

JAMIA HAMDARD, NEW DELHI - 110062

List of Publications in High Impact Factor Journals

List of Publications with High Impact Factor (> 3.0) made by the faculty and research scholars of Jamia Hamdard. The list is based on the Publication Incentive programme. Faculty and research scholars associated with these publications were honoured by Hon'ble Vice Chancellor by the Cash Award and Certification of Appreciation for these publications on the occasion of National Science Day Celebration on February 28, 2013.

| Publication detail (name of corresponding author/faculty is highlighted) | Impact factor (2011) |
|---|----------------------|
| Ahad A, Aqil M , Kohli K, Sultana Y, Mujeeb M. (2013) Enhanced transdermal delivery of anti-hypertensive agent via nanoethosomes: Statistical optimization, characterization and pharmacokinetic assessment. Int J Pharmaceut. ; 443: 26-28. | 3.350 |
| Ahmad MZ, Akhter S, Anwar M, Ahmad I, Shamim M, Ahmad FJ . (2011) In vitro and in vivo evaluation of Assam Bora rice starch-based bioadhesive microsphere as drug carrier for colon targeting. Expert Opin Drug Delivery ; 9(2):141-149. | 4.896 |
| Akhter S, Talegaonkar S, Khan ZI, Jain GK, Khar RK, Ahmad FJ . (2011) Assessment of ocular pharmacokinetics and safety of Ganciclovir loaded nanoformulations. J Biomed Nanotechnol. ; 7: 144-145. | 4.216 |
| Al Abood RM, Talegaonkar S , Tariq M, Ahmad FJ. (2013) Microemulsion as a tool for the transdermal delivery of ondansetron for the treatment of chemotherapy induced nausea and vomiting. Colloids and Surfaces B: Biointerfaces ; 101(2): 143-151. | 3.456 |
| Alam MI, Baboota S , Ahuja A, Ali M, Ali J, Sahni JK. (2012) Intranasal administration of nanostructured lipid carriers containing CNS acting drug: Pharmacodynamic studies and estimation in blood and brain. J Psych Res. 46:1133-1138. | 4.664 |
| Alam S, Khan ZI, Mustafa G, Kumar M, Islam F, Bhatnagar A, Ahmad FJ . (2012) Development and evaluation of thymoquinone-encapsulated chitosan nanoparticles for nose-to-brain targeting: a pharmacoscintigraphic study. Int J Nanomedicine ; 7:5705-5718. | 3.13 |
| Anwar M, Warsi MH, Mallick N, Akhter S, Gahoi S, Jain GK, Talegaonkar S, Ahmad FJ , Khar RK. (2011) Enhanced bioavailability of nano-sized chitosan-atorvastatin conjugate after oral administration to rats. Eur J Pharm Sci. ; 44(3): 241-249. | 3.212 |
| Azeem A, Talegaonkar S , Negi LM, Ahmad FJ, Khar RK, Iqbal Z. (2012) Oil based nanocarrier system for transdermal delivery of ropinirole: a mechanistic, pharmacokinetic and biochemical investigation. Int J Pharm. ; 422:436-444. | 3.607 |
| Chaudhary S, Parvez S . (2012) An in vitro approach to assess the neurotoxicity of valporic acid-induced oxidative stress in cerebellum and cerebral cortex of young rats. Neuroscience ; 225: 258-268. | 3.380 |
| Devi PU, Saraogi P, Manocha A, Vohora D . (2012) Pharmacological and biochemical analysis of interactions between N-acetylcystiene and some antiepileptic drugs on experimental seizures in mice. CNS Neurosci. Ther. ; 18: 406-413. | 4.443 |

