# Tagbo H R Niepa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3841106/publications.pdf

Version: 2024-02-01

| 22 | 543 | 933447 10 | 752698 20 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 909 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Controlling Microbial Dynamics through Selective Solute Transport across Functional Nanocultures. ACS Applied Polymer Materials, 2022, 4, 2999-3012. | 4.4 | 1 |
| 2 | Mucoid Coating Provides a Growth Advantage to Pseudomonas aeruginosa at Oilâ€“Water Interfaces. ACS Applied Bio Materials, 2022, 5, 1868-1878. | 4.6 | 2 |
| 3 | Droplet-based microsystems as novel assessment tools for oral microbial dynamics. Biotechnology Advances, 2022, 55, 107903. | 11.7 | 2 |
| 4 | Design of a well-defined poly(dimethylsiloxane)-based microbial nanoculture system. Materials Today Communications, 2021, 27, 102185. | 1.9 | 2 |
| 5 | Assessing the performance of wax-based microsorbents for oil remediation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127227. | 4.7 | 3 |
| 6 | Micro-Technologies for Assessing Microbial Dynamics in Controlled Environments. Frontiers in Microbiology, 2021, 12, 745835. | 3.5 | 3 |
| 7 | Material properties of interfacial films of mucoid and nonmucoid Pseudomonas aeruginosa isolates. Acta Biomaterialia, 2020, 118, 129-140. | 8.3 | 3 |
| 8 | Developing a Functional Poly(dimethylsiloxane)-Based Microbial Nanoculture System Using Dimethylallylamine. ACS Applied Materials & Interfaces, 2020, 12, 50581-50591. | 8.0 | 8 |
| 9 | Electrochemical Strategy for Eradicating Fluconazole-TolerantCandida albicansUsing Implantable Titanium. ACS Applied Materials & Interfaces, 2019, 11, 40997-41008. | 8.0 | 5 |
| 10 | Investigating the Mucoid Switch of Pseudomonas aeruginosa at Oil-Water Interfaces. Microscopy and Microanalysis, 2019, 25, 1128-1129. | 0.4 | 0 |
| 11 | Candida albicans stimulates Streptococcus mutans microcolony development via cross-kingdom biofilm-derived metabolites. Scientific Reports, 2017, 7, 41332. | 3.3 | 148 |
| 12 | Films of bacteria at interfaces. Advances in Colloid and Interface Science, 2017, 247, 561-572. | 14.7 | 52 |
| 13 | Films of Bacteria at Interfaces (FBI): Remodeling of Fluid Interfaces by Pseudomonas aeruginosa. Scientific Reports, 2017, 7, 17864. | 3.3 | 26 |
| 14 | Eradication of Pseudomonas aeruginosa cells by cathodic electrochemical currents delivered with graphite electrodes. Acta Biomaterialia, 2017, 50, 344-352. | 8.3 | 18 |
| 15 | Microbial Nanoculture as an Artificial Microniche. Scientific Reports, 2016, 6, 30578. | 3.3 | 30 |
| 16 | One-Step Generation of Cell-Encapsulating Compartments via Polyelectrolyte Complexation in an Aqueous Two Phase System. ACS Applied Materials & Interfaces, 2016, 8, 25603-25611. | 8.0 | 68 |
| 17 | An in-depth survey of the oil spill literature since 1968: Long term trends and changes since Deepwater Horizon. Marine Pollution Bulletin, 2016, 113, 371-379. | 5.0 | 71 |
| 18 | Synergy between tobramycin and trivalent chromium ion in electrochemical control of Pseudomonas aeruginosa. Acta Biomaterialia, 2016, 36, 286-295. | 8.3 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sensitizing Pseudomonas aeruginosa to antibiotics by electrochemical disruption of membrane functions. Biomaterials, 2016, 74, 267-279. | 11.4 | 27 |
| 20 | Controlling Pseudomonas aeruginosa persister cells by weak electrochemical currents and synergistic effects with tobramycin. Biomaterials, 2012, 33, 7356-7365. | 11.4 | 54 |
| 21 | Differential Gene Expression to Investigate the Effects of Low-level Electrochemical Currents on Bacillus subtilis. AMB Express, 2011, 1, 39. | 3.0 | 7 |
| 22 | Material Properties of Interfacial Films of Mucoid and Nonmucoid Pseudomonas Aeruginosa Isolates. SSRN Electronic Journal, 0, , . | 0.4 | 0 |