

# Nenad Bursac

## List of Publications by Citations

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133  
papers

7,287  
citations

47  
h-index

83  
g-index

150  
ext. papers

8,489  
ext. citations

8.6  
avg, IF

6.28  
L-index

#	Paper	IF	Citations
133	Tissue-engineered cardiac patch for advanced functional maturation of human ESC-derived cardiomyocytes. <i>Biomaterials</i> , <b>2013</b> , 34, 5813-20	15.6	420
132	Cardiac tissue engineering: cell seeding, cultivation parameters, and tissue construct characterization. <i>Biotechnology and Bioengineering</i> , <b>1999</b> , 64, 580-9	4.9	418
131	The extracellular matrix protein agrin promotes heart regeneration in mice. <i>Nature</i> , <b>2017</b> , 547, 179-184	50.4	329
130	Cardiopatch platform enables maturation and scale-up of human pluripotent stem cell-derived engineered heart tissues. <i>Nature Communications</i> , <b>2017</b> , 8, 1825	17.4	226
129	Tissue engineering of functional cardiac muscle: molecular, structural, and electrophysiological studies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H168-78	5.2	220
128	Cardiomyocyte cultures with controlled macroscopic anisotropy: a model for functional electrophysiological studies of cardiac muscle. <i>Circulation Research</i> , <b>2002</b> , 91, e45-54	15.7	212
127	Bioengineered human myobundles mimic clinical responses of skeletal muscle to drugs. <i>ELife</i> , <b>2015</b> , 4, e04885	8.9	199
126	Engineered skeletal muscle tissue networks with controllable architecture. <i>Biomaterials</i> , <b>2009</b> , 30, 1401-1416	13.6	193
125	The role of extracellular matrix composition in structure and function of bioengineered skeletal muscle. <i>Biomaterials</i> , <b>2011</b> , 32, 3575-83	15.6	192
124	Pluripotent stem cell-derived cardiac tissue patch with advanced structure and function. <i>Biomaterials</i> , <b>2011</b> , 32, 9180-7	15.6	181
123	Mesoscopic hydrogel molding to control the 3D geometry of bioartificial muscle tissues. <i>Nature Protocols</i> , <b>2009</b> , 4, 1522-34	18.8	180
122	Cardiac muscle tissue engineering: toward an in vitro model for electrophysiological studies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 277, H433-44	5.2	175
121	Biomimetic engineered muscle with capacity for vascular integration and functional maturation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5508-13	11.5	169
120	Engineering human pluripotent stem cells into a functional skeletal muscle tissue. <i>Nature Communications</i> , <b>2018</b> , 9, 126	17.4	155
119	Stoichiometry of Gata4, Mef2c, and Tbx5 influences the efficiency and quality of induced cardiac myocyte reprogramming. <i>Circulation Research</i> , <b>2015</b> , 116, 237-44	15.7	152
118	Effect of Electromechanical Stimulation on the Maturation of Myotubes on Aligned Electrospun Fibers. <i>Cellular and Molecular Bioengineering</i> , <b>2008</b> , 1, 133-145	3.9	124
117	Dynamic culture yields engineered myocardium with near-adult functional output. <i>Biomaterials</i> , <b>2016</b> , 111, 66-79	15.6	123

