

# Rajeev K Tyagi

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,566  
citations

331670

21  
h-index

315739

38  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transdermal Immunization of Elastic Liposome-Laden Recombinant Chimeric Fusion Protein of P. falciparum (PfMSP-Fu24) Mounts Protective Immune Response. <i>Nanomaterials</i> , 2021, 11, 406.	4.1	12
2	HLA-Restriction of Human Treg Cells Is Not Required for Therapeutic Efficacy of Low-Dose IL-2 in Humanized Mice. <i>Frontiers in Immunology</i> , 2021, 12, 630204.	4.8	12
3	Vaccine Development. , 2021, , 125-168.		0
4	Efficient in vitro and in vivo docetaxel delivery mediated by pH-sensitive LPHNPs for effective breast cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111760.	5.0	7
5	Translating Treg Therapy for Inflammatory Bowel Disease in Humanized Mice. <i>Cells</i> , 2021, 10, 1847.	4.1	24
6	Plasmodium falciparum infected humanized mice: a viable preclinical tool. <i>Immunotherapy</i> , 2021, 13, 1345-1353.	2.0	5
7	Nanostructured Lipid Carrierâ€‘Mediated Transdermal Delivery of Aceclofenac Hydrogel Present an Effective Therapeutic Approach for Inflammatory Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 713616.	3.5	31
8	Humanized mouse models of genetic immune disorders and hematological malignancies. <i>Biochemical Pharmacology</i> , 2020, 174, 113671.	4.4	5
9	933 INTERLEUKIN-23 RECEPTOR SIGNALING MODULATES THE STABILITY AND FUNCTION OF FORKHEAD BOX P3 POSITIVE REGULATORY T CELLS. <i>Gastroenterology</i> , 2020, 158, S-186-S-187.	1.3	0
10	An evaluation of liposome-based diagnostics of pulmonary and extrapulmonary tuberculosis. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 533-541.	3.1	6
11	RNA-loaded dendritic cells: more than a tour de force in cancer therapeutics. <i>Immunotherapy</i> , 2019, 11, 1129-1147.	2.0	2
12	Parasite load stemming from immunization route determines the duration of liverâ€‘stage immunity. <i>Parasite Immunology</i> , 2019, 41, e12622.	1.5	11
13	Chitosan Nanoparticles of Gamma-Oryzanol: Formulation, Optimization, and In vivo Evaluation of Anti-hyperlipidemic Activity. <i>AAPS PharmSciTech</i> , 2018, 19, 1894-1907.	3.3	20
14	Cationic-bilayered nanoemulsion of fusidic acid: an investigation on eradication of methicillin-resistant <i>Staphylococcus aureus</i> 33591 infection in burn wound. <i>Nanomedicine</i> , 2018, 13, 825-847.	3.3	24
15	Humanized Mice Are Instrumental to the Study of Plasmodium falciparum Infection. <i>Frontiers in Immunology</i> , 2018, 9, 2550.	4.8	22
16	High-level artemisinin-resistance with quinine co-resistance emerges in P. falciparum malaria under in vivo artesunate pressure. <i>BMC Medicine</i> , 2018, 16, 181.	5.5	26
17	Lipidâ€‘polymer hybrid nanocarrier-mediated cancer therapeutics: current status and future directions. <i>Drug Discovery Today</i> , 2018, 23, 1610-1621.	6.4	29
18	The Molecular Targets of Swertiamarin and its Derivatives Confer Anti- Diabetic and Anti-Hyperlipidemic Effects. <i>Current Drug Targets</i> , 2018, 19, 1958-1967.	2.1	17

