

Satya Prakash

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

10,476
citations

38720

50
h-index

36008

97
g-index

168
all docs

168
docs citations

168
times ranked

18280
citing authors

#	ARTICLE	IF	CITATIONS
1	Microencapsulated <i>Bifidobacterium longum</i> subsp. <i>infantis</i> ATCC 15697 Favorably Modulates Gut Microbiota and Reduces Circulating Endotoxins in F344 Rats. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	2,927
2	Microbiome, probiotics and neurodegenerative diseases: deciphering the gut brain axis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3769-3787.	2.4	362
3	Cholesterol-lowering efficacy of a microencapsulated bile salt hydrolase-active <i>Lactobacillus reuteri</i> NCIMB 30242 yoghurt formulation in hypercholesterolaemic adults. <i>British Journal of Nutrition</i> , 2012, 107, 1505-1513.	1.2	246
4	Polymeric nanohybrids and functionalized carbon nanotubes as drug delivery carriers for cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 1340-1351.	6.6	226
5	Cholesterol lowering and inhibition of sterol absorption by <i>Lactobacillus reuteri</i> NCIMB 30242: a randomized controlled trial. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 1234-1241.	1.3	212
6	Microencapsulated genetically engineered live <i>E. coli</i> DH5 cells administered orally to maintain normal plasma urea level in uremic rats. <i>Nature Medicine</i> , 1996, 2, 883-887.	15.2	204
7	Gut microbiota: next frontier in understanding human health and development of biotherapeutics. <i>Biologics: Targets and Therapy</i> , 2011, 5, 71.	3.0	181
8	Synthesis of TAT peptide-tagged PEGylated chitosan nanoparticles for siRNA delivery targeting neurodegenerative diseases. <i>Biomaterials</i> , 2013, 34, 1270-1280.	5.7	161
9	Antimicrobial properties of nitric oxide and its application in antimicrobial formulations and medical devices. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 401-407.	1.7	158
10	Complements and the Wound Healing Cascade: An Updated Review. <i>Plastic Surgery International</i> , 2013, 2013, 1-7.	0.7	153
11	Cholesterol lowering with bile salt hydrolase-active probiotic bacteria, mechanism of action, clinical evidence, and future direction for heart health applications. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 631-642.	1.4	140
12	Oral Supplementation With Probiotic <i>L. reuteri</i> NCIMB 30242 Increases Mean Circulating 25-Hydroxyvitamin D: A Post Hoc Analysis of a Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2944-2951.	1.8	134
13	Microbial Medicine: Prebiotic and Probiotic Functional Foods to Target Obesity and Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2890.	1.8	133
14	Effect of Probiotics <i>Lactobacillus</i> and <i>Bifidobacterium</i> on Gut-Derived Lipopolysaccharides and Inflammatory Cytokines: An In Vitro Study Using a Human Colonic Microbiota Model. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 518-526.	0.9	129
15	Bone Marrow Stem Cell Derived Paracrine Factors for Regenerative Medicine: Current Perspectives and Therapeutic Potential. <i>Bone Marrow Research</i> , 2011, 2011, 1-14.	1.7	124
16	Probiotics in colorectal cancer (CRC) with emphasis on mechanisms of action and current perspectives. <i>Journal of Medical Microbiology</i> , 2013, 62, 1107-1123.	0.7	118
17	The human microbiome and bile acid metabolism: dysbiosis, dysmetabolism, disease and intervention. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 467-482.	1.4	116
18	Human Serum Albumin Nanoparticles for Use in Cancer Drug Delivery: Process Optimization and In Vitro Characterization. <i>Nanomaterials</i> , 2016, 6, 116.	1.9	113

