

Harpal Singh

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/996853/harpal-singh-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

1,128

citations

20

h-index

29

g-index

73

ext. papers

1,296

ext. citations

5

avg, IF

4.29

L-index

#	Paper	IF	Citations
68	Development and Evaluation of PLA Based Hybrid Block Copolymeric Nanoparticles for Systemic Delivery of Pirarubicin as an Anti-Cancer Agent.. <i>International Journal of Pharmaceutics</i> , 2022 , 121761	6.5	0
67	Fabrication of Three-Dimensional Bioactive Composite Scaffolds for Hemostasis and Wound Healing. <i>AAPS PharmSciTech</i> , 2021 , 22, 138	3.9	0
66	Scar free healing of full thickness diabetic wounds: A unique combination of silver nanoparticles as antimicrobial agent, calcium alginate nanoparticles as hemostatic agent, fresh blood as nutrient/growth factor supplier and chitosan as base matrix. <i>International Journal of Biological Macromolecules</i> , 2021 , 178, 41-52	7.9	10
65	Comparative Analysis of Collagen and Chitosan-based Dressing for Haemostatic and Wound Healing Application. <i>AAPS PharmSciTech</i> , 2021 , 22, 76	3.9	5
64	MUC1-C drives stemness in progression of colitis to colorectal cancer. <i>JCI Insight</i> , 2020 , 5,	9.9	15
63	Peptide-based combination nanoformulations for cancer therapy. <i>Nanomedicine</i> , 2020 , 15, 2201-2217	5.6	5
62	Development of antimicrobial polyacrylonitrile microspheres for water disinfection. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47968	2.9	1
61	Functionalized polymeric magnetic nanoparticle assisted SERS immunosensor for the sensitive detection of <i>S. Typhimurium</i> . <i>Analytica Chimica Acta</i> , 2019 , 1067, 98-106	6.6	36
60	In vivo efficacy and pharmacokinetics of bi-aryl oxazolidinone RBx 11760 loaded polylactic acid-polyethylene glycol nanoparticles in mouse hematogenous bronchopneumonia and rat groin abscess caused by <i>Staphylococcus aureus</i> . <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 14, 1318-1325	6	1
59	Concomitant Delivery of Paclitaxel and NuBCP-9 peptide for synergistic enhancement of cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1301-1313	6	12
58	Iron oxide labeling does not affect differentiation potential of human bone marrow mesenchymal stem cells exhibited by their differentiation into cardiac and neuronal cells. <i>Molecular and Cellular Biochemistry</i> , 2018 , 448, 17-26	4.2	16
57	Homologous ELISA for detection of prednisolone in human serum. <i>Food and Agricultural Immunology</i> , 2018 , 29, 369-385	2.9	
56	Targeting MUC1-C suppresses BCL2A1 in triple-negative breast cancer. <i>Signal Transduction and Targeted Therapy</i> , 2018 , 3, 13	21	20
55	Preparation and characterization of antimicrobial, biodegradable, triclosan-incorporated polyhydroxybutyrate-co-valerate films for packaging applications. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46862	2.9	6
54	Formulation and characterization of antimicrobial quaternary ammonium dendrimer in poly(methyl methacrylate) bone cement. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 521-530	3.5	18
53	Systemic delivery of the tumor necrosis factor gene to tumors by a novel dual DNA-nanocomplex in a nanoparticle system. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1833-1839	6	12
52	Decorporation of Iron Metal Using Dialdehyde Cellulose-Deferoxamine Microcarrier. <i>AAPS PharmSciTech</i> , 2017 , 18, 156-165	3.9	4

