

# Shireen Kotay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7602236/publications.pdf>

Version: 2024-02-01

27  
papers

1,727  
citations

516561

16  
h-index

580701

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2116  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Supplemental nutrients stimulate the amplification of carbapenemase-producing <i>Klebsiella pneumoniae</i> (CPKP) in a sink drain <i>in vitro</i> biofilm reactor model. <i>Biofouling</i> , 2021, 37, 465-480.  | 0.8 | 2         |
| 2  | Colonization of carbapenem-resistant <i>Klebsiella pneumoniae</i> in a sink-drain model biofilm system. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1-9.  | 1.0 | 5         |
| 3  | Nutrients influence the dynamics of <i>Klebsiella pneumoniae</i> carbapenemase producing enterobacteriales in transplanted hospital sinks. <i>Water Research</i> , 2020, 176, 115707.  | 5.3 | 17        |
| 4  | The Role of <i>fosA</i> in Challenges with Fosfomycin Susceptibility Testing of Multispecies <i>Klebsiella pneumoniae</i> Carbapenemase-Producing Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2019, 57, .   | 1.8 | 26        |
| 5  | Use of a cohorting-unit and systematic surveillance cultures to control a <i>Klebsiella pneumoniae</i> carbapenemase (KPC)-producing Enterobacteriaceae outbreak. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 767-773.                            | 1.0 | 5         |
| 6  | <i>Klebsiella quasipneumoniae</i> Provides a Window into Carbapenemase Gene Transfer, Plasmid Rearrangements, and Patient Interactions with the Hospital Environment. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .                                     | 1.4 | 44        |
| 7  | Intensive Care Unit Wastewater Interventions to Prevent Transmission of Multispecies <i>Klebsiella pneumoniae</i> Carbapenemase-Producing Organisms. <i>Clinical Infectious Diseases</i> , 2018, 67, 171-178.  | 2.9 | 74        |
| 8  | Spread from the Sink to the Patient: <i>In Situ</i> Study Using Green Fluorescent Protein (GFP)-Expressing <i>Escherichia coli</i> To Model Bacterial Dispersion from Hand-Washing Sink-Trap Reservoirs. <i>Applied and Environmental Microbiology</i> , 2017, 83, . | 1.4 | 120       |
| 9  | The Hospital Water Environment as a Reservoir for Carbapenem-Resistant Organisms Causing Hospital-Acquired Infections—A Systematic Review of the Literature. <i>Clinical Infectious Diseases</i> , 2017, 64, 1435-1444.  | 2.9 | 242       |
| 10 | Carbon mass balance and microbial ecology in a laboratory scale reactor achieving simultaneous sludge reduction and nutrient removal. <i>Water Research</i> , 2014, 53, 153-167.   | 5.3 | 21        |
| 11 | Anaerobic ammonia oxidation (ANAMMOX) for side-stream treatment of anaerobic digester filtrate process performance and microbiology. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1180-1192.   | 1.7 | 45        |
| 12 | Novel Applications of Molecular Biological and Microscopic Tools in Environmental Engineering. <i>Water Environment Research</i> , 2013, 85, 917-950.  | 1.3 | 6         |
| 13 | Molecular Biological Methods in Environmental Engineering. <i>Water Environment Research</i> , 2011, 83, 927-955.  | 1.3 | 7         |
| 14 | Biocontrol of biomass bulking caused by <i>Haliscomenobacter hydrossis</i> using a newly isolated lytic bacteriophage. <i>Water Research</i> , 2011, 45, 694-704.  | 5.3 | 80        |
| 15 | Feasibility Study on Biocontrol of Membrane Biofouling using Lytic Bacteriophages. <i>Proceedings of the Water Environment Federation</i> , 2011, 2011, 4984-4988.   | 0.0 | 0         |
| 16 | Seasonal variations of nitrifying community in trickling filter-solids contact (TF/SC) activated sludge systems. <i>Bioresource Technology</i> , 2011, 102, 2272-2279.   | 4.8 | 10        |
| 17 | Improvement of biohydrogen production by <i>Enterobacter cloacae</i> IIT-BT 08 under regulated pH. <i>Journal of Biotechnology</i> , 2011, 152, 9-15.  | 1.9 | 87        |
| 18 | Bacteriophage-based biocontrol of biological sludge bulking in wastewater. <i>Bioengineered Bugs</i> , 2011, 2, 214-217.   | 2.0 | 31        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Phage Therapy for Sludge Bulking Using a Novel Bacteriophage Infecting Filamentous Bacterium, &lt;l&gt;Sphaerotilus Natans&lt;/l&gt;. Proceedings of the Water Environment Federation, 2010, 2010, 5586-5594.             | 0.0 | 2         |
| 20 | Microbial hydrogen production from sewage sludge bioaugmented with a constructed microbial consortium. International Journal of Hydrogen Energy, 2010, 35, 10653-10659.   | 3.8 | 38        |
| 21 | Various physico-chemical stress factors cause prophage induction in Nitrosospira multiformis 25196-an ammonia oxidizing bacteria. Water Research, 2010, 44, 4550-4558.  | 5.3 | 55        |
| 22 | A strict anaerobic extreme thermophilic hydrogen-producing culture enriched from digested household waste. Journal of Applied Microbiology, 2009, 106, 1041-1049.   | 1.4 | 10        |
| 23 | Isolation and evaluation of a high H <sub>2</sub> -producing lab isolate from cow dung. International Journal of Hydrogen Energy, 2009, 34, 7483-7488.  | 3.8 | 16        |
| 24 | Novel dark fermentation involving bioaugmentation with constructed bacterial consortium for enhanced biohydrogen production from pretreated sewage sludge. International Journal of Hydrogen Energy, 2009, 34, 7489-7496. | 3.8 | 75        |
| 25 | Dynamics of Bacteriophages in Biological Nutrient Removing Activated Sludge Processes-correlating Viral Abundance with Performance. Proceedings of the Water Environment Federation, 2009, 2009, 4072-4079.               | 0.0 | 0         |
| 26 | Biohydrogen as a renewable energy resourceâ€”Prospects and potentials. International Journal of Hydrogen Energy, 2008, 33, 258-263.   | 3.8 | 533       |
| 27 | Microbial hydrogen production with Bacillus coagulans IIT-BT S1 isolated from anaerobic sewage sludge. Bioresource Technology, 2007, 98, 1183-1190.   | 4.8 | 176       |