Libero Vitiello

List of Publications by Year
in descending order

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60 papers	2,263 citations	257101 24 h-index	223531 46 g-index
62 all docs	62 docs citations	62 times ranked	3022 citing authors

#	Article	IF	Citations
1	3D Printed Graphene-PLA Scaffolds Promote Cell Alignment and Differentiation. International Journal of Molecular Sciences, 2022, 23, 1736.	1.8	21
2	Tuning the Consonance of Microscopic Neuro-Cardiac Interactions Allows the Heart Beats to Play Countless Genres. Frontiers in Physiology, 2022, 13, 841740.	1.3	3
3	Biofabricating murine and human myoâ€substitutes for rapid volumetric muscle loss restoration. EMBO Molecular Medicine, 2021, 13, e12778.	3.3	29
4	De novo revertant fiber formation and therapy testing in a 3D culture model of Duchenne muscular dystrophy skeletal muscle. Acta Biomaterialia, 2021, 132, 227-244.	4.1	26
5	Circulating miR-185-5p as a Potential Biomarker for Arrhythmogenic Right Ventricular Cardiomyopathy. Cells, 2021, 10, 2578.	1.8	5
6	Recent Advances in CRISPR/Cas9-Based Genome Editing Tools for Cardiac Diseases. International Journal of Molecular Sciences, 2021, 22, 10985.	1.8	5
7	Chronic Systemic Curcumin Administration Antagonizes Murine Sarcopenia and Presarcopenia. International Journal of Molecular Sciences, 2021, 22, 11789.	1.8	9
8	Engineering a 3D in vitro model of human skeletal muscle at the single fiber scale. PLoS ONE, 2020, 15, e0232081.	1.1	18
9	Modeling Cardiovascular Diseases with hiPSC-Derived Cardiomyocytes in 2D and 3D Cultures. International Journal of Molecular Sciences, 2020, 21, 3404.	1.8	46
10	Commitment of Autologous Human Multipotent Stem Cells on Biomimetic Poly-L-Lactic Acid-Based Scaffolds Is Strongly Influenced by Structure and Concentration of Carbon Nanomaterial. Nanomaterials, 2020, 10, 415.	1.9	14
11	Novel Missense Variant in MYL2 Gene Associated With Hypertrophic Cardiomyopathy Showing High Incidence of Restrictive Physiology. Circulation Genomic and Precision Medicine, 2020, 13, e002824.	1.6	6
12	Teaching an Old Molecule New Tricks: Drug Repositioning for Duchenne Muscular Dystrophy. International Journal of Molecular Sciences, 2019, 20, 6053.	1.8	14
13	A targeted next-generation gene panel reveals a novel heterozygous nonsense variant in the TP63 gene in patients with arrhythmogenic cardiomyopathy. Heart Rhythm, 2019, 16, 773-780.	0.3	15
14	A novel murine model for arrhythmogenic cardiomyopathy points to a pathogenic role of Wnt signalling and miRNA dysregulation. Cardiovascular Research, 2019, 115, 739-751.	1.8	40
15	Designing a 3D printed human derived artificial myo-structure for anal sphincter defects in anorectal malformations and adult secondary damage. Materials Today Communications, 2018, 15, 120-123.	0.9	7
16	Drug Repurposing for Duchenne Muscular Dystrophy: The Monoamine Oxidase B Inhibitor Safinamide Ameliorates the Pathological Phenotype in mdx Mice and in Myogenic Cultures From DMD Patients. Frontiers in Physiology, 2018, 9, 1087.	1.3	11
17	A novel murine model for arrhythmogenic cardiomyopathy points to a pathogenic role of Wnt/β-catenin signaling and miRNA dysregulation. Journal of Molecular and Cellular Cardiology, 2018, 120, 51-52.	0.9	1
18	Convenience versus Biological Significance: Are PMA-Differentiated THP-1 Cells a Reliable Substitute for Blood-Derived Macrophages When Studying in Vitro Polarization?. Frontiers in Pharmacology, 2018, 9, 71.	1.6	180

