

# Pavan Muttil

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,483  
citations

304368

22  
h-index

315357

38  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhalable particles containing isoniazid and rifabutin as adjunct therapy for safe, efficacious and relapse-free cure of experimental animal tuberculosis in one month. <i>Tuberculosis</i> , 2021, 128, 102081.	0.8	8
2	Mixed Bacteriophage MS2-L2 VLPs Elicit Long-Lasting Protective Antibodies against HPV Pseudovirus 51. <i>Viruses</i> , 2021, 13, 1113.	1.5	6
3	Design and Optimization of a Temperature-Stable Dry Powder BCG Vaccine. <i>Pharmaceutical Research</i> , 2020, 37, 11.	1.7	22
4	Pyrazole-Based Lactate Dehydrogenase Inhibitors with Optimized Cell Activity and Pharmacokinetic Properties. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10984-11011.	2.9	30
5	Challenges Associated with the Pulmonary Delivery of Therapeutic Dry Powders for Preclinical Testing. <i>KONA Powder and Particle Journal</i> , 2019, 36, 129-144.	0.9	27
6	Toxic Effects of Particulate Matter Derived from Dust Samples Near the Dzhidinski Ore Processing Mill, Eastern Siberia, Russia. <i>Cardiovascular Toxicology</i> , 2019, 19, 401-411.	1.1	9
7	Evaluation of the thermal stability and the protective efficacy of spray-dried HPV vaccine, Gardasil® 9. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1995-2002.	1.4	20
8	Oral immunization with bacteriophage MS2-L2 VLPs protects against oral and genital infection with multiple HPV types associated with head & neck cancers and cervical cancer. <i>Antiviral Research</i> , 2019, 166, 56-65.	1.9	38
9	Targeted Delivery of Antibiotics Using Microparticles to Combat Multidrug-Resistant Tuberculosis. , 2019, , 441-457.		0
10	Respirable Uranyl-Vanadate-Containing Particulate Matter Derived From a Legacy Uranium Mine Site Exhibits Potentiated Cardiopulmonary Toxicity. <i>Toxicological Sciences</i> , 2018, 164, 101-114.	1.4	35
11	Respiratory Tract Deposition and Distribution Pattern of Microparticles in Mice Using Different Pulmonary Delivery Techniques. <i>Vaccines</i> , 2018, 6, 41.	2.1	15
12	Delivery of Therapeutics to the Lung. <i>Methods in Molecular Biology</i> , 2018, 1809, 415-429.	0.4	2
13	Pulmonary Delivery of Magnetically Targeted Nano-in-Microparticles. <i>Methods in Molecular Biology</i> , 2017, 1530, 369-378.	0.4	3
14	Characterization of a spray-dried candidate HPV L2-VLP vaccine stored for multiple years at room temperature. <i>Papillomavirus Research (Amsterdam, Netherlands)</i> , 2017, 3, 116-120.	4.5	23
15	A novel approach to study the pMDI plume using an infrared camera and to evaluate the aerodynamic properties after varying the time between actuations. <i>International Journal of Pharmaceutics</i> , 2017, 526, 41-49.	2.6	6
16	<i>In Vivo</i> Pulmonary Delivery and Magnetic-Targeting of Dry Powder Nano-in-Microparticles. <i>Molecular Pharmaceutics</i> , 2017, 14, 4741-4750.	2.3	48
17	Pharmacokinetics of Ethionamide Delivered in Spray-Dried Microparticles to the Lungs of Guinea Pigs. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 331-337.	1.6	21
18	Preparation and Characterization of Magnetic Nano-in-Microparticles for Pulmonary Delivery. <i>Methods in Molecular Biology</i> , 2017, 1530, 99-108.	0.4	4