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19	Human serum albumin nanoparticles as an efficient noscapine drug delivery system for potential use in breast cancer: preparation and in vitro analysis. <i>International Journal of Nanomedicine</i> , 2010, 5, 525.	3.3	112
20	Therapeutic uses of microencapsulated genetically engineered cells. <i>Trends in Molecular Medicine</i> , 1998, 4, 221-227.	2.6	103
21	Cholesterol Assimilation by <i>Lactobacillus</i> Probiotic Bacteria: An <i>In Vitro</i> Investigation. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	103
22	Carbon nanotube lipid drug approach for targeted delivery of a chemotherapy drug in a human breast cancer xenograft animal model. <i>Biomaterials</i> , 2013, 34, 10109-10119.	5.7	91
23	Genipin Cross-Linked Alginate-Chitosan Microcapsules: Membrane Characterization and Optimization of Cross-Linking Reaction. <i>Biomacromolecules</i> , 2006, 7, 2091-2098.	2.6	89
24	In vitro study of alginate-chitosan microcapsules: an alternative to liver cell transplants for the treatment of liver failure. <i>Biotechnology Letters</i> , 2005, 27, 317-322.	1.1	88
25	Cationic Albumin Nanoparticles for Enhanced Drug Delivery to Treat Breast Cancer: Preparation and <i>In Vitro</i> Assessment. <i>Journal of Drug Delivery</i> , 2012, 2012, 1-8.	2.5	86
26	Reaction of chitosan with genipin and its fluorogenic attributes for potential microcapsule membrane characterization. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 917-927.	2.1	83
27	Superior Cell Delivery Features of Poly(ethylene glycol) Incorporated Alginate, Chitosan, and Poly-L-lysine Microcapsules. <i>Molecular Pharmaceutics</i> , 2005, 2, 29-36.	2.3	81
28	Microencapsulated Genetically Engineered <i>Lactobacillus plantarum</i> 80 (pCBH1) for Bile Acid Deconjugation and Its Implication in Lowering Cholesterol. <i>Journal of Biomedicine and Biotechnology</i> , 2004, 2004, 61-69.	3.0	76
29	Longevity extension in <i>Drosophila</i> through gut-brain communication. <i>Scientific Reports</i> , 2018, 8, 8362.	1.6	72
30	Procedures for Microencapsulation of Enzymes, Cells and Genetically Engineered Microorganisms. <i>Molecular Biotechnology</i> , 2001, 17, 249-260.	1.3	71
31	The Gut Microbiota and Human Health with an Emphasis on the Use of Microencapsulated Bacterial Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-12.	3.0	71
32	Estimation of the Potential Antitumor Activity of Microencapsulated <i>Lactobacillus acidophilus</i> Yogurt Formulation in the Attenuation of Tumorigenesis in Apc(Min/+) Mice. <i>Digestive Diseases and Sciences</i> , 2009, 54, 264-273.	1.1	68
33	Biotransformation of polyphenols in a dynamic multistage gastrointestinal model. <i>Food Chemistry</i> , 2016, 204, 453-462.	4.2	64
34	Artificial Cell Therapy: New Strategies for the Therapeutic Delivery of Live Bacteria. <i>Journal of Biomedicine and Biotechnology</i> , 2005, 2005, 44-56.	3.0	63
35	The attenuation of restenosis following arterial gene transfer using carbon nanotube coated stent incorporating TAT/DNA Ang1+Vegf nanoparticles. <i>Biomaterials</i> , 2012, 33, 7655-7664.	5.7	63
36	Preparation and in vitro analysis of microencapsulated genetically engineered <i>E. coli</i> DH5 cells for urea and ammonia removal. <i>Biotechnology and Bioengineering</i> , 1995, 46, 621-626.	1.7	61

