Chandra Prakash Sharmaâ€

List of Publications by Year
in descending order

163	8,907	61984 43	46799 89
papers	citations	h-index	g-index

163	163	163	11058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chitin and chitosan polymers: Chemistry, solubility and fiber formation. Progress in Polymer Science, 2009, 34, 641-678.	24.7	2,236
2	Use of chitosan as a biomaterial: Studies on its safety and hemostatic potential. Journal of Biomedical Materials Research Part B, 1997, 34, 21-28.	3.1	634
3	Review Paper: Absorbable Polymeric Surgical Sutures: Chemistry, Production, Properties, Biodegradability, and Performance. Journal of Biomaterials Applications, 2010, 25, 291-366.	2.4	270
4	Fluorescent gold clusters as nanosensors for copper ions in live cells. Analyst, The, 2011, 136, 933-940.	3.5	246
5	Cyclodextrinâ€“insulin complex encapsulated polymethacrylic acid based nanoparticles for oral insulin delivery. International Journal of Pharmaceutics, 2006, 325, 147-154.	5.2	227
6	Synthesis and evaluation of lauryl succinyl chitosan particles towards oral insulin delivery and absorption. Journal of Controlled Release, 2009, 135, 144-151.	9.9	212
7	Development of porous spherical hydroxyapatite granules: application towards protein delivery. Journal of Materials Science: Materials in Medicine, 1999, 10, 383-388.	3.6	179
8	Chitosan/calcium alginate microcapsules for intestinal delivery of nitrofurantoin. Journal of Microencapsulation, 1996, 13, 319-329.	2.8	163
9	Chitosan matrix for oral sustained delivery of ampicillin. Biomaterials, 1993, 14, 939-944.	11.4	145
10	An overview of natural polymers for oral insulin delivery. Drug Discovery Today, 2012, 17, 784-792.	6.4	138
11	Oral delivery of therapeutic protein/peptide for diabetes â€“ Future perspectives. International Journal of Pharmaceutics, 2013, 440, 48-62.	5.2	137
12	Cyclodextrin complexed insulin encapsulated hydrogel microparticles: An oral delivery system for insulin. Journal of Controlled Release, 2010, 147, 377-384.	9.9	117
13	Ceramic Drug Delivery: A Perspective. Journal of Biomaterials Applications, 2003, 17, 253-264.	2.4	114
14	Blood compatibility and in vitro transfection studies on cationically modified pullulan for liver cell targeted gene delivery. Biomaterials, 2009, 30, 6655-6664.	11.4	105
15	Chitosan beads and granules for oral sustained delivery of nifedipine: in vitro studies. Biomaterials, 1992, 13, 949-952.	11.4	99
16	Hemocompatible pullulanâ€“polyethyleneimine conjugates for liver cell gene delivery: In vitro evaluation of cellular uptake, intracellular trafficking and transfection efficiency. Acta Biomaterialia, 2011, 7, 370-379.	8.3	98
17	Prostaglandin E1-immobilized poly(vinyl alcohol)-blended chitosan membranes: Blood compatibility and permeability properties. Journal of Applied Polymer Science, 1992, 44, 2145-2156.	2.6	94
18	Development of lauroyl sulfated chitosan for enhancing hemocompatibility of chitosan. Colloids and Surfaces B: Biointerfaces, 2011, 84, 561-570.	5.0	90

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19	Lipoinsulin encapsulated alginate-chitosan capsules: intestinal delivery in diabetic rats. Journal of Microencapsulation, 2000, 17, 405-411.	2.8	85
20	Development of chitosan/polyethylene vinyl acetate co-matrix: controlled release of aspirin-heparin for preventing cardiovascular thrombosis. Biomaterials, 1997, 18, 375-381.	11.4	78
21	Novel pH responsive polymethacrylic acid-chitosan-polyethylene glycol nanoparticles for oral peptide delivery. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2006, 76B, 298-305.	3.4	77
22	Thiol functionalized polymethacrylic acid-based hydrogel microparticles for oral insulin delivery. Acta Biomaterialia, 2010, 6, 3072-3080.	8.3	74
23	Hemocompatible curcuminâ€“dextran micelles as pH sensitive pro-drugs for enhanced therapeutic efficacy in cancer cells. Carbohydrate Polymers, 2016, 137, 497-507.	10.2	69