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| Faiyazuddin M, Ahmad N, Khar RK, Bhatnagar A, Ahmad FJ. (2011) Stabilized terbutaline submicron drug aerosol for deep lungs deposition: drug assay, pulmonokinetics and biodistribution by UHPLC/ESI-q-TOF-MS method. Int J Pharm. ; 434:59-69. | 3.35 |
| Gupta A, Ahmad FJ, Ahmad F, Gupta UD, Natarajan M, Katoch V, Bhaskar S. (2012) Efficacy of <i>Mycobacterium indicus pranii</i> immunotherapy as an adjunct to chemotherapy for tuberculosis and underlying immune responses in the lung. PLoS One ; 2012;7(7):e39215. | 4.09 |
| Gupta A, Ahmad FJ , Ahmad F, Gupta UD, Natarajan M, Katoch VM, Bhaskar S. (2012) Protective efficacy of <i>Mycobacterium indicus pranii</i> against tuberculosis and underlying local lung immune responses in guinea pig model. Vaccine ; 30(43):6198-6209. | 3.76 |
| Haider S, Nazreen S, Alam MM, Gupta A, Hamid H, Alam MS. (2011) Anti-inflammatory and anti-nociceptive activities of ethanolic extract and its various fractions from <i>Adiantum capillus veneris</i> Linn. J. Ethnopharmacol. 138:741-747. | 3.014 |
| Haider S, Nazreen S, Alam MM, Hamid H, Alam MS. (2012) Anti-inflammatory and anti-nociceptive activities of <i>Platanus orientalis</i> Linn. and its ulcerogenic risk evaluation. J. Ethnopharmacol. ; 143:236-240. | 3.014 |
| Haque S, Md. S, Fazil M, Kumar M, Sahni JK, Ali J, Baboota S. (2012) Venlafaxine loaded chitosan NPs for brain targeting: Pharmacokinetic and pharmacodynamic evaluation. Carbohydrate Polymers ; 89:72-79. | 3.628 |
| Hassan MZ, Khan SA, Amir M. (2012) Design, synthesis and evaluation of N-(substituted benzothiazol-2-yl) amides as anticonvulsant and neuroprotective. Eur J Med Chem. ; 58:206-213. | 3.346 |
| Imam MT, Venkateshan SP, Tandon M, Saha N, Pillai KK. (2011) Comparative evaluation of US Food and Drug Administration and pharmacologically guided approaches to determine the maximum recommended starting dose for first-in-human clinical trials in adult healthy men. J Clin Pharmacol. ; 51:1655-64. | 3.59 |
| Jain N, Akhter S, Jain GK, Khan ZI, Khar RK, Ahmad FJ. (2011) Antiepileptic intranasal Amiloride loaded mucoadhesive nanoemulsion: development and safety assessment. J Biomed Nanotechnol. ; 7:142-143. | 4.216 |
| Kumar S, Bawa S , Drabu S, Gupta H, Machwal L, Kumar R. (2011) Synthesis, antidepressant and antifungal evaluation of novel 2-chloro-8-methylquinoline amine derivatives. Eur J Med Chem. ; 46:670-675. | 3.193 |
| Mirza MA, Ahmad S, Mallick MN, Manzoor N, Talegaonkar S, Iqbal Z. (2013) Development of a novel synergistic thermosensitive gel for vaginal candidiasis: An in vitro, in vivo evaluation. Colloids Surf B: Biointerfaces. ; 103:275-282. | 3.456 |
| Naqvi S, Maitra AN, Abdin MZ, Akmal M, Samim M. (2011) Calcium phosphate nanoparticles mediated genetic transformation in plants. J Mater Chem. ; 22:3500-3507. | 5.968 |
| Naqvi S, Samim M , Abdin M, Ahmad FJ, Maitra A, Prashant C, Dinda AK. (2010) Concentration dependent toxicity of iron oxide nanoparticles mediated by increased oxidative stress. Int J Nanomedicine ; 16:983-989. | 3.130 |
| Nasir SA, Sharma A, Khanam R, Vohora D. (2012) Effect of medroxyprogesterone on development of pentylene tetrazole-induced kindling in mice. Neuroscience ; 207:283-287. | 3.215 |
| Negi LM, Jaggi M, Talegaonkar S. (2013) A logical approach to optimize the nanostructured lipid carrier system of irinotecan: efficient hybrid design methodology. Nanotechnol. ; 24: 015104 (14pp). | 3.979 |

