

Shamayeeta Ray

List of Publications by Year in descending order

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6
papers

143
citations

1478505

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1872680

6
g-index

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7
docs citations

7
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Basis of Selective Aromatic Pollutant Sensing by the Effector Binding Domain of MopR, an NtrC Family Transcriptional Regulator. <i>ACS Chemical Biology</i> , 2016, 11, 2357-2365.	3.4	35
2	Design of Protein-Based Biosensors for Selective Detection of Benzene Groups of Pollutants. <i>ACS Sensors</i> , 2018, 3, 1632-1638.	7.8	27
3	Tunable Multiplexed Whole-Cell Biosensors as Environmental Diagnostics for ppb-Level Detection of Aromatic Pollutants. <i>ACS Sensors</i> , 2021, 6, 1933-1939.	7.8	26
4	Structure Guided Design of Protein Biosensors for Phenolic Pollutants. <i>ACS Sensors</i> , 2017, 2, 411-418.	7.8	25
5	Design of Ultrasensitive Protein Biosensor Strips for Selective Detection of Aromatic Contaminants in Environmental Wastewater. <i>Analytical Chemistry</i> , 2018, 90, 8960-8968.	6.5	17
6	Functional insights into the mode of DNA and ligand binding of the TetR family regulator TylP from <i>Streptomyces fradiae</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 15301-15311.	3.4	12