24	Synthesis and characterization of PEGylated calcium phosphate nanoparticles for oral insulin delivery. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 41-48.	3.4	67
25	PEGylated starch acetate nanoparticles and its potential use for oral insulin delivery. Carbohydrate Polymers, 2013, 95, 1-8.	10.2	67
26	Polylysineâ€Immobilized Chitosan Beads as Adsorbents for Bilirubin. Artificial Organs, 1992, 16, 568-576.	1.9	65
27	InÂvitro cytotoxicity and cellular uptake of curcumin-loaded Pluronic/Polycaprolactone micelles in colorectal adenocarcinoma cells. Journal of Biomaterials Applications, 2013, 27, 811-827.	2.4	64
28	Folate mediated histidine derivative of quaternised chitosan as a gene delivery vector. International Journal of Pharmaceutics, 2010, 389, 176-185.	5.2	62
29	Challenges and advances in nanoparticle-based oral insulin delivery. Expert Review of Medical Devices, 2009, 6, 665-676.	2.8	60
30	Spermine grafted galactosylated chitosan for improved nanoparticle mediated gene delivery. International Journal of Pharmaceutics, 2011, 410, 125-137.	5.2	58
31	Effect of calcium, zinc and magnesium on the attachment and spreading of osteoblast like cells onto ceramic matrices. Journal of Materials Science: Materials in Medicine, 2007, 18, 699-703.	3.6	54
32	Folate mediated in vitro targeting of depolymerised trimethylated chitosan having arginine functionality. Journal of Colloid and Interface Science, 2010, 348, 360-368.	9.4	52
33	Surface-functionalized polymethacrylic acid based hydrogel microparticles for oral drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 74, 209-218.	4.3	50
34	Fluorescent and superparamagnetic hybrid quantum clusters for magnetic separation and imaging of cancer cells from blood. Nanoscale, 2011, 3, 4780.	5.6	50
35	Acyl modified chitosan derivatives for oral delivery of insulin and curcumin. Journal of Materials Science: Materials in Medicine, 2010, 21, 2133-2140.	3.6	49
36	Sensing of lead ions using glutathione mediated end to end assembled gold nanorod chains. Sensors and Actuators B: Chemical, 2011, 156, 791-797.	7.8	49

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37	Green Synthesis of Silver Nanoparticles with Zingiber officinale Extract and Study of its Blood Compatibility. BioNanoScience, 2012, 2, 144-152.	3.5	49
38	Magnetic and degradable polymer/bioactive glass composite nanoparticles for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2013, 101, 196-204.	5.0	49
39	Blood compatibility studies of Swarna bhasma (gold bhasma), an Ayurvedic drug. International Journal of Ayurveda Research, 2011, 2, 14.	0.3	48
40	Evaluation of in-vitro cytotoxicity and cellular uptake efficiency of zidovudine-loaded solid lipid nanoparticles modified with Aloe Vera in glioma cells. Materials Science and Engineering C, 2016, 66, 40-50.	7.3	48
41	Bioadhesive hydrophobic chitosan microparticles for oral delivery of insulin: In vitro characterization and in vivo uptake studies. Journal of Applied Polymer Science, 2011, 119, 2902-2910.	2.6	47
42	In vitro evaluation of N-(2-hydroxy) propyl-3-trimethyl ammonium chitosan for oral insulin delivery. Carbohydrate Polymers, 2011, 84, 103-109.	10.2	47
43	Supramolecular hydroxyapatite complexes as theranostic near-infrared luminescent drug carriers. CrystEngComm, 2014, 16, 9033-9042.	2.6	47
44	Beta cyclodextrin-insulin-encapsulated chitosan/alginate matrix: Oral delivery system. Journal of Applied Polymer Science, 2000, 75, 1089-1096.	2.6	45
45	Interpolymer complex microparticles based on polymethacrylic acid-chitosan for oral insulin delivery. Journal of Applied Polymer Science, 2006, 99, 506-512.	2.6	45
46	Bright blue emitting CuSe/ZnS/silica core/shell/shell quantum dots and their biocompatibility. Biomaterials, 2012, 33, 6420-6429.	11.4	43