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37	A novel method for synthesizing PEGylated chitosan nanoparticles: strategy, preparation, and in vitro analysis. <i>International Journal of Nanomedicine</i> , 2011, 6, 485.	3.3	61
38	A novel synbiotic delays Alzheimer's disease onset via combinatorial gut-brain-axis signaling in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2019, 14, e0214985.	1.1	61
39	Development and characterization of chitosan-PEG-TAT nanoparticles for the intracellular delivery of siRNA. <i>International Journal of Nanomedicine</i> , 2013, 8, 2041.	3.3	60
40	Tailoring biomaterial surface properties to modulate host-implant interactions: implication in cardiovascular and bone therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1586-1599.	2.9	59
41	Novel nitric oxide producing probiotic wound healing patch: preparation and in vivo analysis in a New Zealand white rabbit model of ischaemic and infected wounds. <i>International Wound Journal</i> , 2012, 9, 330-343.	1.3	58
42	Effect of orally administered <i>L. fermentum</i> NCIMB 5221 on markers of metabolic syndrome: an in vivo analysis using ZDF rats. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 115-126.	1.7	57
43	Microencapsulated stem cells for tissue repairing: implications in cell-based myocardial therapy. <i>Regenerative Medicine</i> , 2009, 4, 733-745.	0.8	56
44	Orally Delivered Microencapsulated Live Probiotic Formulation Lowers Serum Lipids in Hypercholesterolemic Hamsters. <i>Journal of Medicinal Food</i> , 2009, 12, 310-319.	0.8	55
45	A novel nitric oxide producing probiotic patch and its antimicrobial efficacy: preparation and in vitro analysis. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 509-516.	1.7	55
46	Evaluation of clinical safety and tolerance of a <i>Lactobacillus reuteri</i> NCIMB 30242 supplement capsule: A randomized control trial. <i>Regulatory Toxicology and Pharmacology</i> , 2012, 63, 313-320.	1.3	54
47	Probiotic Ferulic Acid Esterase Active <i>Lactobacillus fermentum</i> NCIMB 5221 APA Microcapsules for Oral Delivery: Preparation and in Vitro Characterization. <i>Pharmaceuticals</i> , 2012, 5, 236-248.	1.7	53
48	Functional Assessment of Adipose Stem Cells for Xenotransplantation Using Myocardial Infarction Immunocompetent Models: Comparison with Bone Marrow Stem Cells. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 263-273.	0.9	53
49	The gut microbiome, probiotics, bile acids axis, and human health. <i>Trends in Microbiology</i> , 2014, 22, 306-308.	3.5	53
50	A nanobiohybrid complex of recombinant baculovirus and Tat/DNA nanoparticles for delivery of Ang-1 transgene in myocardial infarction therapy. <i>Biomaterials</i> , 2011, 32, 8304-8318.	5.7	51
51	Design and validation of an orally administrated active <i>L. fermentum</i> - <i>L. acidophilus</i> probiotic formulation using colorectal cancer Apc Min/+ mouse model. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1999-2019.	1.7	50
52	Dual-functionalized graphene oxide for enhanced siRNA delivery to breast cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 315-325.	2.5	49
53	Probiotics as oral health biotherapeutics. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 1207-1220.	1.4	48
54	Preparation and characterization of novel polymeric microcapsules for live cell encapsulation and therapy. <i>Cell Biochemistry and Biophysics</i> , 2007, 47, 159-167.	0.9	47

