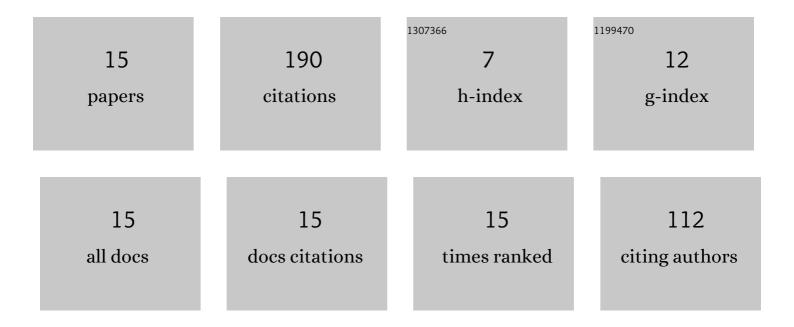
Brian Freeland

List of Publications by Year in descending order

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RDIAN FREELAND

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Review of Polylactic Acid as a Replacement Material for Single-Use Laboratory Components. Materials, 2022, 15, 2989. | 1.3 | 33 |
| 2 | Single-step functionalization of silicon nanoparticles providing efficient DNA binding. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129217. | 2.3 | 3 |
| 3 | Exopolysaccharides of Lactic Acid Bacteria: Production, Purification and Health Benefits towards Functional Food. Nutrients, 2022, 14, 2938. | 1.7 | 45 |
| 4 | Additive-free silver nanoparticle ink development using flow-based Laser Ablation Synthesis in Solution and Aerosol Jet printing. Chemical Engineering Journal, 2022, 449, 137817. | 6.6 | 13 |
| 5 | Electrochemical and chronoamperometry assessment of nano‑gold sensor surfaces produced via novel laser fabrication methods. Journal of Electroanalytical Chemistry, 2021, 880, 114813. | 1.9 | 2 |
| 6 | Real-time monitoring and control for high-efficiency autonomous laser fabrication of silicon nanoparticle colloids. International Journal of Advanced Manufacturing Technology, 2021, 114, 291-304. | 1.5 | 12 |
| 7 | Novel Strategy for the Calorimetry-Based Control of Fed-Batch Cultivations of Saccharomyces cerevisiae. Processes, 2021, 9, 723. | 1.3 | 4 |
| 8 | Control of Specific Growth Rate in Fed-Batch Bioprocesses: Novel Controller Design for Improved Noise Management. Processes, 2020, 8, 679. | 1.3 | 14 |
| 9 | Stable nano-silver colloid production via Laser Ablation Synthesis in Solution (LASiS) under laminar recirculatory flow. Advances in Materials and Processing Technologies, 2020, 6, 677-685. | 0.8 | 7 |
| 10 | High-efficiency generation of nanomaterials via laser ablation synthesis in solution with in-situ diagnostics for closed-loop control. , 2020, , . | | 1 |
| 11 | Advanced Characterisation Techniques for Nanostructures. , 2018, , 55-93. | | 2 |
| 12 | Application of Turbidity Meters for the Quantitative Analysis of Flocculation in a Jar Test Apparatus. Journal of Environmental Engineering, ASCE, 2015, 141, . | 0.7 | 8 |
| 13 | The Choice of Suitable Online Analytical Techniques and Data Processing for Monitoring of Bioprocesses. Advances in Biochemical Engineering/Biotechnology, 2012, 132, 249-280. | 0.6 | 13 |
| 14 | Investigation of the potential of biocalorimetry as a process analytical technology (PAT) tool for monitoring and control of Crabtree-negative yeast cultures. Applied Microbiology and Biotechnology, 2012, 93, 575-584. | 1.7 | 33 |
| 15 | Fed-Batch System for Propagation of Brewer's Yeast. Journal of the American Society of Brewing Chemists, 0, , 1-11. | 0.8 | 0 |