

# Rekha Rao

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,290  
citations

567144

15  
h-index

360920

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1569  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotherapeutics: An insight into healthcare and multi-dimensional applications in medical sector of the modern world. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1521-1537.	2.5	223
2	SLN and NLC for topical, dermal, and transdermal drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 357-377.	2.4	186
3	Essential oil-cyclodextrin complexes: an updated review. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2017, 89, 39-58.	0.9	103
4	Sonophoresis: recent advancements and future trends. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 689-705.	1.2	74
5	Encapsulation of Babchi Oil in Cyclodextrin-Based Nanosponges: Physicochemical Characterization, Photodegradation, and In Vitro Cytotoxicity Studies. <i>Pharmaceutics</i> , 2018, 10, 169.	2.0	67
6	Tea tree oil: a promising essential oil. <i>Journal of Essential Oil Research</i> , 2017, 29, 201-213.	1.3	62
7	Therapeutic Potential of Citronella Essential Oil: A Review. <i>Current Drug Discovery Technologies</i> , 2019, 16, 330-339.	0.6	61
8	Acetylcholinesterase Inhibitory Potential of Various Sesquiterpene Analogues for Alzheimer's Disease Therapy. <i>Biomolecules</i> , 2021, 11, 350.	1.8	55
9	Topical delivery of clobetasol propionate loaded nanosponge hydrogel for effective treatment of psoriasis: Formulation, physicochemical characterization, antipsoriatic potential and biochemical estimation. <i>Materials Science and Engineering C</i> , 2021, 119, 111605.	3.8	53
10	Encapsulation of babchi essential oil into microsponges: Physicochemical properties, cytotoxic evaluation and anti-microbial activity. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 60-70.	0.9	45
11	Microsponges for dermatological applications: Perspectives and challenges. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 273-291.	4.3	45
12	Enhanced anti-psoriatic efficacy and regulation of oxidative stress of a novel topical babchi oil ( <i>Psoralea corylifolia</i> ) cyclodextrin-based nanogel in a mouse tail model. <i>Journal of Microencapsulation</i> , 2019, 36, 140-155.	1.2	41
13	Novel Carriers for Coenzyme Q10 Delivery. <i>Current Drug Delivery</i> , 2016, 13, 1184-1204.	0.8	31
14	Analytical tools and evaluation strategies for nanostructured lipid carrier-based topical delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 963-992.	2.4	23
15	Analytical tools for cyclodextrin nanosponges in pharmaceutical field: a review. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 11-30.	0.9	21
16	Eudragit RS100 based microsponges for dermal delivery of clobetasol propionate in psoriasis management. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101347.	1.4	21
17	Enhancing efficacy and safety of azelaic acid via encapsulation in cyclodextrin nanosponges: development, characterization and evaluation. <i>Polymer Bulletin</i> , 2021, 78, 5275-5302.	1.7	16
18	Formulation and Characterization of Benzoyl Peroxide Gellified Emulsions. <i>Scientia Pharmaceutica</i> , 2012, 80, 1045-1060.	0.7	15

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19	Evaluation of solubility, photostability and antioxidant activity of ellagic acid cyclodextrin nanosponges fabricated by melt method and microwave-assisted synthesis. <i>Journal of Food Science and Technology</i> , 2022, 59, 898-908.	1.4	14
20	Nanostructured lipid carriers. , 2018, , 97-136.		13
21	Azelaic Acid: A Promising Agent for Dermatological Applications. <i>Current Drug Therapy</i> , 2020, 15, 181-193.	0.2	12
22	Natural Ergot Alkaloids in Ocular Pharmacotherapy: Known Molecules for Novel Nanoparticle-Based Delivery Systems. <i>Biomolecules</i> , 2020, 10, 980.	1.8	11
23	Cyclodextrin decorated nanosponges of sesamol: Antioxidant, anti-tyrosinase and photostability assessment. <i>Food Bioscience</i> , 2021, 42, 101098.	2.0	11
24	Novel Dermal Delivery Cargos of Clobetasol Propionate: An Update. <i>Pharmaceutics</i> , 2022, 14, 383.	2.0	11
25	Transdermal Innovations in Diabetes Management. <i>Current Diabetes Reviews</i> , 2015, 10, 343-359.	0.6	10
26	Cyclodextrin Nanosponges: A Promising Approach for Modulating Drug Delivery. , 0, , .		9
27	Virus-Host Interactions: New Insights and Advances in Drug Development Against Viral Pathogens. <i>Current Drug Metabolism</i> , 2018, 18, 942-970.	0.7	8
28	Novel Dithranol Loaded Cyclodextrin Nanosponges for Augmentation of Solubility, Photostability and Cytocompatibility. <i>Current Nanoscience</i> , 2021, 17, 747-761.	0.7	8
29	Enhanced protective potential of novel citronella essential oil micro sponge hydrogel against <i>Anopheles stephensi</i> mosquito. <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 61-69.	0.4	7
30	Dithranol: An Insight into its Novel Delivery Cargos for Psoriasis Management. <i>Current Drug Research Reviews</i> , 2021, 12, 82-96.	0.7	7
31	Emulgel based topical delivery system for loratadine. <i>ADMET and DMPK</i> , 2015, 2, .	1.1	5
32	Dapsone-Loaded Microsponge Gel for Acne Management: Preparation, Characterization and Anti-Microbial Activity. <i>Micro and Nanosystems</i> , 2021, 13, 211-222.	0.3	4
33	Development and Validation of UV Spectrophotometric Method for Quantitative Estimation of Clobetasol 17-Propionate. <i>Asian Journal of Chemistry and Pharmaceutical Sciences</i> , 2016, 1, 36.	0.0	4
34	Formulation and modification of physicochemical parameters of p-Coumaric acid by cyclodextrin nanosponges. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022, 102, 313-326.	0.9	4
35	Cyclodextrin Nanosponge Based Babchi Oil Hydrogel Ameliorates Imiquimod-induced Psoriasis in Swiss Mice: An Impact on Safety and Efficacy. <i>Micro and Nanosystems</i> , 2022, 14, 226-242.	0.3	3
36	Microsponge Based Gel of Tea Tree Oil for Dermatological Microbial Infections. <i>Natural Products Journal</i> , 2020, 10, 286-297.	0.1	3

#	ARTICLE	IF	CITATIONS
37	Ecofriendly Ethyl Cellulose Microsponges of Citronella Oil: Preparation, Characterization and Evaluation of Cytotoxicity and Larvicidal assay. Current Pharmaceutical Biotechnology, 2020, 21, 341-351.	0.9	2
38	Solid Lipid Nanoparticles in Drug Delivery for Skincare. , 2019, , 337-368.		2
39	Phytonanomedicines as Topical Alternatives for the Treatment of Skin Cancer. , 2020, , 403-432.		0
40	Biofate and cellular interactions of lipid nanoparticles. , 2022, , 211-246.		0