

# 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	Omics-based ecosurveillance uncovers the influence of estuarine macrophytes on sediment microbial function and metabolic redundancy in a tropical ecosystem. <i>Science of the Total Environment</i> , 2022, 809, 151175.	3.9	8
2	Physicochemical properties and microbial safety of reducedâ€sugar chocolateâ€flavored milk. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	0.9	5
3	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
4	Plasma Metabolic and Lipidomic Fingerprinting of Individuals with Increased Intestinal Permeability. <i>Metabolites</i> , 2022, 12, 302.	1.3	6
5	Stability mechanisms for microwave-produced solid lipid nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 643, 128774.	2.3	9
6	Establishing a regional microbial blueprint of metabolic function in sediment collected from pristine tropical estuarine systems. , 2022, , 337-357.		0
7	Metabolic Profiling from an Asymptomatic Ferret Model of SARS-CoV-2 Infection. <i>Metabolites</i> , 2021, 11, 327.	1.3	19
8	Cryptosporidiosis Modulates the Gut Microbiome and Metabolism in a Murine Infection Model. <i>Metabolites</i> , 2021, 11, 380.	1.3	20
9	Functional analysis of pristine estuarine marine sediments. <i>Science of the Total Environment</i> , 2021, 781, 146526.	3.9	16
10	Structural aspects of a self-emulsifying multifunctional amphiphilic excipient: Part I. The case of Gelucire® 44/14. <i>Journal of Molecular Liquids</i> , 2021, 340, 117172.	2.3	2
11	Utilizing the Foodâ€Pathogen Metabolome to Putatively Identify Biomarkers for the Detection of Shiga Toxin-Producing E. coli (STEC) from Spinach. <i>Metabolites</i> , 2021, 11, 67.	1.3	0
12	MALDI-ToF MS: A Rapid Methodology for Identifying and Subtyping <i>Listeria monocytogenes</i> . <i>Methods in Molecular Biology</i> , 2021, 2220, 17-29.	0.4	5
13	Structural aspects of a self-emulsifying multifunctional amphiphilic excipient: Part II. The case of Cremophor EL. <i>Journal of Molecular Liquids</i> , 2021, 344, 117881.	2.3	5
14	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
15	An Integrated Multi-Disciplinary Perspective for Addressing Challenges of the Human Gut Microbiome. <i>Metabolites</i> , 2020, 10, 94.	1.3	13
16	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
17	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
18	Identification of Putative Biomarkers Specific to Foodborne Pathogens Using Metabolomics. <i>Methods in Molecular Biology</i> , 2019, 1918, 149-164.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Detection of Foodborne Pathogens Using Proteomics and Metabolomics-Based Approaches. <i>Frontiers in Microbiology</i> , 2018, 9, 3132.	1.5	40
20	Effect of pH and electrolytes on the colloidal stability of stearic acid-based lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	7
21	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
22	Structure of solid lipid nanoparticles produced by a microwave-assisted microemulsion technique. <i>RSC Advances</i> , 2016, 6, 36803-36810.	1.7	21
23	Encapsulation of clotrimazole into solid lipid nanoparticles by microwave-assisted microemulsion technique. <i>Applied Materials Today</i> , 2016, 5, 118-127.	2.3	25
24	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
25	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
26	Characterization. <i>SpringerBriefs in Pharmaceutical Science &amp; Drug Development</i> , 2015, , 45-74.	0.4	6
27	Lipid Nanoparticles: Production, Characterization and Stability. <i>SpringerBriefs in Pharmaceutical Science &amp; Drug Development</i> , 2015, , .	0.4	57
28	Production Techniques. <i>SpringerBriefs in Pharmaceutical Science &amp; Drug Development</i> , 2015, , 23-43.	0.4	2
29	Physicochemical Stability. <i>SpringerBriefs in Pharmaceutical Science &amp; Drug Development</i> , 2015, , 75-97.	0.4	10
30	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
31	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
32	Pharmacological Properties of Guggulsterones, the Major Active Components of Gum Guggul. <i>Phytotherapy Research</i> , 2012, 26, 1594-1605.	2.8	37