

ISF College of Pharmacy
Total No. of Publications (2015): 68
Cumulative Impact Factor: 155.733

Sr. No.	Impact Factor	Title	Authors	Journal, Year, Vol., Page no.	ISSN
1.	6.68	Pharmaceutical and biomedical application of surface engineered carbon nanotubes	Mehra NK, Jain K, Jain NK	Drug Discov Today. 2015; 20(6): 750-6.	1359-6446
2.	6.15	Characterization and evaluation of Amphotericin B loaded MDP conjugated poly(propylene imine) dendrimers	Jain K, Verma AK, Mishra PR, Jain NK	Nanomed : Nanotech, Biol & Med. 2015;11:705-13.	1549-9634
3.	4.47	Surface engineered dendrimeric nanoconjugates for macrophage targeted delivery of Amphotericin B: formulation development, <i>in vitro</i> and <i>in vivo</i> evaluation	Jain K, Verma AK, Mishra PR, Jain NK	Antimicrob Agents & Chemother. 2015; 59: 2479-87.	0066-4804
4.	4.25	Nanotechnology-based photodynamic therapy: Concepts, advances, and perspectives	Garg T, Jain NK, Rath G, Goyal AK	Crit Rev Ther Drug Carrier Syst. 2015; 32(5): 389-439.	0743-4863
5.	4.25	Scaffolds: A novel carrier and potential wound healer	Chaudhary C, Garg T	Crit Rev Ther Drug Carrier Syst. 2015; 32(4): 277-321.	0743-4863
6.	4.25	Polymeric drug-delivery systems: role in p-gp efflux system inhibition	Gupta P, Garg T, Tanmay M, Arora S	Crit Rev Ther Drug Carrier Syst. 2015; 32(3): 247-75.	0743-4863
7.	4.25	Colloidal drug delivery systems: current status and future directions	Garg T, Rath G, Goyal AK	Crit Rev Ther Drug Carrier Syst. 2015; 32(2): 89-147.	0743-4863
8.	3.53	Protective effect of spermidine against excitotoxic neuronal death induced by quinolinic acid in rats: possible neurotransmitters and neuroinflammatory mechanism	Jamwal S, Singh S, Kaur N, Kumar P	Neurotox Res. 2015; 28(2): 171-84.	1029-8428
9.	3.452	Nanotechnology in drug delivery: Safety and	Jain K, Mehra NK, Jain	Curr. Pharm. Des. 2015;	1381-6128

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		toxicity issues	NK	21(29): 4252-61.	
10.	3.452	Current nanotechnological approaches for an effective delivery of bioactive drug molecules to overcome drug resistance tuberculosis	Garg T, Rath G, Murthy RR, Gupta UD, Vatsala PG, Goyal AK	Curr. Pharm. Des. 2015; 21(22): 3076-89.	1381-6128
11.	3.452	Nano-systems for advanced therapeutics and diagnosis of atherosclerosis	Chauhan G, Bhandari S, Rath G, Goyal AK	Curr. Pharm. Des. 2015; 21(30): 4498-508	1381-6128
12.	3.452	Implication of nanofibers in oral drug delivery	Kapahi H, Khan MN, Bhardwaj A, Mishra N	Curr. Pharm. Des. 2015; 21(23): 1-16.	1381-6128
13.	3.452	Design of multifunctional nanocarriers in delivery of anticancer therapy	Mehra NK, Jain K, Jain NK	Curr. Pharm. Des. 2015; 21(42): 6157-64.	1381-6128
14.	3.452	Role of antioxidants for the treatment of cardiovascular diseases: Challenges and opportunities	Jain AK, Mehra NK, Swarnakar NK	Curr. Pharm. Des. 2015; 21(30): 4441-55.	1381-6128
15.	3.39	Herbs to curb cyclic nucleotide phosphodiesterase and their potential role in Alzheimer's disease	Kumar A, Sharma V, Singh VP, Kaundal M, Gupta MK, Bariwal J, Deshmukh R	Mechanisms of Ageing and Development. 2015; 149: 75-87.	0047-6374
16.	3.35	Neuroprotective effect of hemeoxygenase-1/glycogen synthase kinase-3 β modulators in 3-nitropropionic acid-induced neurotoxicity in rats	Khan, A Jamwal S, Reddy BVK, Prakash A, Kumar P	Neuroscience. 2015; 28: 66-77.	0306-4522
17.	3.35	Vinpocetine attenuates MPTP-induced motor deficit and biochemical abnormalities in wistar rats	Sharma S , Deshmukh R	Neuroscience. 2015; 286: 393-403.	0306-4522
18.	3.08	Development and characterization of	Rath G, Hussain T,	Mater. Sci. Eng. C. 2015; 58:	0928-4931