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19	Longitudinal Assessment of Lung Cancer Progression in Mice Using the Sodium Iodide Symporter Reporter Gene and SPECT/CT Imaging. <i>PLoS ONE</i> , 2016, 11, e0169107.	1.1	7
20	Optimized Formulation of a Thermostable Spray-Dried Virus-Like Particle Vaccine against Human Papillomavirus. <i>Molecular Pharmaceutics</i> , 2016, 13, 1646-1655.	2.3	48
21	A stable live bacterial vaccine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 103, 109-117.	2.0	21
22	Oral Tolerance to Environmental Mycobacteria Interferes with Intradermal, but Not Pulmonary, Immunization against Tuberculosis. <i>PLoS Pathogens</i> , 2016, 12, e1005614.	2.1	29
23	Preclinical refinements of a broadly protective VLP-based HPV vaccine targeting the minor capsid protein, L2. <i>Vaccine</i> , 2015, 33, 3346-3353.	1.7	54
24	Spray-Dried Multiscale Nano-biocomposites Containing Living Cells. <i>ACS Nano</i> , 2015, 9, 6961-6977.	7.3	24
25	Preparation and Characterization of Novel Magnetic Nano-in-Microparticles for Site-Specific Pulmonary Drug Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 3574-3581.	2.3	42
26	Pharmacokinetics of Sequential Doses of Capreomycin Powder for Inhalation in Guinea Pigs. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2612-2618.	1.4	38
27	Isoxyl assays in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 60, 1-6.	1.4	5
28	Pulmonary immunization for TB with live cell-based vaccines: the importance of the delivery route. <i>Therapeutic Delivery</i> , 2011, 2, 1519-1522.	1.2	1
29	Inhalable microparticles modify cytokine secretion by lung macrophages of infected mice. <i>Tuberculosis</i> , 2011, 91, 107-110.	0.8	16
30	Immunization of Guinea Pigs with Novel Hepatitis B Antigen as Nanoparticle Aggregate Powders Administered by the Pulmonary Route. <i>AAPS Journal</i> , 2010, 12, 330-337.	2.2	68
31	Pulmonary Immunization Using Antigen 85-B Polymeric Microparticles to Boost Tuberculosis Immunity. <i>AAPS Journal</i> , 2010, 12, 338-347.	2.2	54
32	Pulmonary Immunization of Guinea Pigs with Diphtheria CRM-197 Antigen as Nanoparticle Aggregate Dry Powders Enhance Local and Systemic Immune Responses. <i>AAPS Journal</i> , 2010, 12, 699-707.	2.2	36
33	Microparticles induce variable levels of activation in macrophages infected with <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2010, 90, 188-196.	0.8	26
34	Dry Powder PA-824 Aerosols for Treatment of Tuberculosis in Guinea Pigs. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1436-1442.	1.4	72
35	Inhaled Drug Delivery for Tuberculosis Therapy. <i>Pharmaceutical Research</i> , 2009, 26, 2401-2416.	1.7	131
36	Screening for Potential Adjuvants Administered by the Pulmonary Route for Tuberculosis Vaccines. <i>AAPS Journal</i> , 2009, 11, 139-147.	2.2	28

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37	Inhalable microparticles containing isoniazid and rifabutin target macrophages and 'stimulate the phagocyte' to achieve high efficacy. Indian Journal of Experimental Biology, 2009, 47, 469-74.	0.5	20
38	A hand-held apparatus for 'nose-only' exposure of mice to inhalable microparticles as a dry powder inhalation targeting lung and airway macrophages. European Journal of Pharmaceutical Sciences, 2008, 34, 56-65.	1.9	60
39	Immunization by a bacterial aerosol. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4656-4660.	3.3	137
40	Uptake of inhalable microparticles affects defence responses of macrophages infected with Mycobacterium tuberculosis H37Ra. Journal of Antimicrobial Chemotherapy, 2007, 59, 499-506.	1.3	84
41	Inhalable microparticles containing large payload of anti-tuberculosis drugs. European Journal of Pharmaceutical Sciences, 2007, 32, 140-150.	1.9	160