

# Vijayaraj K Palanirajan

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,727  
citations

471371

17  
h-index

276775

41  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrimers in Oncology: An Expanding Horizon. <i>Chemical Reviews</i> , 2009, 109, 49-87.	23.0	446
2	Intracellular macrophage uptake of rifampicin loaded mannosylated dendrimers. <i>Journal of Drug Targeting</i> , 2006, 14, 546-556.	2.1	194
3	Dendrimers as therapeutic agents: a systematic review. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 989-1003.	1.2	148
4	Functional Polymeric Nanoparticles: An Efficient and Promising Tool for Active Delivery of Bioactives. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2006, 23, 259-318.	1.2	140
5	Pharmaceutical and Biomedical Potential of PEGylated Dendrimers. <i>Current Pharmaceutical Design</i> , 2007, 13, 415-429.	0.9	119
6	PEGylated PPI dendritic architectures for sustained delivery of H2 receptor antagonist. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1155-1166.	2.6	87
7	Dendrimers as therapeutic agents: a systematic review. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 989-1003.	1.2	68
8	PEGylated Dendritic Architecture for Development of a Prolonged Drug Delivery System for an Antitubercular Drug. <i>Current Drug Delivery</i> , 2007, 4, 11-19.	0.8	64
9	Microwave-assisted synthesis, characterization and biological activity of novel pyrazole derivatives. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 1015-1021.	2.4	34
10	Formulation and evaluation of voriconazole ophthalmic solid lipid nanoparticles in situ gel. <i>International Journal of Pharmaceutical Investigation</i> , 2016, 6, 56.	0.2	34
11	Novel PEGylated PPI Dendritic Nanostructures for Sustained Delivery of Anti-Inflammatory Agent. <i>Current Nanoscience</i> , 2008, 4, 267-277.	0.7	33
12	Dendrimeric nanoarchitectures mediated transdermal and oral delivery of bioactives. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 431.	1.0	32
13	Evaluation of Antidiarrheal Potential of <i>Emblica officinalis</i> . <i>Pharmaceutical Biology</i> , 2005, 43, 373-377.	1.3	30
14	Dendrosome-based gene delivery. <i>Journal of Experimental Nanoscience</i> , 2006, 1, 235-248.	1.3	30
15	Suppression of agglomeration of ciprofloxacin-loaded human serum albumin nanoparticles. <i>AAPS PharmSciTech</i> , 2007, 8, E118-E123.	1.5	28
16	Polyethylene glycolated PAMAM dendrimers-Efavirenz conjugates. <i>International Journal of Pharmaceutical Investigation</i> , 2014, 4, 15.	0.2	20
17	RP-HPLC determination of vildagliptin in pure and $\Delta$ in tablet formulation. <i>Journal of Pharmacy Research</i> , 2013, 7, 113-116.	0.4	17
18	Fabrication and Evaluation of Transdermal Microneedles for a Recombinant Human Keratinocyte Growth Factor. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021, 18, 96-103.	0.6	11

