

# Felicia Carotenuto

## List of Publications by Year in descending order

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35  
papers

1,097  
citations

430754

18  
h-index

414303

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatocyte Growth Factor Effects on Mesenchymal Stem Cells: Proliferation, Migration, and Differentiation. <i>Stem Cells</i> , 2006, 24, 23-33.	1.4	361
2	Criticality of the Biological and Physical Stimuli Array Inducing Resident Cardiac Stem Cell Determination. <i>Stem Cells</i> , 2008, 26, 2093-2103.	1.4	98
3	$\beta$ -Catenin accumulates in intercalated disks of hypertrophic cardiomyopathic hearts. <i>Cardiovascular Research</i> , 2003, 60, 376-387.	1.8	72
4	Brain Natriuretic Peptide (BNP) regulates the production of inflammatory mediators in human THP-1 macrophages. <i>Regulatory Peptides</i> , 2008, 148, 26-32.	1.9	49
5	H <sub>2</sub> S-releasing nanoemulsions: a new formulation to inhibit tumor cells proliferation and improve tissue repair. <i>Oncotarget</i> , 2016, 7, 84338-84358.	0.8	45
6	$\alpha$ -Linolenic Acid-Enriched Diet Prevents Myocardial Damage and Expands Longevity in Cardiomyopathic Hamsters. <i>American Journal of Pathology</i> , 2006, 169, 1913-1924.	1.9	44
7	Smart ECM-Based Electrospun Biomaterials for Skeletal Muscle Regeneration. <i>Nanomaterials</i> , 2020, 10, 1781.	1.9	34
8	$\alpha$ -linolenic acid reduces TNF-induced apoptosis in C2C12 myoblasts by regulating expression of apoptotic proteins. <i>European Journal of Translational Myology</i> , 2016, 26, 6033.	0.8	33
9	A diet supplemented with ALA-rich flaxseed prevents cardiomyocyte apoptosis by regulating caveolin-3 expression. <i>Cardiovascular Research</i> , 2013, 100, 422-431.	1.8	29
10	Turning regenerative technologies into treatment to repair myocardial injuries. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2704-2716.	1.6	29
11	Thick Soft Tissue Reconstruction on Highly Perfusive Biodegradable Scaffolds. <i>Macromolecular Bioscience</i> , 2010, 10, 127-138.	2.1	27
12	Scaffold-in-Scaffold Potential to Induce Growth and Differentiation of Cardiac Progenitor Cells. <i>Stem Cells and Development</i> , 2017, 26, 1438-1447.	1.1	26
13	An Omega-3 Fatty Acid-Enriched Diet Prevents Skeletal Muscle Lesions in a Hamster Model of Dystrophy. <i>American Journal of Pathology</i> , 2010, 177, 2176-2184.	1.9	25
14	Tuning hierarchical architecture of 3D polymeric scaffolds for cardiac tissue engineering. <i>Journal of Experimental Nanoscience</i> , 2008, 3, 97-110.	1.3	22
15	3D Printing Decellularized Extracellular Matrix to Design Biomimetic Scaffolds for Skeletal Muscle Tissue Engineering. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	22
16	Stem cell activation sustains hereditary hypertrophy in hamster cardiomyopathy. <i>Journal of Pathology</i> , 2005, 205, 397-407.	2.1	21
17	How Diet Intervention via Modulation of DNA Damage Response through MicroRNAs May Have an Effect on Cancer Prevention and Aging, an in Silico Study. <i>International Journal of Molecular Sciences</i> , 2016, 17, 752.	1.8	20
18	Activatory Properties of Lysophosphatidic Acid on Human THP-1 Cells. <i>Inflammation</i> , 2007, 30, 167-177.	1.7	19

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19	Dietary Flaxseed Mitigates Impaired Skeletal Muscle Regeneration: <i>in Vivo</i> , <i>in Vitro</i> and <i>in Silico</i> Studies. <i>International Journal of Medical Sciences</i> , 2016, 13, 206-219.	1.1	17
20	From Soft to Hard Biomimetic Materials: Tuning Micro/Nano-Architecture of Scaffolds for Tissue Regeneration. <i>Micromachines</i> , 2022, 13, 780.	1.4	15
21	Identification of a new missense mutation in the mtDNA of hereditary hypertrophic, but not dilated cardiomyopathic hamsters. <i>Molecular and Cellular Biochemistry</i> , 2003, 252, 73-81.	1.4	14
22	Endomorphin-1 prevents lipid accumulation via CD36 down-regulation and modulates cytokines release from human lipid-laden macrophages. <i>Peptides</i> , 2011, 32, 80-85.	1.2	14
23	Intrinsically Conductive Polymers for Striated Cardiac Muscle Repair. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8550.	1.8	12
24	Insulin deficiency and reduced expression of lipogenic enzymes in cardiomyopathic hamster. <i>Journal of Lipid Research</i> , 2001, 42, 96-105.	2.0	9
25	Extrinsically Conductive Nanomaterials for Cardiac Tissue Engineering Applications. <i>Micromachines</i> , 2021, 12, 914.	1.4	8
26	Harnessing Inorganic Nanoparticles to Direct Macrophage Polarization for Skeletal Muscle Regeneration. <i>Nanomaterials</i> , 2020, 10, 1963.	1.9	7
27	Nanoporous Microsponge Particles (NMP) of Polysaccharides as Universal Carriers for Biomolecules Delivery. <i>Nanomaterials</i> , 2020, 10, 1075.	1.9	7
28	Cardiac Regeneration: the Heart of the Issue. <i>Current Transplantation Reports</i> , 2021, 8, 67-75.	0.9	5
29	Information-Driven Design as a Potential Approach for 3D Printing of Skeletal Muscle Biomimetic Scaffolds. <i>Nanomaterials</i> , 2020, 10, 1986.	1.9	3
30	Intercalated disk remodeling in delta-sarcoglycan-deficient hamsters fed with an alpha-linolenic acid-enriched diet. <i>International Journal of Molecular Medicine</i> , 2008, 21, 41-8.	1.8	3
31	$\alpha$ -linolenic acid-enriched diet restores myocardial contractile function and expands longevity in cardiomyopathic hamster. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 1001-1002.	0.9	1
32	Intracellular signaling in cardiomyopathic hamster myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, A43.	0.9	0
33	$\alpha$ -linolenic acid prevents TNF- $\alpha$ -induced apoptosis in neonatal cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 1001.	0.9	0
34	Effects of physical factors on cardiac stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S92-S93.	0.9	0
35	ALA-diet prevents myocardial damage in hereditary cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S65-S66.	0.9	0