

# Vladimir Kasyanov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9293476/publications.pdf>

Version: 2024-02-01

21  
papers

2,777  
citations

623574

14  
h-index

940416

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organ printing: Tissue spheroids as building blocks. <i>Biomaterials</i> , 2009, 30, 2164-2174.	5.7	1,106
2	Periostin regulates collagen fibrillogenesis and the biomechanical properties of connective tissues. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 695-711.	1.2	530
3	Organ printing: from bioprinter to organ biofabrication line. <i>Current Opinion in Biotechnology</i> , 2011, 22, 667-673.	3.3	291
4	Organ printing: promises and challenges. <i>Regenerative Medicine</i> , 2008, 3, 93-103.	0.8	222
5	Towards organ printing: engineering an intra-organ branched vascular tree. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 409-420.	1.4	203
6	Nanotechnology in vascular tissue engineering: from nanoscaffolding towards rapid vessel biofabrication. <i>Trends in Biotechnology</i> , 2008, 26, 338-344.	4.9	129
7	Magnetic levitational bioassembly of 3D tissue construct in space. <i>Science Advances</i> , 2020, 6, eaba4174.	4.7	77
8	Burr-like, laser-made 3D microscaffolds for tissue spheroid engagement. <i>Biointerphases</i> , 2015, 10, 021011.	0.6	43
9	Delivery of Human Adipose Stem Cells Spheroids into Lockyballs. <i>PLoS ONE</i> , 2016, 11, e0166073.	1.1	36
10	Design, physical prototyping and initial characterisation of "lockyballs"™. <i>Virtual and Physical Prototyping</i> , 2012, 7, 287-301.	5.3	32
11	The fusion of tissue spheroids attached to pre-stretched electrospun polyurethane scaffolds. <i>Journal of Tissue Engineering</i> , 2014, 5, 204173141455656.	2.3	32
12	Organ Printing as an Information Technology. <i>Procedia Engineering</i> , 2015, 110, 151-158.	1.2	21
13	Biofabrication of a Functional Tubular Construct from Tissue Spheroids Using Magnetoacoustic Levitational Directed Assembly. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000721.	3.9	19
14	Age-related analysis of structural, biochemical and mechanical properties of the porcine mitral heart valve leaflets. <i>Connective Tissue Research</i> , 2013, 54, 394-402.	1.1	18
15	Design and Implementation of Novel Multifunctional 3D Bioprinter. <i>3D Printing and Additive Manufacturing</i> , 2016, 3, 64-68.	1.4	14
16	Virtual Biofabrication Line. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 289-294.	0.4	3
17	Title is missing!. , 2014, , .		1
18	The Histomorphometry of Rabbit Bone Tissue with Experimental Osteoporosis after Implantation of Biphasic Calcium Phosphate Materials. <i>Key Engineering Materials</i> , 2020, 850, 249-253.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Third Strategy in Tissue Engineering: Tissue Spheroids Encaged into Microscaffolds. , 2014, , .		0
20	Biomechanical Properties of Human Dilated Ascending Aorta. Proceedings of the Latvian Academy of Sciences, 2019, 73, 107-111.	0.0	0
21	General Influence of Biphasic Calcium Phosphate on Osteoporotic Bone Density. Proceedings of the Latvian Academy of Sciences, 2019, 73, 185-188.	0.0	0