47	Alginate Encapsulated Bioadhesive Chitosan Microspheres for Intestinal Drug Delivery. Journal of Biomaterials Applications, 1999, 13, 290-296.	2.4	42
48	Delivery of insulin from hydroxyapatite ceramic microspheres: Preliminaryin vivo studies. Journal of Biomedical Materials Research Part B, 2002, 61, 660-662.	3.1	41
49	Supported Cell Mimetic Monolayers and Their Interaction with Blood. Langmuir, 2004, 20, 11115-11122.	3.5	40
50	Dextran-protamine polycation: An efficient nonviral and haemocompatible gene delivery system. Colloids and Surfaces B: Biointerfaces, 2010, 81, 195-205.	5.0	40
51	Adsorption of human IgG on Cu2+-immobilized cellulose affinity membrane: Preliminary study. , 2000, 50, 110-113.		39
52	In Vivo Absorption Studies of Insulin from an Oral Delivery System. Drug Delivery, 2001, 8, 19-23.	5.7	38
53	Unraveling the Intracellular Efficacy of Dextran-Histidine Polycation as an Efficient Nonviral Gene Delivery System. Molecular Pharmaceutics, 2012, 9, 121-134.	4.6	37
54	Gold nanoparticle incorporated polymer/bioactive glass composite for controlled drug delivery application. Colloids and Surfaces B: Biointerfaces, 2015, 126, 280-287.	5.0	36

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55	Poly(2-oxazoline) block copolymer nanoparticles for curcumin loading and delivery to cancer cells. European Polymer Journal, 2017, 93, 682-694.	5.4	36
56	Effect of thiol functionalization on the hemoâ€compatibility of PLGA nanoparticles. Journal of Biomedical Materials Research - Part A, 2011, 99A, 607-617.	4.0	35
57	Pullulanâ€“protamine as efficient haemocompatible gene delivery vector: Synthesis and in vitro characterization. Carbohydrate Polymers, 2014, 102, 207-215.	10.2	35
58	Sterilization of Chitosan: Implications. Journal of Biomaterials Applications, 1995, 10, 136-143.	2.4	34
59	Protein interaction with tantalum: Changes with oxide layer and hydroxyapatite at the interface. Journal of Biomedical Materials Research Part B, 1992, 26, 1179-1184.	3.1	33
60	Studies on the condensation of depolymerized chitosans with DNA for preparing chitosanâ€DNA nanoparticles for gene delivery applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 89B, 282-292.	3.4	33
61	Biomimetic mucin modified PLGA nanoparticles for enhanced blood compatibility. Journal of Colloid and Interface Science, 2013, 409, 237-244.	9.4	33
62	Activated Charcoal Microcapsules and their Applications. Journal of Biomaterials Applications, 1998, 13, 128-157.	2.4	32
63	Oral Insulin â€“ a Perspective. Journal of Biomaterials Applications, 2003, 17, 183-196.	2.4	32
64	In vitro and in vivo evaluation of curcumin loaded lauroyl sulphated chitosan for enhancing oral bioavailability. Carbohydrate Polymers, 2013, 95, 441-448.	10.2	32
65	Dextranâ€“glycidyltrimethylammonium chloride conjugate/DNA nanoplex: A potential non-viral and haemocompatible gene delivery system. International Journal of Pharmaceutics, 2010, 389, 195-206.	5.2	31
66	Possible contributions of surface energy and interfacial parameters of synthetic polymers to blood compatibility. Biomaterials, 1981, 2, 57-59.	11.4	30
67	Bioactive molecules immobilized to liposome modified albumin-blended chitosan membranesâ€”Antithrombotic and permeability properties. Journal of Colloid and Interface Science, 1989, 130, 331-340.	9.4	30
68	Acetylsalicylic acid loaded poly(vinyl alcohol) hemodialysis membranes: effect of drug release on blood compatibility and permeability. Journal of Biomaterials Science, Polymer Edition, 1997, 8, 755-764.	3.5	30
69	Neodymium doped hydroxyapatite theranostic nanoplatforms for colon specific drug delivery applications. Colloids and Surfaces B: Biointerfaces, 2016, 145, 539-547.	5.0	29
70	Blood-Compatible Materials: A Perspective. Journal of Biomaterials Applications, 2001, 15, 359-381.	2.4	28
71	Development and characterization of self-aggregated nanoparticles from anacardoylated chitosan as a carrier for insulin. Carbohydrate Polymers, 2010, 80, 285-290.	10.2	28