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55	Microencapsulation to reduce mechanical loss of microspheres: implications in myocardial cell therapy. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 241-247.	0.6	47
56	The Microbiome and Alzheimer's Disease: Potential and Limitations of Prebiotic, Synbiotic, and Probiotic Formulations. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 537847.	2.0	47
57	Emerging science of the human microbiome. <i>Gut Microbes</i> , 2014, 5, 446-457.	4.3	46
58	Live encapsulated <i>Lactobacillus acidophilus</i> cells in yogurt for therapeutic oral delivery: preparation and in vitro analysis of alginate-chitosan microcapsules This article is one of a selection of papers published in this special issue (part 1 of 2) on the Safety and Efficacy of Natural Health Products.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 884-893.	0.7	45
59	Investigation of siRNA-Loaded Polyethylenimine-Coated Human Serum Albumin Nanoparticle Complexes for the Treatment of Breast Cancer. <i>Cell Biochemistry and Biophysics</i> , 2011, 61, 277-287.	0.9	45
60	Evaluation of safety and tolerance of microencapsulated <i>Lactobacillus reuteri</i> NCIMB 30242 in a yogurt formulation: A randomized, placebo-controlled, double-blind study. <i>Food and Chemical Toxicology</i> , 2012, 50, 2216-2223.	1.8	45
61	Prevention and Treatment of Virulent Bacterial Biofilms with an Enzymatic Nitric Oxide-Releasing Dressing. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6095-6103.	1.4	44
62	A novel polyphenolic prebiotic and probiotic formulation have synergistic effects on the gut microbiota influencing <i>Drosophila melanogaster</i> physiology. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 441-455.	1.9	44
63	Ultrafine chitosan nanoparticles as an efficient nucleic acid delivery system targeting neuronal cells. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 719-726.	0.9	41
64	Microbiome and Human Aging: Probiotic and Prebiotic Potentials in Longevity, Skin Health and Cellular Senescence. <i>Nutrients</i> , 2021, 13, 4550.	1.7	41
65	Microencapsulation for the Therapeutic Delivery of Drugs, Live Mammalian and Bacterial Cells, and Other Biopharmaceutics: Current Status and Future Directions. <i>Journal of Pharmaceutics</i> , 2013, 2013, 1-19.	4.6	40
66	Microencapsulated bile salt hydrolase producing <i>Lactobacillus reuteri</i> for oral targeted delivery in the gastrointestinal tract. <i>Applied Microbiology and Biotechnology</i> , 2008, 81, 225-233.	1.7	39
67	Oral Probiotic Microcapsule Formulation Ameliorates Non-Alcoholic Fatty Liver Disease in Bio F1B Golden Syrian Hamsters. <i>PLoS ONE</i> , 2013, 8, e58394.	1.1	38
68	In vitro and in vivo Uric Acid Lowering by Artificial Cells Containing Microencapsulated Genetically Engineered <i>E. coli</i> DH5 Cells. <i>International Journal of Artificial Organs</i> , 2000, 23, 429-435.	0.7	37
69	Investigation of a New Microcapsule Membrane Combining Alginate, Chitosan, Polyethylene Glycol and Poly-L-Lysine for Cell Transplantation Applications. <i>International Journal of Artificial Organs</i> , 2005, 28, 631-637.	0.7	36
70	Novel probiotic dissolvable carboxymethyl cellulose films as oral health biotherapeutics: in vitro preparation and characterization. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1471-1482.	2.4	36
71	A New Carbon Nanotube-Based Breast Cancer Drug Delivery System: Preparation and In Vitro Analysis Using Paclitaxel. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1405-1414.	0.9	35
72	Effects of Simulated Human Gastrointestinal Digestion of Two Purple-Fleshed Potato Cultivars on Anthocyanin Composition and Cytotoxicity in Colonic Cancer and Non-Tumorigenic Cells. <i>Nutrients</i> , 2017, 9, 953.	1.7	35

