokinetics and reducing systemic toxicity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102345.	3.3	32
12	Drug-Dependent Morphological Transitions in Spherical and Worm-Like Polymeric Micelles Define Stability and Pharmacological Performance of Micellar Drugs. <i>Small</i> , 2022, 18, e2103552.	10.0	31
13	Antiretroviral concentrations and surrogate measures of efficacy in the brain tissue and CSF of preclinical species. <i>Xenobiotica</i> , 2019, 49, 1192-1201.	1.1	30
14	Ozonolysis of Oleic Acid Adsorbed to Polar and Nonpolar Aerosol Particles. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10315-10324.	2.5	29
15	Influence of Desorption Conditions on Analyte Sensitivity and Internal Energy in Discrete Tissue or Whole Body Imaging by IR-MALDESI. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 899-910.	2.8	22
16	Evaluation of Digital Image Recognition Methods for Mass Spectrometry Imaging Data Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 2467-2470.	2.8	18
17	Influence of C-Trap Ion Accumulation Time on the Detectability of Analytes in IR-MALDESI MSI. <i>Analytical Chemistry</i> , 2015, 87, 10483-10490.	6.5	17
18	Infrared Matrix-Assisted Laser Desorption Electrospray Ionization Mass Spectrometry Imaging of Human Hair to Characterize Longitudinal Profiles of the Antiretroviral Maraviroc for Adherence Monitoring. <i>Analytical Chemistry</i> , 2019, 91, 10816-10822.	6.5	17

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19	A new gas-phase condensed mechanism of isoprene-NOx photooxidation. Atmospheric Environment, 2011, 45, 4507-4521.	4.1	15
20	Antiretroviral Penetration across Three Preclinical Animal Models and Humans in Eight Putative HIV Viral Reservoirs. Antimicrobial Agents and Chemotherapy, 2019, 64, .	3.2	15
21	Fast response cavity enhanced ozone monitor. Atmospheric Measurement Techniques, 2013, 6, 487-494.	3.1	14
22	Patient and clinician perspectives on optimizing graphical displays of longitudinal medication adherence data. Patient Education and Counseling, 2019, 102, 1090-1097.	2.2	13
23	Using Real-Time Adherence Feedback to Enhance Communication About Adherence to Antiretroviral Therapy: Patient and Clinician Perspectives. Journal of the Association of Nurses in AIDS Care, 2020, 31, 25-34.	1.0	11
24	SO2 oxidation and nucleation studies at near-atmospheric conditions in outdoor smog chamber. Environmental Chemistry, 2013, 10, 210.	1.5	10
25	Application of a Scavenger Receptor A1-Targeted Polymeric Prodrug Platform for Lymphatic Drug Delivery in HIV. Molecular Pharmaceutics, 2020, 17, 3794-3812.	4.6	9
26	Antiretroviral drug exposure in lymph nodes is heterogeneous and drug dependent. Journal of the International AIDS Society, 2022, 25, e25895.	3.0	8
27	Mass Spectroscopy Imaging of Hair Strands Captures Short-Term and Long-Term Changes in Emtricitabine Adherence. Antimicrobial Agents and Chemotherapy, 2022, 66, e0217621.	3.2	7
28	Virological and Immunological Responses to Raltegravir and Dolutegravir in the Gut-Associated Lymphoid Tissue of HIV-Infected Men and Women. Antiviral Therapy, 2018, 23, 495-504.	1.0	6
29	Influence of hair treatments on detection of antiretrovirals by mass spectrometry imaging. Analyst, The, 2020, 145, 4540-4550.	3.5	6
30	Quantitative Imaging Analysis of the Spatial Relationship between Antiretrovirals, Reverse Transcriptase Simian-Human Immunodeficiency Virus RNA, and Collagen in the Mesenteric Lymph Nodes of Nonhuman Primates. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	6
31	Ultra-high resolution and long scan depth optical coherence tomography with full-phase detection for imaging the ocular surface. Clinical Ophthalmology, 2013, 7, 1623.	1.8	2
32	SCIDOT-03. HYPERLOADED POLY(2-OXAZOLINE) MICELLES AS PERSONALIZED DRUG CARRIERS FOR BRAIN TUMORS. Neuro-Oncology, 2019, 21, vi272-vi273.	1.2	1
33	The Role of Morphology on Aerosol Particle Reactivity. ACS Symposium Series, 2009, , 13-29.	0.5	0