72	Enhanced delivery of lopinavir to the CNS using Compritol^{Â®}-based solid lipid nanoparticles. Therapeutic Delivery, 2011, 2, 25-35.	2.2	28

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73	Inhibition ofin vitro calcium phosphate precipitation in presence of polyurethane via surface modification and drug delivery. Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials, 1994, 5, 245-254.	1.2	27
74	Enhanced in-vitro transfection and biocompatibility of l-arginine modified oligo (-alkylaminosiloxanes)-graft-polyethylenimine. Biomaterials, 2010, 31, 8759-8769.	11.4	27
75	Folate mediated l-arginine modified oligo (alkylaminosiloxane) graft poly (ethyleneimine) for tumor targeted gene delivery. Biomaterials, 2011, 32, 3030-3041.	11.4	27
76	Pullulan-histone antibody nanoconjugates for the removal of chromatin fragments from systemic circulation. Biomaterials, 2013, 34, 6328-6338.	11.4	27
77	Polyacrylonitrile-reinforced poly(vinyl alcohol) membranes: Mechanical and dialysis performance. Journal of Applied Polymer Science, 1995, 57, 1447-1454.	2.6	24
78	Stimuli Sensitive Polymethacrylic Acid Microparticles (PMAA) â€“ Oral Insulin Delivery. Journal of Biomaterials Applications, 2002, 17, 125-134.	2.4	24
79	Submicroparticles composed of amphiphilic chitosan derivative for oral insulin and curcumin release applications. Colloids and Surfaces B: Biointerfaces, 2011, 88, 722-728.	5.0	24
80	Europium Doped Calcium Deficient Hydroxyapatite as Theranostic Nanoplatforms: Effect of Structure and Aspect Ratio. ACS Biomaterials Science and Engineering, 2017, 3, 3588-3595.	5.2	24
81	Heparin Immobilized Chitosan - Poly Ethylene Glycol Interpenetrating Network: Antithrombogenicity. Artificial Cells, Blood Substitutes, and Biotechnology, 1995, 23, 175-192.	0.9	23
82	Tricalcium Phosphate Delayed Release Formulation for Oral Delivery of Insulin: A Proof-of-Concept Study. Journal of Pharmaceutical Sciences, 2008, 97, 875-882.	3.3	23
83	Mucoadhesive hydrogel microparticles based on poly (methacrylic acid-vinyl pyrrolidone)-chitosan for oral drug delivery. Drug Delivery, 2011, 18, 227-235.	5.7	23
84	Effect of liposome-albumin coatings on ferric ion retention and release from chitosan beads. Biomaterials, 1996, 17, 61-66.	11.4	21
85	Phthalyl chitosanâ€“poly(ethylene oxide) semiâ€interpenetrating polymer network microparticles for oral protein delivery: An in vitro characterization. Journal of Applied Polymer Science, 2008, 110, 2787-2795.	2.6	21
86	Targeted coadministration of sparingly soluble paclitaxel and curcumin into cancer cells by surface engineered magnetic nanoparticles. Journal of Materials Chemistry, 2011, 21, 15708.	6.7	21
87	Poly(lactide-co-glycolide)â€“Laponiteâ€“F68 Nanocomposite Vesicles through a Single-Step Double-Emulsion Method for the Controlled Release of Doxorubicin. Langmuir, 2012, 28, 4559-4564.	3.5	21
88	Fibrinogen-aluminium interaction: Changes with oxide layer thickness onto metal surface. Journal of Biomedical Materials Research Part B, 1990, 24, 455-462.	3.1	20
89	Platelet adhesion to surfaces treated with glow discharge and albumin. Journal of Biomedical Materials Research Part B, 1986, 20, 677-682.	3.1	19
90	Glucosylated polymeric nanoparticles: A sweetened approach against blood compatibility paradox. Colloids and Surfaces B: Biointerfaces, 2013, 108, 337-344.	5.0	19

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91	Elastin-like recombinamers with acquired functionalities for gene-delivery applications. Journal of Biomedical Materials Research - Part A, 2015, 103, 3166-3178.	4.0	19
92	Simultaneous Effect of Thiolation and Carboxylation of Chitosan Particles Towards Mucoadhesive Oral Insulin Delivery Applications: An <I>In</I> <I>Vitro</I> and <I>In</I> <I>Vivo</I> Evaluation. Journal of Biomedical Nanotechnology, 2015, 11, 165-176.	1.1	19