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73	Polyethylene glycol and octa-arginine dual-functionalized nanographene oxide: an optimization for efficient nucleic acid delivery. <i>Biomaterials Science</i> , 2018, 6, 1636-1650.	2.6	35
74	Nanomedicine in cardiovascular therapy: recent advancements. <i>Expert Review of Cardiovascular Therapy</i> , 2012, 10, 805-815.	0.6	34
75	Expression of SEAP (secreted alkaline phosphatase) by baculovirus mediated transduction of HEK 293 cells in a hollow fiber bioreactor system. <i>Journal of Biotechnology</i> , 2008, 135, 272-280.	1.9	33
76	Genipin-Cross-Linked Microencapsulated Human Adipose Stem Cells Augment Transplant Retention Resulting in Attenuation of Chronically Infarcted Rat Heart Fibrosis and Cardiac Dysfunction. <i>Cell Transplantation</i> , 2012, 21, 2735-2751.	1.2	33
77	Bioactive baculovirus nanohybrids for stent based rapid vascular re-endothelialization. <i>Scientific Reports</i> , 2013, 3, 2366.	1.6	33
78	Absorption and Metabolism of Phenolics from Digests of Polyphenol-Rich Potato Extracts Using the Caco-2/HepG2 Co-Culture System. <i>Foods</i> , 2018, 7, 8.	1.9	33
79	In-vitro analysis of APA microcapsules for oral delivery of live bacterial cells. <i>Journal of Microencapsulation</i> , 2005, 22, 539-547.	1.2	32
80	Toward a New Generation of Therapeutics: Artificial Cell Targeted Delivery of Live Cells for Therapy. <i>Applied Biochemistry and Biotechnology</i> , 2006, 128, 001-022.	1.4	32
81	Investigation of Microencapsulated BSH Active Lactobacillus in the Simulated Human GI Tract. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-9.	3.0	32
82	Superior Cell Delivery Features of Genipin Crosslinked Polymeric Microcapsules: Preparation, In Vitro Characterization and Pro-Angiogenic Applications Using Human Adipose Stem Cells. <i>Molecular Biotechnology</i> , 2011, 48, 116-127.	1.3	31
83	Orally delivered microencapsulated probiotic formulation favorably impacts polyp formation in APC (Min/+) model of intestinal carcinogenesis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-11.	1.9	31
84	Artificial cell microcapsule for oral delivery of live bacterial cells for therapy: design, preparation, and in-vitro characterization. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2004, 7, 315-24.	0.9	31
85	Free and Microencapsulated Lactobacillus and Effects of Metabolic Induction on Urea Removal. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2003, 31, 425-434.	0.9	30
86	Microencapsulated bacterial cells can be used to produce the enzyme feruloyl esterase: preparation and in-vitro analysis. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 1023-1029.	1.7	30
87	Bioengineered baculoviruses as new class of therapeutics using micro and nanotechnologies: Principles, prospects and challenges. <i>Advanced Drug Delivery Reviews</i> , 2014, 71, 115-130.	6.6	30
88	PAMAM Dendrimer-Baculovirus Nanocomplex for Microencapsulated Adipose Stem Cell-Gene Therapy: In Vitro and In Vivo Functional Assessment. <i>Molecular Pharmaceutics</i> , 2012, 9, 2479-2488.	2.3	29
89	Biotransformation of anthocyanins from two purple-fleshed sweet potato accessions in a dynamic gastrointestinal system. <i>Food Chemistry</i> , 2016, 192, 171-177.	4.2	28
90	Nanoscaffold based stem cell regeneration therapy: recent advancement and future potential. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 1649-1661.	1.4	27