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19	Nanostructured Lipid Carrier-Mediated Methotrexate Delivery Evokes Transcription Factors to Induce Selective Apoptosis in Rheumatoid Arthritis. , 2018, , 239-246.		0
20	Human IDO-competent, long-lived immunoregulatory dendritic cells induced by intracellular pathogen, and their fate in humanized mice. Scientific Reports, 2017, 7, 41083.	3.3	18
21	Functionalized Lipid-Polymer Hybrid Nanoparticles Mediated Codelivery of Methotrexate and Aceclofenac: A Synergistic Effect in Breast Cancer with Improved Pharmacokinetics Attributes. Molecular Pharmaceutics, 2017, 14, 1883-1897.	4.6	66
22	A generic RNA pulsed DC based approach for developing therapeutic intervention against nasopharyngeal carcinoma. Human Vaccines and Immunotherapeutics, 2017, 13, 854-866.	3.3	8
23	Rifampicin loaded chitosan nanoparticle dry powder presents an improved therapeutic approach for alveolar tuberculosis. Colloids and Surfaces B: Biointerfaces, 2017, 154, 321-330.	5.0	104
24	Quality by Design (QbD)-enabled development of aceclofenac loaded-nano structured lipid carriers (NLCs): An improved dermatokinetic profile for inflammatory disorder(s). International Journal of Pharmaceutics, 2017, 517, 413-431.	5.2	97
25	Liposome-Mediated Immunosuppression Plays an Instrumental Role in the Development of Humanized Mouse-to Study Plasmodium falciparum. , 2017, , .		0
26	The ligand (s) anchored lipobrid nanoconstruct mediated delivery of methotrexate: an effective approach in breast cancer therapeutics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2043-2060.	3.3	33
27	Fucose decorated solid-lipid nanocarriers mediate efficient delivery of methotrexate in breast cancer therapeutics. Colloids and Surfaces B: Biointerfaces, 2016, 146, 114-126.	5.0	83
28	Route of administration of attenuated sporozoites is instrumental in rendering immunity against Plasmodia infection. Vaccine, 2016, 34, 3229-3234.	3.8	8
29	Effective transdermal delivery of methotrexate through nanostructured lipid carriers in an experimentally induced arthritis model. Colloids and Surfaces B: Biointerfaces, 2016, 147, 17-24.	5.0	67
30	Transdermal immunization of <i>P. falciparum</i> surface antigen (MSP-1 <sub>19</sub> ) via elastic liposomes confers robust immunogenicity. Human Vaccines and Immunotherapeutics, 2016, 12, 990-992.	3.3	10
31	Nanostructured lipid carrier mediates effective delivery of methotrexate to induce apoptosis of rheumatoid arthritis via NF- $\kappa$ B and FOXO1. International Journal of Pharmaceutics, 2016, 499, 301-320.	5.2	84
32	A synergistic approach of adapalene-loaded nanostructured lipid carriers, and vitamin C co-administration for treating acne. Drug Development and Industrial Pharmacy, 2016, 42, 897-905.	2.0	67
33	Surface engineered and ligand anchored nanobioconjugate: An effective therapeutic approach for oral insulin delivery in experimental diabetic rats. Colloids and Surfaces B: Biointerfaces, 2015, 127, 172-181.	5.0	26
34	Surface engineered polymeric nanocarriers mediate the delivery of transferrin-methotrexate conjugates for an improved understanding of brain cancer. Acta Biomaterialia, 2015, 24, 140-151.	8.3	120
35	Elastic liposome-mediated transdermal immunization enhanced the immunogenicity of <i>P. falciparum</i> surface antigen, MSP-119. Vaccine, 2015, 33, 4630-4638.	3.8	48
36	Development and characterization of single step self-assembled lipid polymer hybrid nanoparticles for effective delivery of methotrexate. RSC Advances, 2015, 5, 62989-62999.	3.6	47

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37	Development of novel carrier(s) mediated tuberculosis vaccine: More than a tour de force. European Journal of Pharmaceutical Sciences, 2014, 62, 227-242.	4.0	21
38	Adapalene loaded solid lipid nanoparticles gel: An effective approach for acne treatment. Colloids and Surfaces B: Biointerfaces, 2014, 121, 222-229.	5.0	139
39	RNA pulsed dendritic cells: An approach for cancer immunotherapy. Vaccine, 2013, 31, 1141-1156.	3.8	30
40	Vaccination Strategies against Malaria: novel carrier(s) more than a tour de force. Journal of Controlled Release, 2012, 162, 242-254.	9.9	28
41	Site specific/targeted delivery of gemcitabine through anisamide anchored chitosan/poly ethylene glycol nanoparticles: An improved understanding of lung cancer therapeutic intervention. European Journal of Pharmaceutical Sciences, 2012, 47, 1006-1014.	4.0	65
42	Evaluation of anti-apoptotic activity of different dietary antioxidants in renal cell carcinoma against hydrogen peroxide. Asian Pacific Journal of Tropical Biomedicine, 2011, 1, 57-63.	1.2	18
43	Mucosal Delivery of Vaccines: Role of Mucoadhesive/Biodegradable Polymers. Recent Patents on Drug Delivery and Formulation, 2010, 4, 114-128.	2.1	63
44	Analysis of innate defences against Plasmodium falciparum in immunodeficient mice. Malaria Journal, 2010, 9, 197.	2.3	32
45	RNA-based immunotherapy of cancer: role and therapeutic implications of dendritic cells - Retracted. Expert Review of Anticancer Therapy, 2009, 9, 97-114.	2.4	15
46	Recent Patents on Oral Vaccine Design. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2009, 3, 179-193.	0.6	1
47	Various carrier system(s)- mediated genetic vaccination strategies against malaria - Retracted. Expert Review of Vaccines, 2008, 7, 499-520.	4.4	11
48	Introductory Chapter: Immunity and Immunomodulation. , 0, , .		1
49	Stable Artesunate Resistance in A Humanized Mouse Model of <i>Plasmodium falciparum</i> . , 0, , .		0
50	Swertiamarin-mediated immune modulation/adaptation confers protection against <i>Plasmodium berghei</i> . Future Microbiology, 0, , .	2.0	1