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Publications

Publication in SCI Journals

No.	Author(s)	Year of Publication	Title of Paper	Name of the Journal, volume/ page numbers	IISN/ISBN no.
1	Harsimrat Kaur, Harsimran Kaur , Preeti Rajesh and C. Rajesh	2019	Nanotechnology-Based Drug Delivery System for Cancer Therapy	International Journal of Nanobiotechnology	2456-0111
2	Manpreet Kaur, Harsimran Kaur and Deepak Kukkar	2017	Synthesis and Characterization of Graphene Oxide Using Modified Hummer's Method	AIP Conference Proceedings. Volume 1953	0094-243X
3	Harsimran Kaur and Arun Sharma	2015	Biosensors: Recent Advancements in Tissue Engineering and Cancer Diagnosis.	Biosensors	1873-4219
4	Shweta Arora, Rajendra Kumar, Harsimran Kaur , Charan S. Rayat, Inderpreet Kaur, Sunil K. Arora, Jyoti Srivastava, and Lalit M. Bharadwaj.	2014	Translocation and Toxicity of Docetaxel Multi-Walled Carbon Nanotube Conjugates in Mammalian Breast Cancer Cells	Journal of Biomedical Nanotechnology 10, 1-9	1550-7033
5	Ram Ajore, Inderpreet Kaur, Harsimran Kaur and Lalit M Bharadwaj	2013	Effect of Humidity on Structural Distortion and Conductance of DNA Nanowire.	J Nanomater Mol Nanotechnol. 2:7.	2324-8777
6	Suresh Kumar, Harsimran Kaur , Harkiran Kaur, Inderpreet Kaur, Keya Dharamvir and Lalit M Bharadwaj.	2012	Magnetic field-guided orientation of carbon nanotubes through their conjugation with magnetic nanoparticles.	Journal of Material Science. Vol 3	0022-2461
7	Deepak Kukkar, Harsimran Kaur , Inderpreet Kaur, Jagtar Singh, and Lalit M. Bharadwaj.	2012	Immobilization of Quantum Dots Encapsulated Polystyrene Microcapsules for Multianalyte Sensing	<i>Advanced Science Letters</i> Vol. 5, 1-7	1936-6612
8	Harsimran Kaur , Suresh Kumar, Deepak Kukkar, Inderpreet Kaur, Kashmir Singh and Lalit M Bharadwaj	2010	Transportation of Drug-(Polystyrene Bead) Conjugate by Actomyosin Motor System	Journal of Biomedical Nanotechnology Vol (6), 1-8.	1550-7033
9	Harsimran Kaur , Suresh Kumar, Kashmir Singh and Lalit M Bharadwaj	2011	Divalent Cation Induced Actin Ring Formation.	International Journal of Biological Macromolecules 48 (5):793-7	0141-8130
10	Harsimran Kaur , Archana Chaudhary, Inderpreet Kaur, Kashmir Singh and	2010	Transportation of Drug-Gold Nanocomposites by Actinomyosin Motor System.	Journal of Nanoparticle Research Volume 13, Number	13880764

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	Lalit M Bharadwaj			6, 2295-2303	
11	Harsimran Kaur, Suresh Kumar, Inderpreet Kaur, Kashmir Singh and Lalit M Bharadwaj	2010	Low-Intensity Magnetic Fields Assisted Alignment of Actin Filaments.	International Journal of Biological Macromolecules 47 (3), 371-374	0141-8130
12	Harsimran Kaur, Tapan Das, Rajesh Madan, Ram Ajore, Lalit M. Bharadwaj	2008	Covalent Attachment of Actin filaments to Tween 80 Coated Polystyrene beads for Cargo Transportation	Biosystem 92, 69-75	0303-2647

Full Research Papers in Indian/International Conferences

	Author(s)	Year of Publication	Title of Paper	Name and Place of Conference
1	Harsimran Kaur, Suresh Kumar, Inderpreet Kaur, Kashmir Singh and Lalit M. Bharadwaj	2009	In Vitro Transportation of 5-ASA by Actin Myosin Motor System	International Conference on Advance Materials, 8-13 October, BANGALORE
2	Tapan Das, Harsimran Kaur, Ellis Bagga, Inderpreet Kaur, Rajesh Kumar and Lalit M. Bharadwaj	2007	Actin Myosin Motors for Nanodevice Application.	Bioelectronics, March 27

Conferences and Workshops Oral Presentation:

1.Harsimran Kaur, Suresh Kumar, Inderpreet Kaur, Kashmir Singh and Lalit M. Bharadwaj (2008). In Vitro Transportation of 5-ASA by Actin Myosin Motor System (Symposium of ICBME 2008, International Conference on Biomedical Engineering, 3- 6th December, SINGAPORE).

2.Deepak Kukkar, Harsimran Kaur, Suresh Kumar, Inderpreet Kaur and L M. Bharadwaj (2008). Nanocalorimetric Study of Myosin Catalyzed ATP Hydrolysis by Isothermal Titration Calorimetry. (International Conference on Nanomaterials And Devices: Processing and Applications, IIT Roorkee. 11-13th December, 2008).

3.Deepak Kukkar, Gagandeep Kaur. Harsimran Kaur, Suresh Kumar, Inderpreet Kaur, Parveen Kumar, Jagtar Singh and L M. Bharadwaj (2009). Preparation and characterization of polystyrene microreactors for drug delivery and diagnosis application. (Workshop cum conference on Nanoscience and nanotechnology; Ansal Institute of technology, Gurgaon 12-16th October, 2009).

Poster Presentation:

1.Harsimran Kaur, Tapan Das, Inderpreet Kaur and Lalit M. Bharadwaj (2007). Motility of actin Myosin Motor Protein System in Microchannels for Nanorobotics. (Symposium of IUMAS-ICAM 2007, International Conference on Advance Materials, 8-13 October, BANGALORE).

2.Suresh Kumar, Harsimran Kaur, Deepak Kukkar Inderpreet Kaur and Lalit M. Bharadwaj (2008). Transport of Quantum Dots Using Biomolecular Motors for Diagnostic Applications. (NANOSENSORS 2008: National Workshop on Nano Sensors & Devices 22-23 December, IIT DELHI).

3.Deepak Kukkar, Harsimran Kaur, Suresh Kumar, Inderpreet Kaur and L M. Bharadwaj (2008). Nanocalorimetric Study of Actomyosin Motor System. (National Review and Co- Ordination Meeting-2009- NANOMISSION DST, Kolkata).

4.Attended "Nanotechnology Conclave 2010" held in Taj palace at New Delhi organized by CII, India.