51	Functionalized polymeric magnetic nanoconstructs for selective capturing and sensitive detection of Salmonella typhimurium. <i>Analytica Chimica Acta</i> , 2016 , 937, 127-35	6.6	8
50	In Vitro and In Vivo Activities of a Bi-Aryl Oxazolidinone, RBx 11760, against Gram-Positive Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7134-7145	5.9	14
49	Preparation of hydrogel impregnated antimicrobial polyurethane foam for absorption of radionuclide contaminated blood and biological fluids. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	2
48	Polymer functionalized magnetic nanoconstructs for immunomagnetic separation of analytes. <i>RSC Advances</i> , 2016 , 6, 66505-66515	3.7	4
47	Detection of Salmonella typhi utilizing bioconjugated fluorescent polymeric nanoparticles. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	6
46	Intracellular delivery of peptide cargos using polyhydroxybutyrate based biodegradable nanoparticles: Studies on antitumor efficacy of BCL-2 converting peptide, NuBCP-9. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 876-89	6.5	19
45	Intracellular Targeting of the Oncogenic MUC1-C Protein with a Novel GO-203 Nanoparticle Formulation. <i>Clinical Cancer Research</i> , 2015 , 21, 2338-47	12.9	37
44	pH-Sensitive Biocompatible Nanoparticles of Paclitaxel-Conjugated Poly(styrene-co-maleic acid) for Anticancer Drug Delivery in Solid Tumors of Syngeneic Mice. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26530-48	9.5	32
43	In vivo efficacy and toxicity evaluation of polycaprolactone nanoparticles and aluminum based admixture formulation as vaccine delivery system. <i>Vaccine</i> , 2015 , 33, 5623-5632	4.1	8
42	Intracellular delivery of peptide cargos using iron oxide based nanoparticles: studies on antitumor efficacy of a BCL-2 converting peptide, NuBCP-9. <i>Nanoscale</i> , 2014 , 6, 14473-83	7.7	10
41	Development and validation of dot-ELISA on modified cellulose filter paper: a simplified novel approach. <i>Analytical Methods</i> , 2014 , 6, 7374-7383	3.2	2
40	Linear short histidine and cysteine modified arginine peptides constitute a potential class of DNA delivery agents. <i>Molecular Pharmaceutics</i> , 2014 , 11, 683-96	5.6	26
39	Novel polymeric nanoparticles for intracellular delivery of peptide Cargos: antitumor efficacy of the BCL-2 conversion peptide NuBCP-9. <i>Cancer Research</i> , 2014 , 74, 3271-81	10.1	44
38	Evaluation of synergistic effect of biodegradable polymeric nanoparticles and aluminum based adjuvant for improving vaccine efficacy. <i>International Journal of Pharmaceutics</i> , 2014 , 471, 377-84	6.5	19
37	Novel functionalized fluorescent polymeric nanoparticles for immobilization of biomolecules. <i>Nanoscale</i> , 2013 , 5, 6883-92	7.7	15
36	Sensitive detection of food-borne pathogen Salmonella by modified PAN fibers-immunoassay. <i>Biosensors and Bioelectronics</i> , 2013 , 45, 274-80	11.8	31
35	In vivo evaluation of a conjugated poly(lactide-ethylene glycol) nanoparticle depot formulation for prolonged insulin delivery in the diabetic rabbit model. <i>International Journal of Nanomedicine</i> , 2013 , 8, 505-20	7.3	20
34	Highly sensitive detection of Salmonella typhi using surface aminated polycarbonate membrane enhanced-ELISA. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 37-43	11.8	65