93	Changes in Albumin/Platelet Interaction with an Artificial Surfaceâ€”Due to Antibiotics, Pyridoxal Phosphate, and Lymphocytes. Artificial Organs, 1988, 12, 143-151.	1.9	18
94	Effect of plasma glow, glutaraldehyde and carbodiimide treatments on the enzymic degradation of poly(L-lactic acid) and poly(Î³-benzyl-L-glutamate) films. Biomaterials, 1991, 12, 677-682.	11.4	18
95	Preparation and performance of chitosan encapsulated activated charcoal (ACCB) adsorbents for small molecules. Journal of Microencapsulation, 1993, 10, 475-486.	2.8	18
96	Development of Artificial Skin (Template) and Influence of Different Types of Sterilization Procedures on Wound Healing Pattern in Rabbits and Guinea Pigs. Journal of Biomaterials Applications, 1995, 10, 144-162.	2.4	18
97	Infection resistant hydroxyapatite/alginate plastic composite. Journal of Materials Science Letters, 1997, 16, 2050-2051.	0.5	18
98	Development and evaluation of cyclodextrin complexed hydroxyapatite nanoparticles for preferential albumin adsorption. Colloids and Surfaces B: Biointerfaces, 2011, 85, 221-228.	5.0	18
99	Cucurbituril/hydroxyapatite based nanoparticles for potential use in theranostic applications. CrystEngComm, 2014, 16, 6929-6936.	2.6	18
100	Modified Hydroxyapatite Microspheres as Immunoadsorbent for Plasma Perfusion: Preliminary Study. Journal of Colloid and Interface Science, 1995, 174, 224-229.	9.4	17
101	Structural studies on bovine bioprosthetic tissues and their in vivo calcification: prevention via drug delivery. Biomaterials, 1996, 17, 577-585.	11.4	17
102	Albumin adsorption on to aluminium oxide and polyurethane surfaces. Biomaterials, 1990, 11, 255-257.	11.4	16
103	Glucose-responsive insulin release from poly(vinyl alcohol)-blended polyacrylamide membranes containing glucose oxidase. Journal of Applied Polymer Science, 1992, 46, 1159-1167.	2.6	16
104	Cell mimetic lateral stabilization of outer cell mimetic bilayer on polymer surfaces by peptide bonding and their blood compatibility. Journal of Biomedical Materials Research - Part A, 2006, 79A, 23-35.	4.0	16
105	Poly Methacrylic Acid-Alginate Semi-IPN Microparticles for Oral Delivery of Insulin: A Preliminary Investigation. Journal of Biomaterials Applications, 2004, 19, 35-45.	2.4	15
106	Cell mimetic monolayer supported chitosan-haemocompatibility studies. Journal of Biomedical Materials Research - Part A, 2006, 79A, 147-152.	4.0	15
107	Poly methacrylic acid modified CDHA nanocomposites as potential pH responsive drug delivery vehicles. Colloids and Surfaces B: Biointerfaces, 2013, 108, 219-228.	5.0	15
108	Glutamineâ€chitosan microparticles as oral insulin delivery matrix: In vitro characterization. Journal of Applied Polymer Science, 2011, 122, 2374-2382.	2.6	14

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109	Differential Healing of Full Thickness Rabbit Skin Wound by Fibroblast Loaded Chitosan Sponge. Journal of Biomaterials and Tissue Engineering, 2013, 3, 261-272.	0.1	14
110	Prostacyclin immobilized albuminated surfaces. Journal of Biomedical Materials Research Part B, 1987, 21, 937-945.	3.1	13
111	Antibiotic loaded hydroxyapatite osteoconductive implant material ? in vitro release studies. Journal of Materials Science Letters, 1995, 14, 1792-1794.	0.5	13
112	The Antithrombotic versus Calcium Antagonistic Effects of Polyethylene Glycol Grafted Bovine Pericardium. Journal of Biomaterials Applications, 1999, 14, 48-66.	2.4	13
113	Novel polyelectrolyte complexes based on poly(methacrylic acid)-bis(2-aminopropyl)poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlo	3.5	13
114	Fatty Acid Conjugated Calcium Phosphate Nanoparticles for Protein Delivery. International Journal of Applied Ceramic Technology, 2010, 7, 129-138.	2.1	13
115	Nanomedicine for gene therapy. Drug Delivery and Translational Research, 2013, 3, 437-445.	5.8	13