116	Cardiac fibroblast paracrine factors alter impulse conduction and ion channel expression of neonatal rat cardiomyocytes. <i>Cardiovascular Research</i> , <b>2009</b> , 83, 688-97	9.9	119
115	Distilling complexity to advance cardiac tissue engineering. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 342ps13	11.3	108
114	Novel anisotropic engineered cardiac tissues: studies of electrical propagation. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 361, 847-53	3.4	107
113	Transcription factors MYOCD, SRF, Mesp1 and SMARCD3 enhance the cardio-inducing effect of GATA4, TBX5, and MEF2C during direct cellular reprogramming. <i>PLoS ONE</i> , <b>2013</b> , 8, e63577	3.7	105
112	Novel micropatterned cardiac cell cultures with realistic ventricular microstructure. <i>Biophysical Journal</i> , <b>2009</b> , 96, 3873-85	2.9	99
111	Controlling the structural and functional anisotropy of engineered cardiac tissues. <i>Biofabrication</i> , <b>2014</b> , 6, 024109-24109	10.5	90
110	Functional cardiac tissue engineering. <i>Regenerative Medicine</i> , <b>2012</b> , 7, 187-206	2.5	87
109	Whole-cell-analysis of live cardiomyocytes using wide-field interferometric phase microscopy. <i>Biomedical Optics Express</i> , <b>2010</b> , 1, 706-719	3.5	82
108	Fibroblast growth factor homologous factor 13 regulates Na <sup>+</sup> channels and conduction velocity in murine hearts. <i>Circulation Research</i> , <b>2011</b> , 109, 775-82	15.7	82
107	Cultivation in rotating bioreactors promotes maintenance of cardiac myocyte electrophysiology and molecular properties. <i>Tissue Engineering</i> , <b>2003</b> , 9, 1243-53		82
106	Engineered cardiac tissue patch maintains structural and electrical properties after epicardial implantation. <i>Biomaterials</i> , <b>2018</b> , 159, 48-58	15.6	80
105	Electrical stimulation increases hypertrophy and metabolic flux in tissue-engineered human skeletal muscle. <i>Biomaterials</i> , <b>2019</b> , 198, 259-269	15.6	74
104	Use of flow, electrical, and mechanical stimulation to promote engineering of striated muscles. <i>Annals of Biomedical Engineering</i> , <b>2014</b> , 42, 1391-405	4.7	71
103	Overcoming the Roadblocks to Cardiac Cell Therapy Using Tissue Engineering. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 766-775	15.1	67
102	Multiarm spirals in a two-dimensional cardiac substrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 15530-4	11.5	65
101	Incorporation of macrophages into engineered skeletal muscle enables enhanced muscle regeneration. <i>Nature Biomedical Engineering</i> , <b>2018</b> , 2, 942-954	19	64
100	Tension Creates an Endoreplication Wavefront that Leads Regeneration of Epicardial Tissue. <i>Developmental Cell</i> , <b>2017</b> , 42, 600-615.e4	10.2	62
99	Engineering skeletal muscle repair. <i>Current Opinion in Biotechnology</i> , <b>2013</b> , 24, 880-6	11.4	62

98	Engineering biosynthetic excitable tissues from unexcitable cells for electrophysiological and cell therapy studies. <i>Nature Communications</i> , <b>2011</b> , 2, 300	17.4	60
97	Structural coupling of cardiomyocytes and noncardiomyocytes: quantitative comparisons using a novel micropatterned cell pair assay. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 295, H390-400	5.2	60
96	Local tissue geometry determines contractile force generation of engineered muscle networks. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 957-67	3.9	59
95	Tissue engineering of functional skeletal muscle: challenges and recent advances. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2008</b> , 27, 109-13		59
94	Robust T-tubulation and maturation of cardiomyocytes using tissue-engineered epicardial mimetics. <i>Biomaterials</i> , <b>2014</b> , 35, 3819-28	15.6	57
93	Age-dependent functional crosstalk between cardiac fibroblasts and cardiomyocytes in a 3D engineered cardiac tissue. <i>Acta Biomaterialia</i> , <b>2017</b> , 55, 120-130	10.8	54
92	Implantation of mouse embryonic stem cell-derived cardiac progenitor cells preserves function of infarcted murine hearts. <i>PLoS ONE</i> , <b>2010</b> , 5, e11536	3.7	54
91	Tissue-engineered 3-dimensional (3D) microenvironment enhances the direct reprogramming of fibroblasts into cardiomyocytes by microRNAs. <i>Scientific Reports</i> , <b>2016</b> , 6, 38815	4.9	54
90	Defined electrical stimulation emphasizing excitability for the development and testing of engineered skeletal muscle. <i>Tissue Engineering - Part C: Methods</i> , <b>2012</b> , 18, 349-57	2.9	53
89	Regulating fibrinolysis to engineer skeletal muscle from the C2C12 cell line. <i>Tissue Engineering - Part C: Methods</i> , <b>2009</b> , 15, 501-11	2.9	52
88	Induced pluripotent stem cell-derived cardiac progenitors differentiate to cardiomyocytes and form biosynthetic tissues. <i>PLoS ONE</i> , <b>2013</b> , 8, e65963	3.7	49
87	Striated muscle function, regeneration, and repair. <i>Cellular and Molecular Life Sciences</i> , <b>2016</b> , 73, 4175-4203	20.3	48
86	Electrotonic loading of anisotropic cardiac monolayers by unexcitable cells depends on connexin type and expression level. <i>American Journal of Physiology - Cell Physiology</i> , <b>2009</b> , 297, C339-51	5.4	47
85	Roles of adherent myogenic cells and dynamic culture in engineered muscle function and maintenance of satellite cells. <i>Biomaterials</i> , <b>2014</b> , 35, 9438-46	15.6	46
84	Electrical pacing counteracts intrinsic shortening of action potential duration of neonatal rat ventricular cells in culture. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2006</b> , 41, 633-41	5.8	46
83	Soluble miniagrin enhances contractile function of engineered skeletal muscle. <i>FASEB Journal</i> , <b>2012</b> , 26, 955-65	0.9	45
82	Functional reentry in cultured monolayers of neonatal rat cardiac cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 285, H449-56	5.2	45
81	In Vitro Tissue-Engineered Skeletal Muscle Models for Studying Muscle Physiology and Disease. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701498	10.1	44