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19	A New Approach for $\beta$ -cyclodextrin Conjugated Drug Delivery System in Cancer Therapy. <i>Current Drug Delivery</i> , 2022, 19, 266-300.	0.8	11
20	Design, synthesis, antinociceptive, and anti-inflammatory properties of thiazolopyrimidine derivatives. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1247-1258.	0.6	10
21	Enhanced gastrointestinal survivability of recombinant <i>Lactococcus lactis</i> using a double coated mucoadhesive film approach. <i>PLoS ONE</i> , 2019, 14, e0219912.	1.1	10
22	Molecular Modeling-based Delivery System Enhances Everolimus-Induced Apoptosis in Caco-2 Cells. <i>ACS Omega</i> , 2019, 4, 8767-8777.	1.6	10
23	Regulatory mechanisms of heme regulatory protein BACH1: a potential therapeutic target for cancer. <i>Medical Oncology</i> , 2021, 38, 122.	1.2	10
24	Synthesis and structure-activity relationship study of 2-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (benzylidene)-7-(4-fluorophenyl)-2-(4-fluorophenyl)-1,2,4-triazole derivatives as anticancer agents. <i>Drug Discoveries and Therapeutics</i> , 2012, , .	0.6	8
25	Formulation of Rifampicin Loaded PEGylated 5.0G EDA-PAMAM Dendrimers as Effective Long-Duration Release Drug Carriers. <i>Current Drug Therapy</i> , 2017, 12, .	0.2	8
26	Revolution in the Synthesis, Physio-chemical and Biological Characterization of Gold Nanoplatform. <i>Current Pharmaceutical Design</i> , 2021, 27, 2482-2504.	0.9	7
27	Designing and In-Vitro Characterization of Micelle Forming Amphiphilic PEGylated Rapamycin Nanocarriers for the Treatment of Gastric Cancer. <i>Current Drug Delivery</i> , 2014, 11, 613-620.	0.8	6
28	Synthesis and anticonvulsant activity of 6,7,8,9-tetra hydro-5H-5-(2-hydroxy phenyl)-2-(4-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (benzylidene)-7-(4-fluorophenyl)-2-(4-fluorophenyl)-1,2,4-triazole derivatives. <i>Environmental Chemistry</i> , 2011, 93, 643-655.	0.6	5
29	Cyclodextrin inclusion complex inhibits circulating galectin-3 and FGF-7 and affects the reproductive integrity and mobility of Caco-2 cells. <i>Scientific Reports</i> , 2020, 10, 17468.	1.6	5
30	Mucoadhesive Low Molecular Chitosan Complexes to Protect rHuKGF from Proteolysis: In-vitro Characterization and FHs 74 Int Cell Proliferation Studies. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 969-982.	0.9	5
31	Detection of Formation of Recombinant Human Keratinocyte Growth Factor Loaded Chitosan Nanoparticles Based on its Optical Properties. <i>Current Nanoscience</i> , 2018, 14, 127-135.	0.7	5
32	Synthesis of Novel 6,7,8,9-Tetrahydro-5H-5-hydroxyphenyl-2-benzylidene-3-substituted Hydrazino Thiazolo (2,3-b) Quinazoline as Potent Antinociceptive and Anti-inflammatory Agents. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3265-3271.	1.0	5
33	Synthesis, characterization, and antihyperglycemic activity of novel oxazolidine derivatives. <i>Archives of Pharmacal Research</i> , 2011, 34, 887-891.	2.7	4
34	Recent Advances in Physical Approaches for Transdermal Penetration Enhancement. <i>Current Drug Therapy</i> , 2012, 7, 184-197.	0.2	4
35	Rabbit as an Animal Model for Pharmacokinetics Studies of Enteric Capsule Contains Recombinant Human Keratinocyte Growth Factor Loaded Chitosan Nanoparticles. <i>Current Clinical Pharmacology</i> , 2019, 14, 132-140.	0.2	4
36	Preparation of Chitosan Particles as a Delivery System for Tetrahydrocurcumin: $\beta$ -cyclodextrin Inclusive Compound for Colorectal Carcinoma. <i>Current Drug Therapy</i> , 2021, 16, 430-438.	0.2	4

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37	UV Spectrophotometric Method for Determination of Cinitapride in Pure and its Solid Dosage Form. E-Journal of Chemistry, 2009, 6, S21-S24.	0.4	3
38	Synthesis and cAMP-dependent phosphodiesterase inhibition of novel thiazoloquinazoline derivatives. Acta Pharmaceutica, 2011, 61, 103-13.	0.9	3
39	PEGylated dendritic nanoarchitecture improves mean survival time of BDF1 mice bearing myelogenous k -562 leukemia. Journal of Acute Disease, 2013, 2, 327-329.	0.0	2
40	Preparation and In vitro Evaluation of Enteric Coated Oral Vancomycin Hydrochloride Sustained Release Formulation with Mucoadhesive Properties. American Journal of Advanced Drug Delivery, 2018, 06, .	0.1	2
41	New Generation Peptide-Based Vaccine Prototype. , 0, , .		2
42	UV Spectrophotometric Estimation of Acipimox in Bulk and Capsule Dosage Form. E-Journal of Chemistry, 2009, 6, 1117-1120.	0.4	1
43	Antiepileptic Activity of Novel 2-(substituted benzylidene)-7-(4- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (fluorophenyl)-5-( and Discovery, 2013, 10, 204-211.	0.4	1
44	Antiepileptic properties of novel 2-(substituted benzylidene)-7-(4-chlorophenyl)-5-(furan-2-yl)-2 H -thiazolo[3,2 -a ]pyrimidin-3(7 H )-one derivatives. Journal of Saudi Chemical Society, 2016, 20, S1-S6.	2.4	1
45	In silico-based Approach to Investigate the Ability of PEGylated Rapamycin to Inhibit Galectin-3. Current Drug Discovery Technologies, 2021, 18, 451-456.	0.6	1
46	Ultrathin multilayer capsules in drug delivery. Indian Journal of Pharmaceutical Sciences, 2007, 69, 479.	1.0	1
47	Antiepileptic Activity of Novel 2-(substituted benzylidene)-7-(4- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (fluorophenyl)-5-( and Discovery, 2013, 10, 204-211.	0.4	1
48	RP-HPLC method for the determination of acipimox in human plasma. Journal of Pharmacy Research, 2013, 7, 117-120.	0.4	0
49	Optimization and <i>In-vitro</i> Evaluation of Coating Process for Film-Coated Tablets. International Journal of Food Engineering, 2017, 13, .	0.7	0