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91	Current developments in the tissue engineering of autologous heart valves: moving towards clinical use. <i>Future Cardiology</i> , 2011, 7, 77-97.	0.5	27
92	Investigation of probiotic bacteria as dental caries and periodontal disease biotherapeutics. <i>Beneficial Microbes</i> , 2014, 5, 447-460.	1.0	27
93	Recent Advances in Drug Delivery: Potential and Limitations of Carbon Nanotubes. <i>Recent Patents on Drug Delivery and Formulation</i> , 2007, 1, 214-221.	2.1	26
94	Genipin Cross-Linked Polymeric Alginate-Chitosan Microcapsules for Oral Delivery: In-Vitro Analysis. <i>International Journal of Polymer Science</i> , 2009, 2009, 1-16.	1.2	26
95	Probiotics for the Prevention and Treatment of Allergies, with an Emphasis on Mode of Delivery and Mechanism of Action. <i>Current Pharmaceutical Design</i> , 2014, 20, 1025-1037.	0.9	26
96	Angiopoietin-1-expressing adipose stem cells genetically modified with baculovirus nanocomplex: investigation in rat heart with acute infarction. <i>International Journal of Nanomedicine</i> , 2012, 7, 663.	3.3	25
97	Topical application of complement C3 in collagen formulation increases early wound healing. <i>Journal of Dermatological Treatment</i> , 2013, 24, 141-147.	1.1	24
98	Preparation and <i>in vitro</i> analysis of microencapsulated live <i>Lactobacillus fermentum</i> 11976 for augmentation of feruloyl esterase in the gastrointestinal tract. <i>Biotechnology and Applied Biochemistry</i> , 2008, 50, 1-9.	1.4	23
99	Investigation on PEG Integrated Alginate-Chitosan Microcapsules for Myocardial Therapy Using Marrow Stem Cells Genetically Modified by Recombinant Baculovirus. <i>Cardiovascular Engineering and Technology</i> , 2010, 1, 154-164.	0.7	23
100	Systemic siRNA Delivery via Peptide-Tagged Polymeric Nanoparticles, Targeting PLK1 Gene in a Mouse Xenograft Model of Colorectal Cancer. <i>International Journal of Biomaterials</i> , 2013, 2013, 1-13.	1.1	23
101	Suppression of Tumorigenesis: Modulation of Inflammatory Cytokines by Oral Administration of Microencapsulated Probiotic Yogurt Formulation. <i>International Journal of Inflammation</i> , 2010, 2010, 1-10.	0.9	22
102	Diet-induced metabolic hamster model of nonalcoholic fatty liver disease. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2011, 4, 195.	1.1	22
103	Transit Time Affects the Community Stability of <i>Lactobacillus</i> and <i>Bifidobacterium</i> Species in an <i>In Vitro</i> Model of Human Colonic Microbiota. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2011, 39, 351-356.	0.9	22
104	Ferulic Acid Produced by <i>Lactobacillus fermentum</i> Influences Developmental Growth Through a dTOR-Mediated Mechanism. <i>Molecular Biotechnology</i> , 2019, 61, 1-11.	1.3	21
105	Superior Therapeutic Potential of Young Bone Marrow Mesenchymal Stem Cells by Direct Intramyocardial Delivery in Aged Recipients with Acute Myocardial Infarction: In Vitro and In Vivo Investigation. <i>Journal of Tissue Engineering</i> , 2011, 2011, 741213.	2.3	20
106	Intranasal, siRNA Delivery to the Brain by TAT/MGF Tagged PEGylated Chitosan Nanoparticles. <i>Journal of Pharmaceutics</i> , 2013, 2013, 1-10.	4.6	20
107	A polyphenol-rich prebiotic in combination with a novel probiotic formulation alleviates markers of obesity and diabetes in <i>Drosophila</i> . <i>Journal of Functional Foods</i> , 2018, 48, 374-386.	1.6	20
108	Carbon Nanotubes for Use in Medicine: Potentials and Limitations. , 0, ,		19

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109	Microcapsule carbon nanotube devices for therapeutic applications. <i>Nanotechnology</i> , 2009, 20, 025612.	1.3	18
110	Recombinant Baculovirus as a Highly Potent Vector for Gene Therapy of Human Colorectal Carcinoma: Molecular Cloning, Expression, and In Vitro Characterization. <i>Molecular Biotechnology</i> , 2010, 45, 129-139.	1.3	18
111	Novel microencapsulated probiotic blend for use in metabolic syndrome: design and <i>in-vivo</i> analysis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 116-124.	1.9	18
112	Sustained release of milrinone delivered via microparticles in a rodent model of myocardial infarction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2316-2324.	0.4	17
113	<i>Lactobacillus fermentum</i> NCIMB 5221 and NCIMB 2797 as cholesterol-lowering probiotic biotherapeutics: in vitro analysis. <i>Beneficial Microbes</i> , 2015, 6, 861-869.	1.0	17
114	Novel Milrinone Nanoformulation for Use in Cardiovascular Diseases: Preparation and <i>In Vitro</i> Characterization. <i>Molecular Pharmaceutics</i> , 2018, 15, 2489-2502.	2.3	17
115	Artificial Cells for Bioencapsulation of Cells and Genetically Engineered <i>E. coli</i> : For Cell Therapy, Gene Therapy, and Removal of Urea and Ammonia. , 1997, 63, 343-358.		16
116	Growth and Survival of Renal Failure Rats that Received Oral Microencapsulated Genetically Engineered <i>E. Coli</i> Dh5 Cells for Urea Removal. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1998, 26, 35-51.	0.9	16
117	Artificial Cell Microcapsules Containing Genetically Engineered <i>E. Coli</i> dh5 Cells for In-Vitro Lowering of Plasma Potassium, Phosphate, Magnesium, Sodium, Chloride, Uric Acid, Cholesterol, And Creatinine : A Preliminary Report. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1999, 27, 475-481.	0.9	16
118	<i>In vitro</i> cytotoxicity of functionalized single walled carbon nanotubes for targeted gene delivery applications. <i>Nanotoxicology</i> , 2008, 2, 184-188.	1.6	16
119	Artificial Cells Microencapsulated Genetically Engineered <i>E. Coli</i> DH 5 Cells for the Lowering of Plasma Creatinine In-Vitro and In-Vivo. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2000, 28, 397-408.	0.9	15
120	Cellular cardiomyoplasty: current state of the field. <i>Regenerative Medicine</i> , 2012, 7, 571-582.	0.8	15
121	Recent advancements in tissue engineering for stem cell-based cardiac therapies. <i>Therapeutic Delivery</i> , 2013, 4, 503-516.	1.2	15
122	Small interfering ribonucleic acid design strategies for effective targeting and gene silencing. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 269-289.	2.5	14
123	Letter to the editor regarding the report of Duboc <i>et al</i> : connecting dysbiosis, bile-acid dysmetabolism and gut inflammation in inflammatory bowel disease. <i>Gut</i> , 2013, 62, 654-655.	6.1	14
124	Microencapsulated genetically engineered <i>E. coli</i> DH5 cells for plasma urea and ammonia removal based on: 1. Column bioreactor and 2. Oral administration in uremic rats. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1996, 24, 201-218.	0.9	12
125	Intranasal Delivery of Chitosan-siRNA Nanoparticle Formulation to the Brain. <i>Methods in Molecular Biology</i> , 2014, 1141, 233-247.	0.4	12
126	Expression and Production of Human Interleukin-7 in Insect Cells Using Baculovirus Expression Vector System (BEVS). <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 93-103.	1.4	11