80	WNT3 is a biomarker capable of predicting the definitive endoderm differentiation potential of hESCs. <i>Stem Cell Reports</i> , <b>2013</b> , 1, 46-52	8	44
79	Physiology and metabolism of tissue-engineered skeletal muscle. <i>Experimental Biology and Medicine</i> , <b>2014</b> , 239, 1203-14	3-7	43
78	Mechanoelectrical excitation by fluid jets in monolayers of cultured cardiac myocytes. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 2328-36; discussion 2320	3-7	39
77	Synergizing Engineering and Biology to Treat and Model Skeletal Muscle Injury and Disease. <i>Annual Review of Biomedical Engineering</i> , <b>2015</b> , 17, 217-42	12	38
76	A method to replicate the microstructure of heart tissue in vitro using DTMRI-based cell micropatterning. <i>Annals of Biomedical Engineering</i> , <b>2009</b> , 37, 2510-21	4-7	38
75	Sodium channel kinetic changes that produce Brugada syndrome or progressive cardiac conduction system disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H399-407	5-2	38
74	Biomaterializing the promise of cardiac tissue engineering. <i>Biotechnology Advances</i> , <b>2020</b> , 42, 107353	17.8	38
73	Human Cardiac Tissue Engineering: From Pluripotent Stem Cells to Heart Repair. <i>Current Opinion in Chemical Engineering</i> , <b>2015</b> , 7, 57-64	5-4	36
72	Engineered skeletal muscles for disease modeling and drug discovery. <i>Biomaterials</i> , <b>2019</b> , 221, 119416	15.6	36
71	Reflective interferometric chamber for quantitative phase imaging of biological sample dynamics. <i>Journal of Biomedical Optics</i> , <b>2010</b> , 15, 030503	3-5	36
70	Design, evaluation, and application of engineered skeletal muscle. <i>Methods</i> , <b>2016</b> , 99, 81-90	4-6	35
69	STIM1-Ca <sup>2+</sup> signaling modulates automaticity of the mouse sinoatrial node. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E5618-27	11.5	34
68	Acceleration of functional reentry by rapid pacing in anisotropic cardiac monolayers: formation of multi-wave functional reentries. <i>Cardiovascular Research</i> , <b>2006</b> , 69, 381-90	9-9	34
67	Developmental stage-dependent effects of cardiac fibroblasts on function of stem cell-derived engineered cardiac tissues. <i>Scientific Reports</i> , <b>2017</b> , 7, 42290	4-9	30
66	Cardiac tissue engineering using stem cells. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2009</b> , 28, 80, 82, 84-6, 88-9		29
65	Long-term contractile activity and thyroid hormone supplementation produce engineered rat myocardium with adult-like structure and function. <i>Acta Biomaterialia</i> , <b>2018</b> , 78, 98-110	10.8	26
64	An Engineered Optogenetic Switch for Spatiotemporal Control of Gene Expression, Cell Differentiation, and Tissue Morphogenesis. <i>ACS Synthetic Biology</i> , <b>2017</b> , 6, 2003-2013	5-7	26
63	Cell Density and Joint microRNA-133a and microRNA-696 Inhibition Enhance Differentiation and Contractile Function of Engineered Human Skeletal Muscle Tissues. <i>Tissue Engineering - Part A</i> , <b>2016</b> , 22, 573-83	3-9	25

