

Mark J Post

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,900
citations

172457

29
h-index

175258

52
g-index

66
all docs

66
docs citations

66
times ranked

4684
citing authors

#	ARTICLE	IF	CITATIONS
1	Cultured meat from stem cells: Challenges and prospects. <i>Meat Science</i> , 2012, 92, 297-301.	5.5	469
2	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018, 21, 425-532.	7.2	429
3	Scientific, sustainability and regulatory challenges of cultured meat. <i>Nature Food</i> , 2020, 1, 403-415.	14.0	315
4	Cultured beef: medical technology to produce food. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 1039-1041.	3.5	221
5	Production and supply of high-quality food protein for human consumption: sustainability, challenges, and innovations. <i>Annals of the New York Academy of Sciences</i> , 2014, 1321, 1-19.	3.8	184
6	Advanced maturation by electrical stimulation: Differences in response between C2C12 and primary muscle progenitor cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 529-539.	2.7	125
7	Microcarriers for Upscaling Cultured Meat Production. <i>Frontiers in Nutrition</i> , 2020, 7, 10.	3.7	119
8	Essential environmental cues from the satellite cell niche: optimizing proliferation and differentiation. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C1338-C1345.	4.6	113
9	Wound Administration of M2-Polarized Macrophages Does Not Improve Murine Cutaneous Healing Responses. <i>PLoS ONE</i> , 2014, 9, e102994.	2.5	111
10	Update on therapeutic neovascularization. <i>Cardiovascular Research</i> , 2005, 65, 639-648.	3.8	95
11	A Disintegrin and Metalloprotease 10 Is a Novel Mediator of Vascular Endothelial Growth Factor-Induced Endothelial Cell Function in Angiogenesis and Is Associated With Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2188-2195.	2.4	94
12	Maintaining bovine satellite cells stemness through p38 pathway. <i>Scientific Reports</i> , 2018, 8, 10808.	3.3	94
13	Alternatives for large-scale production of cultured beef: A review. <i>Journal of Integrative Agriculture</i> , 2015, 14, 208-216.	3.5	92
14	Effects of a combined mechanical stimulation protocol: Value for skeletal muscle tissue engineering. <i>Journal of Biomechanics</i> , 2010, 43, 1514-1521.	2.1	91
15	Meet the new meat: tissue engineered skeletal muscle. <i>Trends in Food Science and Technology</i> , 2010, 21, 59-66.	15.1	91
16	Bovine myoblast cell production in a microcarriers-based system. <i>Cytotechnology</i> , 2018, 70, 503-512.	1.6	91
17	The Muscle Stem Cell Niche: Regulation of Satellite Cells During Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2008, 14, 419-431.	4.8	86
18	Serum-free media for the growth of primary bovine myoblasts. <i>Cytotechnology</i> , 2020, 72, 111-120.	1.6	79

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19	A serum-free media formulation for cultured meat production supports bovine satellite cell differentiation in the absence of serum starvation. <i>Nature Food</i> , 2022, 3, 74-85.	14.0	77
20	An alternative animal protein source: cultured beef. <i>Annals of the New York Academy of Sciences</i> , 2014, 1328, 29-33.	3.8	70
21	The effect of information content on acceptance of cultured meat in a tasting context. <i>PLoS ONE</i> , 2020, 15, e0231176.	2.5	70
22	Initial Imaging-Guided Strategy Versus Routine Care in Patients With ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2466-2477.	2.8	58
23	CXCL1 promotes arteriogenesis through enhanced monocyte recruitment into the peri-collateral space. <i>Angiogenesis</i> , 2015, 18, 163-171.	7.2	56
24	Cultured Meat in Islamic Perspective. <i>Journal of Religion and Health</i> , 2018, 57, 2193-2206.	1.7	52
25	Cultured beef: from small biopsy to substantial quantity. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 7-14.	3.5	49
26	Muscle-derived fibro-adipogenic progenitor cells for production of cultured bovine adipose tissue. <i>Npj Science of Food</i> , 2022, 6, 6.	5.5	46
27	ADAM10 and ADAM17 have opposite roles during sprouting angiogenesis. <i>Angiogenesis</i> , 2015, 18, 13-22.	7.2	43
28	Local Delivery of Polarized Macrophages Improves Reperfusion Recovery in a Mouse Hind Limb Ischemia Model. <i>PLoS ONE</i> , 2013, 8, e68811.	2.5	41
29	Hypertension-induced cognitive impairment: insights from prolonged angiotensin II infusion in mice. <i>Hypertension Research</i> , 2018, 41, 817-827.	2.7	36
30	Adipogenesis from Bovine Precursors. <i>Methods in Molecular Biology</i> , 2019, 1889, 111-125.	0.9	34
31	Towards resource-efficient and cost-efficient cultured meat. <i>Current Opinion in Food Science</i> , 2022, 47, 100885.	8.0	31
32	Production of cultured meat from pig muscle stem cells. <i>Biomaterials</i> , 2022, 287, 121650.	11.4	27
33	Update on vascularization in tissue engineering. <i>Regenerative Medicine</i> , 2013, 8, 759-770.	1.7	26
34	SPECT and PET imaging of angiogenesis and arteriogenesis in pre-clinical models of myocardial ischemia and peripheral vascular disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2433-2447.	6.4	25
35	Shear Stress and VE-Cadherin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2174-2183.	2.4	25
36	Molecular imaging of angiogenesis after myocardial infarction by ¹¹¹ In-DTPA-cNGR and ^{99m} Tc-sestamibi dual-isotope myocardial SPECT. <i>EJNMMI Research</i> , 2015, 5, 2.	2.5	24

