Sarah G Pati

List of Publications by Year
in descending order

15 papers	501 citations	840776 11 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	477 citing authors

#	Article	IF	Citations
1	Increased Use of Quaternary Ammonium Compounds during the SARS-CoV-2 Pandemic and Beyond: Consideration of Environmental Implications. Environmental Science and Technology Letters, 2020, 7, 622-631.	8.7	236
2	Comprehensive screening of quaternary ammonium surfactants and ionic liquids in wastewater effluents and lake sediments. Environmental Sciences: Processes and Impacts, 2020, 22, 430-441.	3.5	48
3	Carbon, Hydrogen, and Nitrogen Isotope Fractionation Associated with Oxidative Transformation of Substituted Aromatic N-Alkyl Amines. Environmental Science & Technology, 2012, 46, 7189-7198.	10.0	29
4	Carbon and Nitrogen Isotope Effects Associated with the Dioxygenation of Aniline and Diphenylamine. Environmental Science & Technology, 2012, 46, 11844-11853.	10.0	28
5	Substrate and Enzyme Specificity of the Kinetic Isotope Effects Associated with the Dioxygenation of Nitroaromatic Contaminants. Environmental Science & Technology, 2016, 50, 6708-6716.	10.0	27
6	Isotope Effects of Enzymatic Dioxygenation of Nitrobenzene and 2-Nitrotoluene by Nitrobenzene Dioxygenase. Environmental Science & Technology, 2014, 48, 10750-10759.	10.0	24
7	Photochemical Transformation of Four Ionic Liquid Cation Structures in Aqueous Solution. Environmental Science & Technology, 2017, 51, 11780-11787.	10.0	18
8	Exploring Trends of C and N Isotope Fractionation to Trace Transformation Reactions of Diclofenac in Natural and Engineered Systems. Environmental Science & Technology, 2016, 50, 10933-10942.	10.0	17
9	Enzyme Kinetics of Different Types of Flavin-Dependent Monooxygenases Determine the Observable Contaminant Stable Isotope Fractionation. Environmental Science and Technology Letters, 2015, 2, 329-334.	8.7	16
10	Reaction rates and product formation during advanced oxidation of ionic liquid cations by UV/peroxide, UV/persulfate, and UV/chlorine. Environmental Science: Water Research and Technology, 2018, 4, 1310-1320.	2.4	13
11	Isotope Effects as New Proxies for Organic Pollutant Transformation. Chimia, 2014, 68, 788.	0.6	12
12	Measurement of oxygen isotope ratios (¹⁸O/¹⁶O) of aqueous O₂ in small samples by gas chromatography/isotope ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 684-690.	1.5	11
13	Substrate-Specific Coupling of O₂ Activation to Hydroxylations of Aromatic Compounds by Rieske Non-heme Iron Dioxygenases. ACS Catalysis, 2022, 12, 6444-6456.	11.2	10
14	Characterization of Substrate, Cosubstrate, and Product Isotope Effects Associated With Enzymatic Oxygenations of Organic Compounds Based on Compound-Specific Isotope Analysis. Methods in Enzymology, 2017, 596, 291-329.	1.0	9
15	Managing argon interference during measurements of 18O/16O ratios in O2 by continuous-flow isotope ratio mass spectrometry. Analytical and Bioanalytical Chemistry, 2022, 414, 6177-6186.	3.7	3