

List of Publications by Citations

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

61 papers	3,480 citations	24 h-index	58 g-index
64 ext. papers	3,757 ext. citations	5.1 avg, IF	5.53 L-index

#	Paper	IF	Citations
61	Chitin and chitosan polymers: Chemistry, solubility and fiber formation. <i>Progress in Polymer Science</i> , 2009 , 34, 641-678	29.6	1882
60	Green synthesis of gold nanoparticles with Zingiber officinale extract: Characterization and blood compatibility. <i>Process Biochemistry</i> , 2011 , 46, 2007-2013	4.8	226
59	Development of porous spherical hydroxyapatite granules: application towards protein delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 1999 , 10, 383-8	4.5	164
58	Ceramic drug delivery: a perspective. <i>Journal of Biomaterials Applications</i> , 2003 , 17, 253-64	2.9	102
57	Lipoinulin encapsulated alginate-chitosan capsules: intestinal delivery in diabetic rats. <i>Journal of Microencapsulation</i> , 2000 , 17, 405-11	3.4	73
56	Nanoceramic Matrices: Biomedical Applications. <i>American Journal of Biochemistry and Biotechnology</i> , 2006 , 2, 41-48	0.4	61
55	Synthesis and characterization of PEGylated calcium phosphate nanoparticles for oral insulin delivery. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 88, 41-8	3.5	60
54	PEGylated starch acetate nanoparticles and its potential use for oral insulin delivery. <i>Carbohydrate Polymers</i> , 2013 , 95, 1-8	10.3	54
53	Effect of calcium, zinc and magnesium on the attachment and spreading of osteoblast like cells onto ceramic matrices. <i>Journal of Materials Science: Materials in Medicine</i> , 2007 , 18, 699-703	4.5	48
52	Blood compatibility studies of Swarna bhasma (gold bhasma), an Ayurvedic drug. <i>International Journal of Ayurveda Research</i> , 2011 , 2, 14-22		40
51	Alginate encapsulated bioadhesive chitosan microspheres for intestinal drug delivery. <i>Journal of Biomaterials Applications</i> , 1999 , 13, 290-6	2.9	39
50	Raman spectroscopy for the detection of organ distribution and clearance of PEGylated reduced graphene oxide and biological consequences. <i>Biomaterials</i> , 2017 , 131, 121-130	15.6	38
49	Supramolecular hydroxyapatite complexes as theranostic near-infrared luminescent drug carriers. <i>CrystEngComm</i> , 2014 , 16, 9033-9042	3.3	38
48	Green Synthesis of Silver Nanoparticles with Zingiber officinale Extract and Study of its Blood Compatibility. <i>BioNanoScience</i> , 2012 , 2, 144-152	3.4	37
47	Delivery of insulin from hydroxyapatite ceramic microspheres: preliminary in vivo studies. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 61, 660-2		37
46	Adsorption of human IgG on Cu(2+)-immobilized cellulose affinity membrane: preliminary study. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 50, 110-3		35
45	Aggregation induced Raman scattering of squaraine dye: Implementation in diagnosis of cervical cancer dysplasia by SERS imaging. <i>Biosensors and Bioelectronics</i> , 2015 , 70, 145-52	11.8	32

44	Chitosan scaffold co-cultured with keratinocyte and fibroblast heals full thickness skin wounds in rabbit. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 3273-3281	5.4	30
43	Protein interaction with tantalum: changes with oxide layer and hydroxyapatite at the interface. <i>Journal of Biomedical Materials Research Part B</i> , 1992 , 26, 1179-84		30
42	Acetylsalicylic acid loaded poly(vinyl alcohol) hemodialysis membranes: effect of drug release on blood compatibility and permeability. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1997 , 8, 755-64	3.5	27
41	Development and characterization of self-aggregated nanoparticles from anacardoylated chitosan as a carrier for insulin. <i>Carbohydrate Polymers</i> , 2010 , 80, 285-290	10.3	26
40	Synthesis and characterization of alginate coated zinc calcium phosphate nanoparticles for intestinal delivery of insulin. <i>Process Biochemistry</i> , 2012 , 47, 882-886	4.8	25
39	Enhanced delivery of lopinavir to the CNS using Compritol-based solid lipid nanoparticles. <i>Therapeutic Delivery</i> , 2011 , 2, 25-35	3.8	24
38	Polyacrylonitrile-reinforced poly(vinyl alcohol) membranes: Mechanical and dialysis performance. <i>Journal of Applied Polymer Science</i> , 1995 , 57, 1447-1454	2.9	24
37	Tricalcium phosphate delayed release formulation for oral delivery of insulin: a proof-of-concept study. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 875-82	3.9	23
36	Neodymium doped hydroxyapatite theranostic nanoplatforms for colon specific drug delivery applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 539-547	6	21
35	Blood protein adsorption and compatibility studies of gold nanoparticles. <i>Gold Bulletin</i> , 2011 , 44, 15-20	1.6	19
34	Europium Doped Calcium Deficient Hydroxyapatite as Theranostic Nanoplatforms: Effect of Structure and Aspect Ratio. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 3588-3595	5.5	18
33	Inorganic nanoparticles for targeted drug delivery 2020 , 333-373		18
32	Cucurbituril/hydroxyapatite based nanoparticles for potential use in theranostic applications. <i>CrystEngComm</i> , 2014 , 16, 6929-6936	3.3	16
31	Modified Hydroxyapatite Microspheres as Immunoabsorbent for Plasma Perfusion: Preliminary Study. <i>Journal of Colloid and Interface Science</i> , 1995 , 174, 224-229	9.3	16
30	Inorganic nanoparticles for targeted drug delivery 2010 , 204-235		15
29	Infection resistant hydroxyapatite/alginate plastic composite. <i>Journal of Materials Science Letters</i> , 1997 , 16, 2050-2051		15
28	Antibiotic loaded hydroxyapatite osteoconductive implant material In vitro release studies. <i>Journal of Materials Science Letters</i> , 1995 , 14, 1792-1794		13
27	Fatty Acid Conjugated Calcium Phosphate Nanoparticles for Protein Delivery. <i>International Journal of Applied Ceramic Technology</i> , 2010 , 7, 129-138	2	12

