

# Sudhir K Shukla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6761101/publications.pdf>

Version: 2024-02-01

30  
papers

915  
citations

623188

14  
h-index

580395

25  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1044  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Biofilm-mediated bioremediation of polycyclic aromatic hydrocarbons: current status and future perspectives. , 2022, , 547-570.  |     | 3         |
| 2  | The role of S-layer protein (SlpA) in biofilm-formation of <i>Deinococcus radiodurans</i> . <i>Journal of Applied Microbiology</i> , 2022, 133, 796-807.   | 1.4 | 2         |
| 3  | Microbiological assessment of spent nuclear fuel pools: An in-perspective review. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108050.   | 3.3 | 8         |
| 4  | Kinetic modelling of the uranium biosorption by <i>Deinococcus radiodurans</i> biofilm. <i>Chemosphere</i> , 2021, 269, 128722.  | 4.2 | 33        |
| 5  | Microbial fouling in water treatment plants. , 2021, , 589-622.  |     | 5         |
| 6  | Biofilm extracellular polymeric substances-based bioremediation of radionuclides. , 2021, , 751-773.   |     | 5         |
| 7  | Biofilms: Naturally Immobilized Microbial Cell Factories. <i>Gels Horizons: From Science To Smart Materials</i> , 2021, , 535-555.   | 0.3 | 3         |
| 8  | Uranium bioremediation by acid phosphatase activity of <i>Staphylococcus aureus</i> biofilms: Can a foe turn a friend?. <i>Journal of Hazardous Materials</i> , 2020, 384, 121316.                             | 6.5 | 35        |
| 9  | Biosorption of Co-EDTA complex by <i>Aspergillus versicolor</i> SPF-1 strain isolated from solar salt pan. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103549.                             | 3.3 | 2         |
| 10 | Uranium sequestration by biofilm-forming bacteria isolated from marine sediment collected from Southern coastal region of India. <i>International Biodeterioration and Biodegradation</i> , 2019, 145, 104809. | 1.9 | 21        |
| 11 | A new uranium bioremediation approach using radio-tolerant <i>Deinococcus radiodurans</i> biofilm. <i>Journal of Biosciences</i> , 2019, 44, 1.  | 0.5 | 36        |
| 12 | Microbiota of spent nuclear fuel pool water with emphasis on their biofilm forming ability on stainless steel (SS-304L). <i>Journal of Biosciences</i> , 2019, 44, 1.  | 0.5 | 11        |
| 13 | Bioremediation Approaches for Persistent Organic Pollutants Using Microbial Biofilms. , 2019, , 179-206.   |     | 11        |
| 14 | Microbiota of spent nuclear fuel pool water with emphasis on their biofilm forming ability on stainless steel (SS-304L). <i>Journal of Biosciences</i> , 2019, 44, .   | 0.5 | 2         |
| 15 | A new uranium bioremediation approach using radio-tolerant <i>Deinococcus radiodurans</i> biofilm. <i>Journal of Biosciences</i> , 2019, 44, .   | 0.5 | 4         |
| 16 | Isolation and characterization of culturable bacteria present in the spent nuclear fuel pool water. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20518-20526.                               | 2.7 | 20        |
| 17 | <i>Staphylococcus aureus</i> biofilm removal by targeting biofilm-associated extracellular proteins. <i>Indian Journal of Medical Research</i> , 2017, 146, 1.   | 0.4 | 47        |
| 18 | Reduction of [Co(EDTA)] <sup>2+</sup> complex by a novel process using phototrophic granules: a step towards sustainable bioremediation. <i>RSC Advances</i> , 2016, 6, 43656-43662.                           | 1.7 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of biofilm parameters and extracellular polymeric substance composition on polycyclic aromatic hydrocarbon degradation. RSC Advances, 2016, 6, 57540-57551.  | 1.7 | 65        |
| 20 | Heterologous Expression and Purification of a 238 kDa Large Biofilm Associated Surface Protein (Bap) in Escherichia coli. Cloning & Transgenesis, 2016, 5, .  | 0.1 | 1         |
| 21 | A spectrophotometric method for the determination Co-EDTA complexes. International Journal of Applied Sciences and Biotechnology, 2015, 3, 584-587.   | 0.4 | 4         |
| 22 | Microbial reduction of [Co(III)â€“EDTA]âˆ” by Bacillus licheniformis SPB-2 strain isolated from a solar salt pan. Journal of Hazardous Materials, 2015, 283, 582-590.                                     | 6.5 | 24        |
| 23 | Biofilm-Mediated Bioremediation of Polycyclic Aromatic Hydrocarbons. , 2014, , 203-232.   |     | 53        |
| 24 | Differential Radio-Tolerance of Nutrition-Induced Morphotypes of Deinococcus radiodurans R1. Current Microbiology, 2014, 68, 247-253.   | 1.0 | 12        |
| 25 | Removal of toxic Co-EDTA complex by a halophilic solar-salt-pan isolate Pseudomonas aeruginosa SPB-1. Chemosphere, 2014, 95, 503-510.   | 4.2 | 21        |
| 26 | Phenotypic Switching in Biofilm-Forming Marine Bacterium Paenibacillus lautus NE3B01. Current Microbiology, 2014, 68, 648-656.  | 1.0 | 17        |
| 27 | Characterization of <i>Stenotrophomonas acidaminiphila</i> NCW-702 biofilm for implication in the degradation of polycyclic aromatic hydrocarbons. Journal of Applied Microbiology, 2014, 117, 1012-1024. | 1.4 | 101       |
| 28 | Calcium-mediated modulation of Pseudomonas mendocina NR802 biofilm influences the phenanthrene degradation. Colloids and Surfaces B: Biointerfaces, 2014, 114, 301-309.                                   | 2.5 | 103       |
| 29 | Effect of calcium on Staphylococcus aureus biofilm architecture: A confocal laser scanning microscopic study. Colloids and Surfaces B: Biointerfaces, 2013, 103, 448-454.                                 | 2.5 | 82        |
| 30 | Dispersal of Bap-mediated Staphylococcus aureus biofilm by proteinase K. Journal of Antibiotics, 2013, 66, 55-60.   | 1.0 | 101       |