33	Design, synthesis, and antimycobacterial property of PEG-bis(INH) conjugates. <i>Chemical Biology and Drug Design</i> , 2012 , 80, 245-53	2.9	10
32	Cellular interaction of folic acid conjugated superparamagnetic iron oxide nanoparticles and its use as contrast agent for targeted magnetic imaging of tumor cells. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3503-16	7.3	50
31	Synthesis and characterization of a porous poly(hydroxyethylmethacrylate-co-ethylene glycol dimethacrylate)-based hydrogel device for the implantable delivery of insulin. <i>Journal of Applied Polymer Science</i> , 2012 , 126, 894-905	2.9	8
30	Poly(PEGDMA-MAA) copolymeric micro and nanoparticles for oral insulin delivery. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1760-1767	3.2	9
29	Detection of bioconjugated quantum dots passivated with different ligands for bio-applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 3834-42	1.3	12
28	BIOCONJUGATED QUANTUM DOTS BASED RAPID DETECTION OF PATHOGENIC BACTERIA FROM WATER SAMPLES. <i>International Journal of Nanoscience</i> , 2011 , 10, 199-203	0.6	3
27	Comparative evaluation of glutamate-sensitive radiopharmaceuticals: Technetium-99m-glutamic acid and technetium-99m-diethylenetriaminepentaacetic acid-bis(glutamate) conjugate for tumor imaging. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010 , 25, 645-55	3.9	11
26	Detection of anti-tetanus toxoid antibody on modified polyacrylonitrile fibers. <i>Talanta</i> , 2010 , 82, 1876-88.2		11
25	Radiation grafting of acrylic acid/N-vinyl pyrrolidone binary mixture onto poly(ethylene terephthalate) fabric and growth of human mesenchymal stem cell. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 116-126	2.9	6
24	Synthesis and characterization of quaternary ammonium PEGDA dendritic copolymer networks for water disinfection. <i>Journal of Applied Polymer Science</i> , 2010 , 116, NA-NA	2.9	8
23	Characterization of acrylic acid grafted poly(ethylene terephthalate) fabric. <i>Journal of Applied Polymer Science</i> , 2010 , 117, n/a-n/a	2.9	3
22	Surface modification of cellulose filter paper by glycidyl methacrylate grafting for biomolecule immobilization: Influence of grafting parameters and urease immobilization. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1381-1390	2.9	43
21	Radiation grafting of acrylic acid onto poly(ethylene terephthalate) fabric. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 1199-1208	2.9	22
20	Glycidyl methacrylate-co-N-vinyl-2-pyrrolidone coated polypropylene strips: synthesis, characterization and standardization for dot-enzyme linked immunosorbent assay. <i>Analytica Chimica Acta</i> , 2009 , 632, 256-65	6.6	5
19	Surface modification of polyacrylonitrile fiber for immobilization of antibodies and detection of analyte. <i>Analytica Chimica Acta</i> , 2009 , 654, 103-10	6.6	32
18	Preparation of antimicrobial sutures by preirradiation grafting onto polypropylene monofilament. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1698-1703	3.2	29
17	Synthesis and characterization of pH sensitive poly(PEGDMA-MAA) copolymeric microparticles for oral insulin delivery. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 863-871	2.9	11
16	Synthesis, characterization, and antimicrobial properties of novel quaternary amine methacrylate copolymers. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 2861-2870	2.9	10

15	Development of antimicrobial polypropylene sutures by graft copolymerization. II. Evaluation of physical properties, drug release, and antimicrobial activity. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 3534-3538	2.9	33
14	Sustained release of iodine from a polymeric hydrogel device for water disinfection. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 3334-3340	2.9	17
13	Contact killing antimicrobial acrylic bone cements: preparation and characterization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007 , 18, 131-45	3.5	16
12	Preparation of iodine containing quaternary amine methacrylate copolymers and their contact killing antimicrobial properties. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 1038-1044	2.9	43
11	Development of antimicrobial polypropylene sutures by graft polymerization. I. Influence of grafting conditions and characterization. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 3895-3901	2.9	36
10	Development of PEGDMA: MAA based hydrogel microparticles for oral insulin delivery. <i>International Journal of Pharmaceutics</i> , 2006 , 323, 117-24	6.5	48
9	Development of Membranes by Radiation-Induced Graft Polymerization of Monomers onto Polyethylene Films. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2004 , 44, 275-309		21
8	Modification of LLDPE using esterified styrene maleic anhydride copolymer: Study of its properties and environmental degradability. <i>Journal of Applied Polymer Science</i> , 2004 , 92, 102-108	2.9	9
7	Preparation of antimicrobial sutures by preirradiation grafting of acrylonitrile onto polypropylene monofilament. II. Mechanical, physical, and thermal characteristics. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 1224-1229	2.9	18
6	Preparation of antimicrobial sutures by preirradiation grafting of acrylonitrile onto polypropylene monofilament. III. Hydrolysis of the grafted suture. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 2509-2518	2.9	23
5	Antibacterial multifilament nylon sutures. <i>Biomaterials, Artificial Cells, and Immobilization Biotechnology: Official Journal of the International Society for Artificial Cells and Immobilization Biotechnology</i> , 1991 , 19, 631-48		6
4	Studies on grafting of methacrylic acid on to poly(vinyl chloride) films. <i>British Polymer Journal</i> , 1990 , 22, 89-95		9
3	Radiation induced grafting of methacrylic acid onto silk for the immobilization of antimicrobial drug for sustained delivery. <i>Angewandte Makromolekulare Chemie</i> , 1989 , 172, 87-102		16
2	Effects of synthesis conditions on radiation-induced graft copolymerization of methacrylic acid on to poly(vinyl chloride) films. <i>British Polymer Journal</i> , 1989 , 21, 467-471		5
1	Absorbable Suture Materials: Preparation and Properties. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 1988 , 28, 475-502		18