26	Differential Healing of Full Thickness Rabbit Skin Wound by Fibroblast Loaded Chitosan Sponge. <i>Journal of Biomaterials and Tissue Engineering</i> , 2013 , 3, 261-272	0.3	12
25	Polyethylene glycol (PEG) modified bovine pericardium as a biomaterial: a comparative study on immunogenicity. <i>Journal of Biomaterials Applications</i> , 1998 , 13, 158-65	2.9	11
24	Use of a "self-cleaning" oven to clean liquid scintillation vials and other glassware. <i>Analytical Biochemistry</i> , 1969 , 30, 465-7	3.1	11
23	Separation of conjugated urinary estrogens on columns of sephadex. II. Sequential separations. <i>Journal of Chromatography A</i> , 1969 , 45, 392-9	4.5	10
22	Chitosan scaffold co-cultured with keratinocyte and fibroblast heals full thickness skin wounds in rabbit. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 3273-81	5.4	10
21	Copper complexed polymer carriers for IgG adsorption. <i>Journal of Colloid and Interface Science</i> , 2010 , 352, 178-85	9.3	8
20	Separation of conjugated urinary estrogens on columns of sephadex. I. Optimization of conditions. <i>Journal of Chromatography A</i> , 1969 , 45, 381-91	4.5	8
19	Organ distribution and biological compatibility of surface-functionalized reduced graphene oxide. <i>Nanotechnology</i> , 2020 , 31, 075303	3.4	8
18	Eudragit encapsulated cationic poly (lactic-co-glycolic acid) nanoparticles in targeted delivery of capecitabine for augmented colon carcinoma therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 46, 302-311	4.5	8
17	Aggregation of gold nanoparticles followed by methotrexate release enables Raman imaging of drug delivery into cancer cells. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	7
16	Alginate Encapsulated Anacardic Acid-Chitosan Self Aggregated Nanoparticles for Intestinal Delivery of Protein Drugs. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2013 , 1, 82-91		7
15	Variable decomposition by environmental contaminants in air of estrogens on glass plates coated with silica gel for thin-layer chromatography. <i>Analytical Biochemistry</i> , 1970 , 34, 71-3	3.1	7
14	Die quantitative spektralanalytische Bestimmung von Fluor in organischer und anorganischer Substanz. <i>Angewandte Chemie</i> , 1940 , 53, 573-576	3.6	6
13	Vanadium pentoxide nanoparticle mediated perturbations in cellular redox balance and the paradigm of autophagy to apoptosis. <i>Free Radical Biology and Medicine</i> , 2020 , 161, 198-211	7.8	6
12	Polyetherurethaneurea reinforced poly(vinyl alcohol) dialysis membranes: studies on permeability and mechanical strength. <i>Bulletin of Materials Science</i> , 1994 , 17, 1065-1070	1.7	5
11	Gas chromatographic determination of estrone, estradiol and estriol in non-pregnancy plasma. <i>Mikrochimica Acta</i> , 1970 , 58, 491-503	5.8	5
10	Calcium phosphate nanoplatforms for drug delivery and theranostic applications 2018 , 163-179		3
9	Nature vs. nurture: gold perpetuates "stemness". <i>Journal of Stem Cells</i> , 2011 , 6, 181-98		3

8	The effect of potassium, calcium and magnesium concentration on insulin and glucagon secretion of the perfused dog pancreas. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1985 , 86, 61-8	2.3	2
7	Vanadium pentoxide nanoplates: Synthesis, characterization and unveiling the intrinsic anti-bacterial activity. <i>Materials Letters</i> , 2020 , 269, 127673	3.3	1
6	Natural bioresorbable polymers 2008 , 67-94		1
5	Lipoprotein adsorption onto modified chitosan beads: preliminary study. <i>Biomaterials, Artificial Cells, and Immobilization Biotechnology: Official Journal of the International Society for Artificial Cells and Immobilization Biotechnology</i> , 1993 , 21, 659-64		1
4	Eligen® Technology for Oral Delivery of Proteins and Peptides 2014 , 407-422		1
3	Gallium-Curcumin Nanoparticle Conjugates as an Antibacterial Agent against : Synthesis and Characterization.. <i>ACS Omega</i> , 2022 , 7, 6795-6809	3.9	1
2	Bioceramic ScaffoldBone Tissue Engineering 2012 , 83-95		
1	Antithrombotic activity of an unsaturated fatty acid preparation--comments. <i>Thrombosis Research</i> , 1991 , 62, 353-4	8.2	