116	Enhanced intracellular uptake and endocytic pathway selection mediated by hemocompatible ornithine grafted chitosan polycation for gene delivery. Colloids and Surfaces B: Biointerfaces, 2014, 122, 792-800.	5.0	13
117	Blood Compatible Nanostructured Lipid Carriers for the Enhanced Delivery of Azidothymidine to Brain. Advanced Science Letters, 2012, 6, 47-55.	0.2	13
118	Changes in Polyurethane Calcification Due to Antibiotics. Artificial Organs, 1996, 20, 752-760.	1.9	12
119	Influence of Polyethylene Glycol Graftings on the in Vitro Degradation and Calcification of Bovine Pericardium. Journal of Biomaterials Applications, 1997, 11, 430-452.	2.4	12
120	Folic acidâ€conjugated depolymerized quaternized chitosan as potential targeted gene delivery vector. Polymer International, 2011, 60, 1097-1106.	3.1	12
121	Recent Advances in the Oral Delivery of Insulin. Recent Patents on Drug Delivery and Formulation, 2014, 8, 155-159.	2.1	12
122	Eudragit encapsulated cationic poly (lactic-co-glycolic acid) nanoparticles in targeted delivery of capecitabine for augmented colon carcinoma therapy. Journal of Drug Delivery Science and Technology, 2018, 46, 302-311.	3.0	12
123	Calcium Phosphates as Drug Delivery Systems. Journal of Biomaterials and Tissue Engineering, 2012, 2, 269-279.	0.1	12
124	<I>In Vitro</I> Evaluation of Thiolated Polydimethylaminoethylmethacrylate Hydrogel Sub-Microparticles for Oral Insulin Delivery. Journal of Biomedical Nanotechnology, 2013, 9, 590-600.	1.1	11
125	Influence of steroid hormones on protein-platelet interaction at the blood-polymer interface. Biomaterials, 1989, 10, 609-616.	11.4	10
126	The Effect of Antihypertensive Drugs on Protein Adsorption, Platelet Adhesion, and Blood Coagulation Toward an Artificial Surface. Artificial Organs, 1989, 13, 219-228.	1.9	10

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127	Biomaterials: Role of surface modifications. Bulletin of Materials Science, 1994, 17, 1317-1329.	1.7	10
128	Supramolecular curcuminâ€“barium prodrugs for formulating with ceramic particles. Colloids and Surfaces B: Biointerfaces, 2014, 122, 301-308.	5.0	10
129	Synergistic Effect of Released Aspirin/Heparin for Preventing Bovine Pericardial Calcification. Artificial Organs, 2000, 24, 129-136.	1.9	9
130	The Anticalcification Effect of Polyethylene Glycol â€“ Immobilized on Hexamethylene Diisocyanate Treated Pericardium. Artificial Cells, Blood Substitutes, and Biotechnology, 2000, 28, 79-94.	0.9	9
131	Inhibition of Bioprosthesis Calcification Due to Synergistic Effect of Fe/Mg Ions to Polyethylene Glycol Grafted Bovine Pericardium. Journal of Biomaterials Applications, 2001, 16, 93-107.	2.4	9
132	InÂvitro evaluation of quaternized polydimethylaminoethylmethacrylate sub-microparticles for oral insulin delivery. Journal of Biomaterials Applications, 2013, 28, 62-73.	2.4	9
133	Effects of lipoproteins on protein/platelet interaction on polymers. Journal of Biomedical Materials Research Part B, 1991, 25, 1085-1094.	3.1	8
134	Anesthetic and ferric-magnesium ion combinations as calcium antagonists for glutaraldehyde-treated pericardial tissues. Clinical Materials, 1994, 17, 165-172.	0.5	8
135	Copper complexed polymer carriers for IgG adsorption. Journal of Colloid and Interface Science, 2010, 352, 178-185.	9.4	8
136	Tryptophan complexed hydroxyapatite nanoparticles for immunoglobulin adsorption. Journal of Materials Science: Materials in Medicine, 2011, 22, 2219-2229.	3.6	8
137	Glutaraldehyde Treated Bovine Pericardium: Changes in Calcification Due to Vitamins and Platelet Inhibitors. Artificial Organs, 1997, 21, 1007-1013.	1.9	7
138	N-hydroxypropyltrimethylammonium polydimethylaminoethylmethacrylate sub-microparticles for oral delivery of insulinâ€”An in vitro evaluation. Colloids and Surfaces B: Biointerfaces, 2013, 107, 205-212.	5.0	7