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		cefazolin loaded zinc oxide nanoparticles composite gelatin nanofiber mats for postoperative surgical wounds	Chauhan G, Garg T, Goyal AK	242-53.	
19.	2.98	Spermidine ameliorates 3-nitropropionic acid (3-NP)-induced striatal toxicity: Possible role of oxidative stress, neuroinflammation, and neurotransmitters	Jamwal S, Kumar P	Physiol. Behav. 2015; 155: 180-7.	0031-9384
20.	2.90	Recent advances in polymer drug conjugates	Sharma R, Singla N, Mehta S, Gaba T, Rawal K R, Rao S H, Bhardwaj R T	Mini Rev. Med. Chem. 2015; 15(9): 751-61.	1389-5575
21.	2.72	Collagen nanofiber containing silver nanoparticles for improved wound-healing applications	Rath G, Hussain T, Chauhan G, Garg T, Goyal AK	J Drug Target. 2015; 20:1-10.	1061-186X
22.	2.72	Current strategies for targeted delivery of bio-active drug molecules in the treatment of brain tumor	Garg T, Bhandari S, Rath G, Goyal AK	J Drug Target. 2015;23(10): 865-887	1061-186X
23.	2.72	Brain delivery of intranasal in situ gel of nanoparticulated polymeric carriers containing antidepressant drug: behavioral and biochemical assessment	Kaur P, Garg T, Vaidya B, Prakash A, Rath G, Goyal AK	J Drug Target. 2015; 23(3): 275-86.	1061-186X
24.	2.72	Biomaterials-based nanofiber scaffold: targeted and controlled carrier for cell and drug delivery	Garg T, Rath G, Goyal AK	J Drug Target. 2015; 23(3): 202-21.	1061-186X

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25.	2.72	Role of polymer–drug conjugates in organ-specific delivery systems	Paramjot, Khan MN, Kapahi H, Kumar S , Bhardwaj T R, Arora S, Mishra N	J Drug Target. 2015; 24(3): 1–30.	1061-186X
26.	2.64	Diversity-oriented synthesis of fused-imidazole derivatives via Groebke–Blackburn–Bienayme reaction: A review	Devi N, Rawal K R, Singh V	Tetrahedron. 2015; 71(2): 183-232.	0040-4020
27.	2.59	Piperine enhances the protective effect of curcumin against 3-NP induced neurotoxicity: Possible neurotransmitters modulation mechanism	Singh S, Jamwal S, Kumar P	Neurochem. Res. 2015; 40(8): 1758-66.	0364-3190
28.	2.55	Advances in nanotechnology-based carrier systems for targeted delivery of bioactive drug molecules with special emphasis on immunotherapy in drug resistant tuberculosis - A critical review	Singh J, Garg T, Rath G, Goyal AK	Drug Deliv. 2015; 2: 1-23.	1071-7544
29.	2.55	Archaeosomes: an excellent carrier for drug and cell delivery	Kaur G, Garg T, Rath G, Goyal AK	Drug Deliv. 2015; 25: 1-16.	1071-7544
30.	2.55	Development and characterization of enteric-coated microparticles of biochanin A for their beneficial pharmacological potential in estrogen deficient-hypertension	Sachdeva C, Mishra N, Sharma S	Drug Deliv. 2015; DOI 10.3109/10717544.2015.1114046	1071-7544
31.	2.53	Antidepressants for neuroprotection in Huntington's disease: A review	Jamwal S, Kumar P	Eur. J. Pharmacol. 2015; 769: 33-42.	0014-2999

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32.	2.5	Biomedical applications of carbon nanotubes: A critical review	Sharma P, Neelesh Kumar Mehra, Jain K, Jain NK	Curr. Drug Deliv. 2015; 12: 1-22.	1875-5704
33.	2.471	Effect of zinc supplements in the attenuated cardio protective of ischemic preconditioning in hyperlipidemic rat heart	Kansal KS, Jyoti U, Sharma S, Kaura A, Deshmukh R, Goyal S	Naunyn Schmiedebergs Arch Pharmacol. 2015; DOI 10.1007/s00210-015-1105-6	0028-1298
34.	2.471	Possible vasculoprotective role of linagliptin against sodium arsenite-induced vascular endothelial dysfunction	Jyoti U, Kansal S, Kumar P, Goyal S	Naunyn Schmiedebergs Arch Pharmacol. 2015; DOI 10.1007/s00210-015-1184-4.	0028-1298
35.	2.46	A novel multiple tyrosine-kinase targeted agent to explore the future perspectives of anti-angiogenic therapy for the treatment of multiple solid tumors: Cabozantinib	Roy S, Narang K B, Rastogi K S, Rawal RK	Anticancer Agents Med Chem. 2015; 15(1): 37-47.	1871-5206
36.	2.40	Cerebroprotective effects of RAS inhibitors: Beyond their cardio-renal actions	Kalra J, Prakash A, Kumar P, Majeed ABA	J Renin Angiotensin Aldosterone Syst. 2015; DOI 10.1177/1470320315583582.	1470-3203
37.	2.372	Mechanism of Sphingosine-1-Phosphate induced cardio-protection against I/R injury in diabetic rat heart: Possible involvement of Glycogen synthase kinase 3 β and mitochondrial permeability transition pore.	Rana A, Sharma S	Clin. and Experim. Pharm. and Phy. 2015; DOI: 10.1111/1440-1681.12516.	1440-1681
38.	2.25	Effect of GLT-1 modulator and P 2X7 antagonists alone and in combination in the	Soni N, Koushal P, Reddy B V K.,	Epilepsy & Behavior. 2015; 48: 4-14.	1525-5050