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| Nischal L, Mohsin M, Khan I, Kardam H, Wadhwa A, Abrol YP, Iqbal M, Ahmad A. (2012) Identification and Comparative Analysis of MicroRNAs Associated with Low-N Tolerance in Rice Genotypes. PLoS ONE 7(12): e50261. | 4.092 |
| Parmar N, Singla N, Amin S, Kohli K. (2011) Study of cosurfactant effect on nanoemulsifying area and development of lercanidipine loaded (SNEDDS) self nanoemulsifying drug delivery system. Colloids Surf B: Biointerfaces.; 86:327-338. | 3.456 |
| Rashid M, Husain A, Mishra R. (2012) Synthesis of benzimidazoles bearing oxadiazole nucleus as anticancer agents. Eur J Med Chem.; 54:855-866. | 3.346 |
| Rathish IG, Javed K, Ahmad S, Bano S, Alam MS, Akhter M, Pillai KK, Ovais S, Samim M. (2012) Synthesis and evaluation of anticancer activity of some novel 6-aryl-2-(p-sulfamylphenyl)-pyridazin-3(2H)-ones. Eur J Med Chem.; 49:304-309. | 3.193 |
| Sachdeva R, Bhardwaj N, Huhtaniemi I, Aggrawal U, Jain SK, Zaidi R, Singh O, Pal R. (2012) Transgenesis-mediated reproductive dysfunction and tumorigenesis: effects of immunological neutralization. PLoS One.; 7:e51125. | 4.092 |
| Samim M, Prashant CK, Dinda AK, Maitra AN, Arora I. (2011) Synthesis and characterization of gold nanorods and their application for photothermal cell damage. Int. J. Nanomedicine. 6:1825-1831. | 3.130 |
| Shadab MD, Khan RA, Mustafa G, Chuttani K, Baboota S, Sahni JK, Ali J. (2013) Bromocriptine loaded chitosan nanoparticles intended for direct nose to brain delivery: Pharmacodynamic, pharmacokinetic and scintigraphy study in mice model. Eur J Pharm Sci. ; 48: 393-405. | 3.212 |
| Shadab MD, Kumar M, Baboota S, Sahni JK, Ali J. (2012) Preparation, characterization and evaluation of bromocriptine loaded chitosan nanoparticles for intranasal delivery. Sci Adv Mater. ; 4:1-12. | 3.308 |
| Shafi S, Alam MM, Mulakayala N, Mulakayala C, Vanaja G, Kalle AM, Pallu R, Alam MS. (2012) Synthesis of novel 2-mercapto benzothiazole and 1,2,3-triazole based bis-heterocycles: Their anti-inflammatory and antinociceptive activities. Eur J of Med Chem. 49:324-333. | 3.34 |
| Tonk RK, Bawa S, Chawla G, Deora GS, Kumar S, Rathore V, Mulakayala N, Rajaram A, Kalle AM, Afzal O. (2012) Synthesis and pharmacological evaluation of pyrazolo[4,3-c]cinnoline derivatives as potential anti-inflammatory and antibacterial agents. Eur J Med Chem.; 57:176-184. | 3.346 |
| Zaidi R, Kumar S, Rawat PR. (2012) Rapid detection and quantification of dietary mutagens in food using mass spectrometry and ultra performance liquid chromatography. Food Chem.; 135:2897-2903. | 3.655 |

List is arranged in alphabetical order of the first author.

Detail of publication incentive scheme is available at:
<http://www.jamiahamdard.ac.in/advisor-pdf/Incentive%20scheme%20for%20publications.pdf>

S. Raisuddin
Advisor (Research)