62	A method to measure myocardial calcium handling in adult Drosophila. <i>Circulation Research</i> , <b>2011</b> , 108, 1306-15	15.7	25
61	Contractile and metabolic properties of engineered skeletal muscle derived from slow and fast phenotype mouse muscle. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 1750-7	7	21
60	Design considerations for an integrated microphysiological muscle tissue for drug and tissue toxicity testing. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4 Suppl 1, S10	8.3	21
59	Role of contraction duration in inducing fast-to-slow contractile and metabolic protein and functional changes in engineered muscle. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 2489-97	7	21
58	The effect of serum origin on tissue engineered skeletal muscle function. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 2198-207	4.7	21
57	Engineered muscle: a tool for studying muscle physiology and function. <i>Exercise and Sport Sciences Reviews</i> , <b>2007</b> , 35, 186-91	6.7	21
56	The NIH Somatic Cell Genome Editing program. <i>Nature</i> , <b>2021</b> , 592, 195-204	50.4	21
55	Conduction block in micropatterned cardiomyocyte cultures replicating the structure of ventricular cross-sections. <i>Cardiovascular Research</i> , <b>2012</b> , 93, 263-71	9.9	20
54	Size and ionic currents of unexcitable cells coupled to cardiomyocytes distinctly modulate cardiac action potential shape and pacemaking activity in micropatterned cell pairs. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2012</b> , 5, 821-30	6.4	19
53	Cardiac cell therapy in vitro: reproducible assays for comparing the efficacy of different donor cells. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2008</b> , 27, 72-80		19
52	Cardiac fibroblasts in pressure overload hypertrophy: the enemy within?. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2850-3	15.9	18
51	Glucose concentration and streptomycin alter in vitro muscle function and metabolism. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 1226-34	7	17
50	Factors That Affect Tissue-Engineered Skeletal Muscle Function and Physiology. <i>Cells Tissues Organs</i> , <b>2016</b> , 202, 159-168	2.1	16
49	Engineering prokaryotic channels for control of mammalian tissue excitability. <i>Nature Communications</i> , <b>2016</b> , 7, 13132	17.4	16
48	X-linked inhibitor of apoptosis protein-mediated attenuation of apoptosis, using a novel cardiac-enhanced adeno-associated viral vector. <i>Human Gene Therapy</i> , <b>2012</b> , 23, 635-46	4.8	16
47	Rapid fusion between mesenchymal stem cells and cardiomyocytes yields electrically active, non-contractile hybrid cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 12043	4.9	15
46	Genetically Encoded Photoactuators and Photosensors for Characterization and Manipulation of Pluripotent Stem Cells. <i>Theranostics</i> , <b>2017</b> , 7, 3539-3558	12.1	15
45	Single-detector simultaneous optical mapping of V(m) and [Ca(2+)](i) in cardiac monolayers. <i>Annals of Biomedical Engineering</i> , <b>2012</b> , 40, 1006-17	4.7	14

44	Characterizing functional stem cell-cardiomyocyte interactions. <i>Regenerative Medicine</i> , <b>2010</b> , 5, 87-105	2.5	14
43	Exercise mimetics and JAK inhibition attenuate IFN- $\gamma$ -induced wasting in engineered human skeletal muscle. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	14
42	Correction of Biochemical Abnormalities and Improved Muscle Function in a Phase I/II Clinical Trial of Clenbuterol in Pompe Disease. <i>Molecular Therapy</i> , <b>2018</b> , 26, 2304-2314	11.7	13
41	Adjunctive $\beta$ -agonist treatment reduces glycogen independently of receptor-mediated acid $\alpha$ -glucosidase uptake in the limb muscles of mice with Pompe disease. <i>FASEB Journal</i> , <b>2014</b> , 28, 2272-80	0.9	13
40	Calcium dependent CAMTA1 in adult stem cell commitment to a myocardial lineage. <i>PLoS ONE</i> , <b>2012</b> , 7, e38454	3.7	12
39	Genetic engineering of somatic cells to study and improve cardiac function. <i>Europace</i> , <b>2012</b> , 14 Suppl 5, v40-v49	3.9	12
38	Streptomycin decreases the functional shift to a slow phenotype induced by electrical stimulation in engineered muscle. <i>Tissue Engineering - Part A</i> , <b>2015</b> , 21, 1003-12	3.9	11
37	Hif-1a suppresses ROS-induced proliferation of cardiac fibroblasts following myocardial infarction. <i>Cell Stem Cell</i> , <b>2021</b> ,	18	11
36	A computer model of engineered cardiac monolayers. <i>Biophysical Journal</i> , <b>2010</b> , 98, 1762-71	2.9	10
35	Lack of Thy1 defines a pathogenic fraction of cardiac fibroblasts in heart failure. <i>Biomaterials</i> , <b>2020</b> , 236, 119824	15.6	8
34	Three-dimensional tissue-engineered human skeletal muscle model of Pompe disease. <i>Communications Biology</i> , <b>2021</b> , 4, 524	6.7	8
33	Microheterogeneity-induced conduction slowing and wavefront collisions govern macroscopic conduction behavior: A computational and experimental study. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006276	5	7
32	Tissue-Engineered Human Myobundle System as a Platform for Evaluation of Skeletal Muscle Injury Biomarkers. <i>Toxicological Sciences</i> , <b>2020</b> , 176, 124-136	4.4	7
31	Spatial profiles of electrical mismatch determine vulnerability to conduction failure across a host-donor cell interface. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 1200-7	6.4	6
30	The small molecule Chicago Sky Blue promotes heart repair following myocardial infarction in mice. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	6
29	Ion channel engineering for modulation and de novo generation of electrical excitability. <i>Current Opinion in Biotechnology</i> , <b>2019</b> , 58, 100-107	11.4	5
28	Generation and customization of biosynthetic excitable tissues for electrophysiological studies and cell-based therapies. <i>Nature Protocols</i> , <b>2018</b> , 13, 927-945	18.8	5
27	Tissue-Engineered Skeletal Muscle Models to Study Muscle Function, Plasticity, and Disease. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 619710	4.6	5