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		kindling model of epilepsy in rats	Deshmukh R, Kumar P		
39.	1.92	Effect of chenodeoxycholic acid and sodium hydrogen sulfide in dinitro benzene sulfonic acid (DNBS)–Induced ulcerative colitis in rats	Goyal N, Rana A, Reddy B V K, Kumar P	Pharmacological Reports. 2015; 67(3): 616-23.	1734-1140
40.	1.86	Possible role of GABA-B receptor modulation in MPTP induced Parkinson's disease in rats	Tyagi RK, Bisht R, Pant J, Majeed ABA, Prakash A	Exp. Mol. Pathol. 2015; 67(2): 211-17.	0940-2993
41.	1.82	Vaccines for visceral leishmaniasis: A review	Jain K, Jain NK	J Immunol. Methods. 2015; 422: 1-12.	0022-1759
42.	1.669	Beneficial effect of protein tyrosine phosphatase inhibitor and phytoestrogen in dyslipidemia induced vascular dementia in ovariectomized rats.	Verma A, Sharma S	J Stroke and Cerebrovasc. Dis. DOI: 10.1016/j.jstrokecerebrovasdis.2015.02.019.	1052-3057
43.	1.53	Recent advances in the chemistry and biology of benzothiazoles	Gill RK, Rawal RK, Bariwal J	Archiv der Pharmazie. 2015; 348: 155-78.	0365-6233
44.	1.47	Development, optimization and evaluation of electrospun nanofibers: tool for targeted vaginal delivery of antimicrobials against urinary tract infections	Kaur R, Garg T, Goyal AK, Rath G	Curr. Drug Deliv. 2015; 12: 1-10.	1875-5704
45.	1.31	Targeted anticancer drug delivery through anthracycline antibiotic bearing functionalized Quantum Dots	Bajwa N, Mehra NK, Jain K, Jain K N	Artificial cell Biology Nanomed. 2015; DOI: 10.3109/21691401.2015.1102740.	2169-1401
46.	1.24	Protective effect of Convolvulus pluricaulis	Jai M, Choudhary S, and	Pharm. Bio. 2015: 1-10.	1388-0209

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		standardized extract and its fractions against 3-nitropropionic acid-induced neurotoxicity in rats	Kumar P		
47.	1.20	Spray-dried particles as pulmonary delivery system of anti-tubercular drugs: design, optimization, in vitro and in vivo evaluation	Garg T, Goyal AK, Rath G, Murthy RSR	Pharm. Dev. Technol. 2015; 3: 1-10.	1083-7450
48.	1.03	Regulatory categories of probiotics across the globe: A review representing existing and recommended categorization	Arora M, Baldi A	Indian J. Med. Microbiol. 2015; 33: S2-S10.	0255-0857
49.	1.015	Effect of functionalization on drug delivery potential of carbon nanotubes	Sharma S, Mehra NK, Jain K, Jain NK	Artificial Cell Biology Nanomed. 2015; DOI: 10.3109/21691401.2015.1111227.	2169-1401
50.	1.015	Dendrimers in anticancer drug delivery: Mechanism of interaction of drug and dendrimers	Singh J, Jain K, Mehra NK, Jain NK	Artificial Cell Biology Nanomed. 2015; DOI: 10.3109/21691401.2015.1129625.	2169-1401
51.	1.015	Pharmaceutical and biomedical application of quantum dots	Bajwa N, Mehra N K, Jain K, Jain NK	Artificial Cell Biology Nanomed. 2015; DOI: 10.3109/21691401.2015.1052468.	2169-1401
52.	1.015	Fabrication and characterization of cefazolin-loaded nanofibrous mats for the recovery of post-surgical wound	Rath G, Hussain T, Chauhan G, Garg T, Goyal AK	Artif. Cells Nanomed. Biotechnol. 2015; 18: 1-10.	2169-1401
53.	1.015	Development, optimization, and	Singh B, Garg T, Goyal	Artif. Cells Nanomed.	2169-1401