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127	In vitro and in vivo uric acid lowering by artificial cells containing microencapsulated genetically engineered E. coli DH5 cells. International Journal of Artificial Organs, 2000, 23, 429-35.	0.7	11
128	Genetically Engineered E. COLI Cells Containing K. AEROGENES Gene, Microencapsulated in Artificial Cells for Urea and Ammonia Removal. Biomaterials, Artificial Cells, and Immobilization Biotechnology: Official Journal of the International Society for Artificial Cells and Immobilization Biotechnology, 1993, 21, 629-636.	0.2	10
129	Growth Kinetics of Genetically Engineered E. Coli dh5 Cells in Artificial Cell Apa Membrane Microcapsules: Preliminary Report. Artificial Cells, Blood Substitutes, and Biotechnology, 1999, 27, 291-301.	0.9	10
130	A New Method for Targeted Drug Delivery Using Polymeric Microcapsules: Implications for Treatment of Crohn's Disease. Cell Biochemistry and Biophysics, 2005, 43, 077-086.	0.9	10
131	Live bacterial cells as orally delivered therapeutics. Expert Opinion on Biological Therapy, 2005, 5, 1281-1301.	1.4	10
132	Investigation of Genipin Cross-Linked Microcapsule for Oral Delivery of Live Bacterial Cells and Other Biotherapeutics: Preparation and In Vitro Analysis in Simulated Human Gastrointestinal Model. International Journal of Polymer Science, 2010, 2010, 1-10.	1.2	10
133	Improvement of gastrointestinal health status in subjects consuming Lactobacillus reuteri NCIMB 30242 capsules: a post-hoc analysis of a randomized controlled trial. Expert Opinion on Biological Therapy, 2013, 13, 1643-1651.	1.4	10
134	Complements C3 and C5 Individually and in Combination Increase Early Wound Strength in a Rat Model of Experimental Wound Healing. Plastic Surgery International, 2013, 2013, 1-5.	0.7	10
135	Investigation of Antiangiogenic Tumor Therapy Potential of Microencapsulated HEK293 VEGF ₁₆₅ Producing Cells. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-7.	3.0	9
136	Design of a novel gut bacterial adhesion model for probiotic applications. Artificial Cells, Nanomedicine and Biotechnology, 2013, 41, 116-124.	1.9	9
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