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37	Metformin and sulodexide restore cardiac microvascular perfusion capacity in diet-induced obese rats. <i>Cardiovascular Diabetology</i> , 2017, 16, 47.	6.8	23
38	Early impairment of coronary microvascular perfusion capacity in rats on a high fat diet. <i>Cardiovascular Diabetology</i> , 2015, 14, 150.	6.8	20
39	Acute chest pain in the high-sensitivity cardiac troponin era: A changing role for noninvasive imaging?. <i>American Heart Journal</i> , 2016, 177, 102-111.	2.7	20
40	The role of receptor MAS in microglia-driven retinal vascular development. <i>Angiogenesis</i> , 2019, 22, 481-489.	7.2	19
41	Interaction between electrical stimulation, protein coating and matrix elasticity: a complex effect on muscle fibre maturation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 60-68.	2.7	18
42	Endothelial cells (ECs) for vascular tissue engineering: venous ECs are less thrombogenic than arterial ECs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 564-576.	2.7	17
43	Nitric Oxide Resistance Reduces Arteriovenous Fistula Maturation in Chronic Kidney Disease in Rats. <i>PLoS ONE</i> , 2016, 11, e0146212.	2.5	16
44	Principles of Tissue Engineering for Food. , 2014, , 1647-1662.		14
45	Glyoxalase-1 overexpression partially prevents diabetes-induced impaired arteriogenesis in a rat hindlimb ligation model. <i>Glycoconjugate Journal</i> , 2016, 33, 627-630.	2.7	9
46	The rational phase of therapeutic angiogenesis. <i>Minerva Cardioangiologica</i> , 2003, 51, 421-32.	1.2	9
47	CXCL1 microspheres: a novel tool to stimulate arteriogenesis. <i>Drug Delivery</i> , 2016, 23, 2919-2926.	5.7	6
48	Tick Saliva Protein Evasin-3 Allows for Visualization of Inflammation in Arteries through Interactions with CXC-Type Chemokines Deposited on Activated Endothelium. <i>Bioconjugate Chemistry</i> , 2020, 31, 948-955.	3.6	6
49	Comparison of LDPI to SPECT perfusion imaging using ^{99m} Tc-sestamibi and ^{99m} Tc-pyrophosphate in a murine ischemic hind limb model of neovascularization. <i>EJNMMI Research</i> , 2016, 6, 44.	2.5	5
50	Monocytic microRNA profile associated with coronary collateral artery function in chronic total occlusion patients. <i>Scientific Reports</i> , 2017, 7, 1532.	3.3	5
51	Perspectives on cultured meat. , 2021, 1, 1-5.		3
52	Delivering therapeutics in peripheral artery disease: challenges and future perspectives. <i>Therapeutic Delivery</i> , 2016, 7, 483-493.	2.2	1
53	PS3 - 14. Glyoxalase-I overexpression partially prevents diabetes-induced impaired arteriogenesis in a rat hind limb ischemia model. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 99-100.	0.0	0
54	Percutaneous microembolization of the left coronary artery to model ischemic heart disease in rats. <i>Lab Animal</i> , 2016, 45, 20-27.	0.4	0

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55	Principles of tissue engineering for food. , 2020, , 1355-1368.		0
56	Porcine coronary collaterals after stimulated myocardial ischemia: count and location. FASEB Journal, 2009, 23, 1032.7.	0.5	0
57	Online measurement of collagen synthesis in smooth muscle cells. Toward non-destructive analysis of matrix production in vascular tissue engineered grafts. FASEB Journal, 2011, 25, 1127.4.	0.5	0
58	The effect of information content on acceptance of cultured meat in a tasting context. , 2020, 15, e0231176.		0
59	The effect of information content on acceptance of cultured meat in a tasting context. , 2020, 15, e0231176.		0
60	The effect of information content on acceptance of cultured meat in a tasting context. , 2020, 15, e0231176.		0
61	The effect of information content on acceptance of cultured meat in a tasting context. , 2020, 15, e0231176.		0