26	Glucose Uptake and Insulin Response in Tissue-engineered Human Skeletal Muscle. <i>Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 17, 801-813	4.5	4
25	Modeling an Excitable Biosynthetic Tissue with Inherent Variability for Paired Computational-Experimental Studies. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005342	5	4
24	Quantifying electrical interactions between cardiomyocytes and other cells in micropatterned cell pairs. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1181, 249-62	1.4	4
23	Collision-based spiral acceleration in cardiac media: roles of wavefront curvature and excitable gap. <i>Biophysical Journal</i> , <b>2010</b> , 98, 1119-28	2.9	3
22	Genetic engineering and stem cells: combinatorial approaches for cardiac cell therapy. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2008</b> , 27, 85-8		3
21	Rotors and Spiral Waves in Two Dimensions <b>2004</b> , 336-344		3
20	Loss of sarcomeric proteins via upregulation of JAK/STAT signaling underlies interferon- $\beta$ -induced contractile deficit in engineered human myocardium. <i>Acta Biomaterialia</i> , <b>2021</b> , 126, 144-153	10.8	3
19	Altering integrin engagement regulates membrane localization of K2.1 channels. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	2
18	FGF13 is a Regulator of the Cardiac Voltage-Gated Sodium Channel Nav1.5. <i>Biophysical Journal</i> , <b>2011</b> , 100, 420a-421a	2.9	2
17	Stem cell therapies for heart disease: why do we need bioengineers?. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2007</b> , 26, 76-9		2
16	Neuromuscular Development and Disease: Learning From and Models. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 764732	5.7	2
15	Frame-Hydrogel Methodology for Engineering Highly Functional Cardiac Tissue Constructs. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2158, 171-186	1.4	2
14	Human ErbB2-induced Erk activity robustly stimulates cycling and functional remodeling of rat and human cardiomyocytes. <i>ELife</i> , <b>2021</b> , 10,	8.9	1
13	Myoblast deactivation within engineered human skeletal muscle creates a transcriptionally heterogeneous population of quiescent satellite-like cells.. <i>Biomaterials</i> , <b>2022</b> , 284, 121508	15.6	1
12	Engineered bacterial voltage-gated sodium channel platform for cardiac gene therapy.. <i>Nature Communications</i> , <b>2022</b> , 13, 620	17.4	0
11	Targeted Delivery for Cardiac Regeneration: Comparison of Intra-coronary Infusion and Intra-myocardial Injection in Porcine Hearts.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 833335	5.4	0
10	In vitro discovery of novel prokaryotic ion channel candidates for antiarrhythmic gene therapy. <i>Methods in Enzymology</i> , <b>2021</b> , 654, 407-434	1.7	0
9	Cardiac Fibroblasts and Arrhythmogenesis <b>2014</b> , 297-308		



- 8 Maturation of functional cardiac tissue patches **2014**, 248-282
- 7 The role restitution in pacing induced spiral wave acceleration. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, **2006**, 2006, 3919-22
- 6 Cardiomyoplasty: the prospect of human stem cells. *IEEE Engineering in Medicine and Biology Magazine*, **2005**, 24, 125-7
- 5 System identification of dynamic closed-loop control of total peripheral resistance by arterial and cardiopulmonary baroreceptors. *Acta Astronautica*, **2001**, 49, 167-70 2.9
- 4 Cardiac Tissue Engineering **2007**, 27-1-27-24
- 3 Gene Expression Differences In Three-dimensional Myobundles Compared To Two-dimensional Myocultures. *Medicine and Science in Sports and Exercise*, **2020**, 52, 781-782 1.2
- 2 BRG1 is a biomarker of hypertrophic cardiomyopathy in human heart specimens.. *Scientific Reports*, **2022**, 12, 7996 4.9
- 1 CRISPR Library Screening in Cultured Cardiomyocytes. *Methods in Molecular Biology*, **2022**, 1-13 1.4