139	<I>In Vitro</I> Cell Culture Evaluation and <I>In Vivo</I> Efficacy of Amphiphilic Chitosan for Oral Insulin Delivery. Journal of Biomedical Nanotechnology, 2013, 9, 167-176.	1.1	7
140	The Preparation of a Urokinaseâ€ATâ€IIâ€PGE₁â€Methyldopa Complex, and Its Effects on Platelet Adhesion, Coagulation Times, Protein Adsorption, and Fibrinolysis. Artificial Organs, 1989, 13, 229-237.	1.9	6
141	Intracellular Trafficking Mechanism and Cytosolic Protein Interactions of a Non Viral Gene Delivery Vector: Studies Based on Transferrin Conjugated Pullulan-PEI. Current Nanoscience, 2011, 7, 879-885.	1.2	6
142	pH Sensitive Thiolated Cationic Hydrogel for Oral Insulin Delivery. Journal of Biomedical Nanotechnology, 2014, 10, 642-650.	1.1	6
143	Synthesis, Characterization and Bio-Labeling Studies of Trypsin Stabilized Silver Quantum Clusters. Journal of Biomaterials and Tissue Engineering, 2012, 2, 299-306.	0.1	6
144	Polyetherurethaneurea reinforced poly(vinyl alcohol) dialysis membranes: studies on permeability and mechanical strength. Bulletin of Materials Science, 1994, 17, 1065-1070.	1.7	5

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145	Modified Polyacrylamide Microspheres as Immunosorbent: Trivandrum-695012. India.. Artificial Cells, Blood Substitutes, and Biotechnology, 1997, 25, 541-550.	0.9	5
146	Covalently Bonded Heparin to Alter the Pericardial Calcification. Artificial Cells, Blood Substitutes, and Biotechnology, 2000, 28, 241-253.	0.9	5
147	Surface modification of polyurethane films by liposome-encapsulated heparin. Journal of Colloid and Interface Science, 1990, 137, 289-291.	9.4	4
148	Effects of Double Cross-Linking Technique on the Enzymatic Degradation and Calcification of Bovine Pericardia. Journal of Biomaterials Applications, 2000, 14, 273-295.	2.4	4
149	Lipid adsorption/absorption on polycarbonate surfaces â€" an understanding. Bulletin of Materials Science, 1983, 5, 127-131.	1.7	3
150	Surface modification of polyvinyl chloride towards blood compatibility. Bulletin of Materials Science, 1984, 6, 1087-1091.	1.7	3
151	Fig tree sap: antithrombogenicity on nylon surfaces. Bulletin of Materials Science, 1985, 7, 75-77.	1.7	3
152	Comparative Complement Activation Study of Polypropylene Hollow Fibres of Two Different Makes in Static Condition. Journal of Biomaterials Applications, 1998, 12, 300-320.	2.4	3
153	Influence of Steroid Hormones on Bovine Pericardial Calcification. Journal of Biomaterials Applications, 2001, 16, 109-124.	2.4	3
154	Nano-anisotropic surface coating based on drug immobilized pendant polymer to suppress macrophage adhesion response. Colloids and Surfaces B: Biointerfaces, 2015, 128, 8-16.	5.0	3
155	Radiation-induced modification of polyurethane with hydroxyethyl methacrylate: blood compatibility. Bulletin of Materials Science, 1985, 7, 71-73.	1.7	2
156	Use of quartz crystal nanobalance to study the binding and stabilization of albumin and doxycycline on a thin layer of hydroxyapatite. Applied Surface Science, 2011, 258, 1666-1669.	6.1	2
157	Glutaraldehyde proteinated surfaces: blood compatibility. Bulletin of Materials Science, 1983, 5, 103-109.	1.7	1
158	Development of Silastic Polyurethane (Angioflex) Materials with Antibacterial Agent. Journal of Biomaterials Applications, 1996, 10, 210-216.	2.4	1
159	Letter to the editor. Journal of Microencapsulation, 1998, 15, 525-526.	2.8	1
160	Cell-mimetic coatings for immune spheres. Colloids and Surfaces B: Biointerfaces, 2014, 123, 845-851.	5.0	1
161	Trypsinated (immobilized) nylon surfaces: antithrombogenicity. Bulletin of Materials Science, 1985, 7, 79-81.	1.7	0
162	Polyelektrolytmembranen aus Chitosan. Acta Polymerica, 1990, 41, 198-199.	0.9	0

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163	Antithrombotic activity of an unsaturated fatty acid preparation-comments. Thrombosis Research, 1991, 62, 353-354.	1.7	0