

Dual Delivery of Vascular Endothelial Growth Factor and Coacervate Displays Strong Angiogenic Effects

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Coacervate-directed synthesis of CaCO ₃ microcarriers for pH-responsive delivery of biomolecules. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7725-7731.	5.8	39
2	Surface modification and endothelialization of biomaterials as potential scaffolds for vascular tissue engineering applications. <i>Chemical Society Reviews</i> , 2015, 44, 5680-5742.	38.1	441
3	Novel biodegradable polymers for local growth factor delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 318-328.	4.3	33
4	Sequential delivery of angiogenic growth factors improves revascularization and heart function after myocardial infarction. <i>Journal of Controlled Release</i> , 2015, 207, 7-17.	9.9	108
5	Controlled dual delivery of fibroblast growth factor-2 and Interleukin-10 by heparin-based coacervate synergistically enhances ischemic heart repair. <i>Biomaterials</i> , 2015, 72, 138-151.	11.4	91
6	Comparative Study of Heparin-Poloxamer Hydrogel Modified bFGF and aFGF for <i>in Vivo</i> Wound Healing Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18710-18721.	8.0	133
7	Therapeutic angiogenesis using tumor cell-conditioned medium. <i>Biotechnology Progress</i> , 2016, 32, 456-464.	2.6	9
8	Polycations and their biomedical applications. <i>Progress in Polymer Science</i> , 2016, 60, 18-50.	24.7	88
9	Factorial Design of Experiments to Optimize Multiple Protein Delivery for Cardiac Repair. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 879-886.	5.2	9
10	The hepatocyte growth factor-expressing character is required for mesenchymal stem cells to protect the lung injured by lipopolysaccharide in vivo. <i>Stem Cell Research and Therapy</i> , 2016, 7, 66.	5.5	71
11	Growth factors-loaded stents modified with hyaluronic acid and heparin for induction of rapid and tight re-endothelialization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 602-610.	5.0	38
12	Towards comprehensive cardiac repair and regeneration after myocardial infarction: Aspects to consider and proteins to deliver. <i>Biomaterials</i> , 2016, 82, 94-112.	11.4	64
13	Dual physical dynamic bond-based injectable and biodegradable hydrogel for tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1175-1185.	5.8	34
14	Formulation and Characterization of Bovine Serum Albumin-Loaded Niosome. <i>AAPS PharmSciTech</i> , 2017, 18, 27-33.	3.3	51
15	A single injection of protein-loaded coacervate-gel significantly improves cardiac function post infarction. <i>Biomaterials</i> , 2017, 125, 65-80.	11.4	61
16	Dual delivery of growth factors with coacervate-coated poly(lactic-co-glycolic acid) nanofiber improves neovascularization in a mouse skin flap model. <i>Biomaterials</i> , 2017, 124, 65-77.	11.4	87
17	Controlled delivery of platelet-derived proteins enhances porcine wound healing. <i>Journal of Controlled Release</i> , 2017, 253, 73-81.	9.9	37
18	Weak bond-based injectable and stimuli responsive hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 887-906.	5.8	90

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19	Hydrogel based approaches for cardiac tissue engineering. International Journal of Pharmaceutics, 2017, 523, 454-475.	5.2	112
20	A stimuli responsive liposome loaded hydrogel provides flexible on-demand release of therapeutic agents. Acta Biomaterialia, 2017, 48, 110-119.	8.3	57
21	Growth Factor-Loaded Nano-niosomal Gel Formulation and Characterization. AAPS PharmSciTech, 2017, 18, 34-41.	3.3	36
22	Dual Delivery of NGF and bFGF Coacervate Ameliorates Diabetic Peripheral Neuropathy via Inhibiting Schwann Cells Apoptosis. International Journal of Biological Sciences, 2017, 13, 640-651.	6.4	40
23	MicroRNA-210 promotes angiogenesis in acute myocardial infarction. Molecular Medicine Reports, 2018, 17, 5658-5665.	2.4	39
24	Recent alternative approaches of vascular drug-eluting stents. Journal of Pharmaceutical Investigation, 2018, 48, 153-165.	5.3	5
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27	Role of cardiac progenitor cell-derived exosome-mediated microRNA-210 in cardiovascular disease. Journal of Cellular and Molecular Medicine, 2019, 23, 7124-7131.	3.6	36
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29	Influence of fiber architecture and growth factor formulation on osteoblastic differentiation of mesenchymal stem cells in coacervate-coated electrospun fibrous scaffolds. Journal of Industrial and Engineering Chemistry, 2019, 79, 236-244.	5.8	16
30	Development of Polymer Coacervate Structure with Enhanced Colloidal Stability for Therapeutic Protein Delivery. Macromolecular Bioscience, 2019, 19, 1900207.	4.1	9
31	Local pharmacological induction of angiogenesis: Drugs for cells and cells as drugs. Advanced Drug Delivery Reviews, 2019, 146, 126-154.	13.7	13
32	Scale-up synthesis of a polymer designed for protein therapy. European Polymer Journal, 2019, 117, 353-362.	5.4	4
33	Hydrophobic ion pairing: encapsulating small molecules, peptides, and proteins into nanocarriers. Nanoscale Advances, 2019, 1, 4207-4237.	4.6	135
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35	Dual delivery of stem cells and insulin-like growth factor-1 in coacervate-embedded composite hydrogels for enhanced cartilage regeneration in osteochondral defects. Journal of Controlled Release, 2020, 327, 284-295.	9.9	59
36	Managing refractory angina "is exercise with co-administered heparin the solution?. European Journal of Preventive Cardiology, 2021, 28, e12-e15.	1.8	0

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37	Surface Engineering of Cardiovascular Devices for Improved Hemocompatibility and Rapid Endothelialization. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000920.	7.6	53
38	Prospects for the application of growth factors in wound healing. <i>Growth Factors</i> , 2020, 38, 25-34.	1.7	14
39	Biopolymeric Coacervate Microvectors for the Delivery of Functional Proteins to Cells. <i>Advanced Biology</i> , 2020, 4, e2000101.	3.0	8
40	The Coronary ARterio genesis with combined Heparin and EXercise therapy in chronic refractory Angina (CARHEXA) trial: A double-blind, randomized, placebo-controlled stress echocardiographic study. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1452-1459.	1.8	7
41	Biologics and their delivery systems: Trends in myocardial infarction. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 181-215.	13.7	23
42	A Brief Overview of Recent Engineering Approaches for Intervertebral Disc Regeneration Using Adipose Derived Mesenchymal Stem Cell Administration. <i>Biotechnology and Bioprocess Engineering</i> , 2021, 26, 335-347.	2.6	2
43	Controlled Delivery of Sonic Hedgehog with a Heparin-Based Coacervate. <i>Methods in Molecular Biology</i> , 2015, 1322, 1-7.	0.9	3
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46	Enhanced anticancer efficacy of primed natural killer cells via coacervate-mediated exogenous interleukin-15 delivery. <i>Biomaterials Science</i> , 2022, 10, 5968-5979.	5.4	5
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50	Structure and modification. , 2024, , 297-394.		0
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