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19	SPP1 genotype and glucocorticoid treatment modify osteopontin expression in Duchenne muscular dystrophy cells. Human Molecular Genetics, 2017, 26, 3342-3351.	1.4	23
20	Secretion-Positive LGI1 Mutations Linked to Lateral Temporal Epilepsy Impair Binding to ADAM22 and ADAM23 Receptors. PLoS Genetics, 2016, 12, e1006376.	1.5	23
21	Sciences within European Young Researcher Community272The neuro-cardiac interaction defines an extracellular microdomain required for neurotrophic signaling273Gut microbiota is important in the development of angiotensin II driven arterial hypertension and vascular dysfunction in mice274Role of the mitochondrial protein Opa1 in the regulation of the cardiac sympathetic neuron physiology. Cardiovascular Research, 2016, 111, S53-S53.	1.8	1
22	The Rag2â€“Il2rbâ€“Dmdâ€“ Mouse: a Novel Dystrophic and Immunodeficient Model to Assess Innovating Therapeutic Strategies for Muscular Dystrophies. Molecular Therapy, 2013, 21, 1950-1957.	3.7	23
23	Revertant Fibers in the mdx Murine Model of Duchenne Muscular Dystrophy: An Age- and Muscle-Related Reappraisal. PLoS ONE, 2013, 8, e72147.	1.1	27
24	The Glucose-Dependent Insulinotropic Polypeptide Receptor is Overexpressed Amongst GNAS1 Mutation-Negative Somatotropinomas and Drives Growth Hormone (GH)-Promoter Activity in GH3 Cells. Journal of Neuroendocrinology, 2011, 23, 641-649.	1.2	39
25	Three-dimensional porous scaffold allows long-term wild-type cell delivery in dystrophic muscle. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 1-10.	1.3	25
26	Familial temporal lobe epilepsy with psychic auras associated with a novel LGI1 mutation. Neurology, 2011, 76, 1173-1176.	1.5	49
27	In vivo tissue engineering of functional skeletal muscle by freshly isolated satellite cells embedded in a photopolymerizable hydrogel. FASEB Journal, 2011, 25, 2296-2304.	0.2	161
28	Macrophage-secreted factors enhance thein vitroexpansion of DMD muscle precursor cells while preserving their myogenic potential. Neurological Research, 2010, 32, 55-62.	0.6	8
29	Pericentriolar material analyses in normal esophageal mucosa, Barrett's metaplasia and adenocarcinoma. Histology and Histopathology, 2010, 25, 551-60.	0.5	16
30	Selection of multipotent cells and enhanced muscle reconstruction by myogenic macrophage-secreted factors. Experimental Cell Research, 2009, 315, 915-927.	1.2	20
31	In vivo delivery of naked antisense oligos in aged mdx mice: Analysis of dystrophin restoration in skeletal and cardiac muscle. Neuromuscular Disorders, 2008, 18, 597-605.	0.3	27
32	Loss-of-Function Mutation of theGPR40Gene Associates with Abnormal Stimulated Insulin Secretion by Acting on Intracellular Calcium Mobilization. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3541-3550.	1.8	61
33	Electrophysiologic stimulation improves myogenic potential of muscle precursor cells grown in a 3D collagen scaffold. Neurological Research, 2008, 30, 207-214.	0.6	56
34	A Novel Loss-of-Function LGI1 Mutation Linked to Autosomal Dominant Lateral Temporal Epilepsy. Archives of Neurology, 2008, 65, 939-42.	4.9	33
35	Efficient Delivery of Human Single Fiber-Derived Muscle Precursor Cells via Biocompatible Scaffold. Cell Transplantation, 2008, 17, 577-584.	1.2	42
36	Satellite Cells Delivered by Micro-Patterned Scaffolds: A New Strategy for Cell Transplantation in Muscle Diseases. Tissue Engineering, 2007, 13, 253-262.	4.9	62

