

Rohan M Shah

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

753
citations

623188

14
h-index

525886

27
g-index

34
all docs

34
docs citations

34
times ranked

1160
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inhibitory activity of yarrow essential oil on <i>Listeria</i> planktonic cells and biofilms. <i>Food Control</i> , 2013, 29, 125-130. | 2.8 | 151 |
| 2 | Physicochemical characterization of solid lipid nanoparticles (SLNs) prepared by a novel microemulsion technique. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 286-294. | 5.0 | 98 |
| 3 | Lipid Nanoparticles: Production, Characterization and Stability. <i>SpringerBriefs in Pharmaceutical Science & Drug Development</i> , 2015, , . | 0.4 | 57 |
| 4 | Transport of stearic acid-based solid lipid nanoparticles (SLNs) into human epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 204-212. | 2.5 | 46 |
| 5 | Detection of Foodborne Pathogens Using Proteomics and Metabolomics-Based Approaches. <i>Frontiers in Microbiology</i> , 2018, 9, 3132. | 1.5 | 40 |
| 6 | Pharmacological Properties of Guggulsterones, the Major Active Components of Gum Guggul. <i>Phytotherapy Research</i> , 2012, 26, 1594-1605. | 2.8 | 37 |
| 7 | Microwave-assisted formulation of solid lipid nanoparticles loaded with non-steroidal anti-inflammatory drugs. <i>International Journal of Pharmaceutics</i> , 2016, 515, 543-554. | 2.6 | 34 |
| 8 | Microwave-assisted microemulsion technique for production of miconazole nitrate- and econazole nitrate-loaded solid lipid nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 141-150. | 2.0 | 34 |
| 9 | Encapsulation of clotrimazole into solid lipid nanoparticles by microwave-assisted microemulsion technique. <i>Applied Materials Today</i> , 2016, 5, 118-127. | 2.3 | 25 |
| 10 | Structure of solid lipid nanoparticles produced by a microwave-assisted microemulsion technique. <i>RSC Advances</i> , 2016, 6, 36803-36810. | 1.7 | 21 |
| 11 | Metabolic contribution to salinity stress response in grains of two barley cultivars with contrasting salt tolerance. <i>Environmental and Experimental Botany</i> , 2020, 179, 104229. | 2.0 | 21 |
| 12 | Structure Analysis of Solid Lipid Nanoparticles for Drug Delivery: A Combined USANS/SANS Study. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800359. | 1.2 | 20 |
| 13 | Cryptosporidiosis Modulates the Gut Microbiome and Metabolism in a Murine Infection Model. <i>Metabolites</i> , 2021, 11, 380. | 1.3 | 20 |
| 14 | Metabolic Profiling from an Asymptomatic Ferret Model of SARS-CoV-2 Infection. <i>Metabolites</i> , 2021, 11, 327. | 1.3 | 19 |
| 15 | Functional analysis of pristine estuarine marine sediments. <i>Science of the Total Environment</i> , 2021, 781, 146526. | 3.9 | 16 |
| 16 | An Integrated Multi-Disciplinary Perspective for Addressing Challenges of the Human Gut Microbiome. <i>Metabolites</i> , 2020, 10, 94. | 1.3 | 13 |
| 17 | Is there any biological insight (or respite) for insects exposed to plastics? Measuring the impact on an insects central carbon metabolism when exposed to a plastic feed substrate. <i>Science of the Total Environment</i> , 2022, 831, 154840. | 3.9 | 12 |
| 18 | Influence of Human Activities on Broad-Scale Estuarine-Marine Habitats Using Omics-Based Approaches Applied to Marine Sediments. <i>Microorganisms</i> , 2019, 7, 419. | 1.6 | 11 |

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|----|---|-----|-----------|
| 19 | Physicochemical Stability. SpringerBriefs in Pharmaceutical Science & Drug Development, 2015, , 75-97. | 0.4 | 10 |
| 20 | Identification of Putative Biomarkers Specific to Foodborne Pathogens Using Metabolomics. Methods in Molecular Biology, 2019, 1918, 149-164. | 0.4 | 9 |
| 21 | Stability mechanisms for microwave-produced solid lipid nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 643, 128774. | 2.3 | 9 |
| 22 | Omics-based ecosurveillance uncovers the influence of estuarine macrophytes on sediment microbial function and metabolic redundancy in a tropical ecosystem. Science of the Total Environment, 2022, 809, 151175. | 3.9 | 8 |
| 23 | Effect of pH and electrolytes on the colloidal stability of stearic acid-based lipid nanoparticles. Journal of Nanoparticle Research, 2018, 20, 1. | 0.8 | 7 |
| 24 | Characterization. SpringerBriefs in Pharmaceutical Science & Drug Development, 2015, , 45-74. | 0.4 | 6 |
| 25 | Plasma Metabolic and Lipidomic Fingerprinting of Individuals with Increased Intestinal Permeability. Metabolites, 2022, 12, 302. | 1.3 | 6 |
| 26 | MALDI-ToF MS: A Rapid Methodology for Identifying and Subtyping Listeria monocytogenes. Methods in Molecular Biology, 2021, 2220, 17-29. | 0.4 | 5 |
| 27 | Structural aspects of a self-emulsifying multifunctional amphiphilic excipient: Part II. The case of Cremophor EL. Journal of Molecular Liquids, 2021, 344, 117881. | 2.3 | 5 |
| 28 | Physicochemical properties and microbial safety of reduced-sugar chocolate-flavored milk. Journal of Food Processing and Preservation, 2022, 46, . | 0.9 | 5 |
| 29 | Structural aspects of a self-emulsifying multifunctional amphiphilic excipient: Part I. The case of Gelucire® 44/14. Journal of Molecular Liquids, 2021, 340, 117172. | 2.3 | 2 |
| 30 | Production Techniques. SpringerBriefs in Pharmaceutical Science & Drug Development, 2015, , 23-43. | 0.4 | 2 |
| 31 | Utilizing the Food-Pathogen Metabolome to Putatively Identify Biomarkers for the Detection of Shiga Toxin-Producing E. coli (STEC) from Spinach. Metabolites, 2021, 11, 67. | 1.3 | 0 |
| 32 | Establishing a regional microbial blueprint of metabolic function in sediment collected from pristine tropical estuarine systems. , 2022, , 337-357. | | 0 |