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		characterization of polymeric electrospun nanofiber: A new attempt in sublingual delivery of nicorandil for the management of angina pectoris	AK, Rath G	Biotechnol. 2015; 1: 1-10.	
54.	1.015	Nanotechnological approaches for the effective management of psoriasis	Garg T, Rath G, Goyal AK	Artif. Cells Nanomed. Biotechnol. 2015; 28: 1-9.	2169-1401
55.	1.015	Diacerein-loaded novel gastroretentive nanofiber system using PLLA: Development and in vitro characterization	Malik R, Garg T, Goyal AK, Rath G	Artif. Cells Nanomed. Biotechnol. 2015; 31: 1-9.	2169-1401
56.	1.015	In situ nasal gel drug delivery: A novel approach for brain targeting through the mucosal membrane	Kaur P, Garg T, Rath G, Goyal AK	Artif. Cells Nanomed. Biotechnol. 2015; 6: 1-10.	2169-1401
57.	1.015	Role of microemulsions in advanced drug delivery	Sharma AK, Garg T, Goyal AK, Rath G	Artif. Cells Nanomed. Biotechnol. 2015; 25: 1-9.	2169-1401
58.	1.015	Inhalable chitosan nanoparticles as antitubercular drug carriers for an effective treatment of tuberculosis	Garg T, Rath G, Goyal AK	Artif. Cells Nanomed. Biotechnol. 2015; 14: 1-5.	2169-1401
59.	1.015	Development of pegylated solid lipid nanoparticles of pentoxifylline for their beneficial pharmacological potential in pathological cardiac hypertrophy	Dhiman S, Mishra N, Sharma S	Artif. Cells Nanomed. Biotechnol. 2015; DOI: 10.3109/21691401.2015.1111234.	2169-1401
60.	1.015	Development and characterization of floating spheroids of atorvastatin calcium loaded nlc for enhancement of oral bioavailability	Sharma K , Hallan SS, Lal B, Bhardwaj A & Mishra N	Artif. Cells Nanomed. Biotechnol. 2015. DOI: 10.3109/21691401.2015.10416	2169-1401

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61.	1.015	Pharmacological evaluation of nasal delivery of selegiline hydrochloride loaded thiolated chitosan nanoparticles for the treatment of depression	Singh D, Rashid M, Hallan S S, Mehra K N, Prakash A, Mishra N,	Artif. Cells Nanomed. Biotechnol. 2015; 4: 1-13.	2169-1401
62.	0.98	RP-HPLC Method for simultaneous estimation of free and entrapped Isoniazid and Ciprofloxacin hcl in Lipid Polymer Hybrid nanoparticles	Bhardwaj A, Bhandari S, Chauhan A, Goyal A.K., Mehta A	Am. J. Pharmtech Res. 2015; 5(4): 1-19.	2249-3387
63.	0.97	Simultaneous estimation of hydrochlorothiazide, hydralazine hydrochloride, and reserpine Using PCA, NAS, and NAS-PCA	Sharma C, Badyal N P, Rawal RK	Sci. Pharm. 2015; 83: 599-610.	2249 – 622X
64.	0.373	Anti-hyperalgesic and anti-nociceptive potentials of standardized grape seed proanthocyanidin extract against CCI-induced neuropathic pain in rats	Kaur F, Bedi O, Sharma N, Singh S, Rahul Deshmukh R, Kumar P	J Basic Clin. Physiol. Pharmacol. 2015; 27(1): 9-17	2191-0286
65.	0.45	Recent technological advancements in multiparticulate formulations: The smart drug delivery systems	Kumar S, Kamaljeet , Baldi A	Asian J. Pharmaceu. 2015; 9(4): S13-S25.	0973-8398
66.	0.45	Formulation by design approach for fizzy granules using statistical optimization methodologies	Kumar S, Baldi A	Asian J. Pharmaceu. 2015; 9: S59-S67.	0973-8398
67.	0.37	Neurobiology of l-DOPA induced dyskinesia and the novel therapeutic strategies	Sharma S, Singh S, Sharma, Singh VP,	Biomed Pharmacothe. 2015; 70: 283–93.	0753-3322

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			Deshmukh R		
68.	0.37	Age associated sleep loss: A trigger for Alzheimer's disease	Sharma KV, Sharma P, Deshmukh R, Singh R	Bulletin of Clinical Psychopharmacology. 2015; 25: 178-88.	1017-7833