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37	Murine Muscle Precursor Cells Survived and Integrated in a Cryoinjured Gastroesophageal Junction. Journal of Surgical Research, 2007, 143, 253-259.	0.8	11
38	The LGI1/Epitempin gene encodes two protein isoforms differentially expressed in human brain. Journal of Neurochemistry, 2006, 98, 985-991.	2.1	24
39	Regulatory mutations in transforming growth factor-?3 gene cause arrhythmogenic right ventricular cardiomyopathy type 1. Cardiovascular Research, 2005, 65, 366-373.	1.8	364
40	Fine analysis of the short arm of chromosome 1 in sporadic and familial pheochromocytoma. Clinical Endocrinology, 2003, 59, 707-715.	1.2	19
41	Analysis of Differential Lipofection Efficiency in Primary and Established Myoblasts. Molecular Therapy, 2002, 5, 161-169.	3.7	35
42	Macrophage-secreted myogenic factors: a promising tool for greatly enhancing the proliferative capacity of myoblasts in vitro and in vivo. Neurological Sciences, 2002, 23, 189-194.	0.9	111
43	Gene transfer in skeletal muscle by systemic injection of DODAC lipopolyplexes. Neurological Sciences, 2000, 21, S967-S969.	0.9	7
44	Transfection of cultured myoblasts in high serum concentration with DODAC:DOPE liposomes. Gene Therapy, 1998, 5, 1306-1313.	2.3	53
45	Gene therapy for duchenne muscular dystrophy â€" Early experiences with liposome-mediated gene transfer. Transfusion Science, 1996, 17, 63-69.	0.6	1
46	Duchenne phenotype with in-frame deletion removing major portion of dystrophin rod: Threshold effect for deletion size?. Muscle and Nerve, 1996, 19, 1154-1160.	1.0	40
47	Dystrophin-positive fibers in duchenne dystrophy: Origin and correlation to clinical course. Muscle and Nerve, 1995, 18, 1115-1120.	1.0	68
48	Duplication of dystrophin gene and dissimilar clinical phenotype in the same family. Neuromuscular Disorders, 1995, 5, 475-481.	0.3	8
49	Genomic Organization of the Human Dystrophin Gene across the Major Deletion Hot Spot and the 3â€² Region. Genomics, 1995, 28, 97-100.	1.3	33
50	A study on duplications of the dystrophin gene: Evidence of a geographical difference in the distribution of breakpoints by intron. Human Genetics, 1994, 94, 83-87.	1.8	17
51	Occurrence of two different intragenic deletions in two male relatives affected with Duchenne muscular dystrophy. American Journal of Medical Genetics Part A, 1994, 50, 84-86.	2.4	8
52	A novel nonsense mutation in the human dystrophin gene. Human Mutation, 1993, 2, 314-316.	1.1	18
53	Patterns of deletions of the dystrophin gene in different European populations. Human Genetics, 1993, 91, 342-6.	1.8	32
54	Cardiac involvement in becker muscular dystrophy. Journal of the American College of Cardiology, 1993, 22, 1927-1934.	1.2	124

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55	DXS997 localized to intron 48 of dystrophin. Human Molecular Genetics, 1993, 2, 2199-2199.	1.4	5
56	Reappraisal of the Incidence Rate of Duchenne and Becker Muscular Dystrophies on the Basis of Molecular Diagnosis. Neuroepidemiology, 1993, 12, 326-330.	1.1	22
57	Detection of unknown gene mutations by multiplex single-strand conformation polymorphism (MSSCP).. Genome Research, 1993, 3, 60-62.	2.4	3
58	Screening for mutations in the muscle promoter region and for exonic deletions in a series of 115 DMD and BMD patients.. Journal of Medical Genetics, 1992, 29, 127-130.	1.5	23
59	A 3â€² consensus splice mutation in the human dystrophin gene detected by a screening for intra-exonic deletions. Human Molecular Genetics, 1992, 1, 345-346.	1.4	35
60	Prevalence of dystrophin-positive fibers in 85 duchenne muscular dystrophy patients. Neuromuscular Disorders, 1992, 2, 41-45.	0.3	55