Elena Sommariva

List of Publications by Year
in descending order

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53	1,562	361045	329751
papers	citations	20 h-index	37 g-index

55	55	55	2539
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human-iPSC-Derived Cardiac Stromal Cells Enhance Maturation in 3D Cardiac Microtissues and Reveal Non-cardiomyocyte Contributions to Heart Disease. Cell Stem Cell, 2020, 26, 862-879.e11.	5.2	337
2	Cardiac mesenchymal stromal cells are a source of adipocytes in arrhythmogenic cardiomyopathy. European Heart Journal, 2016, 37, 1835-1846.	1.0	83
3	Schizosaccharomyces pombe Swi1, Swi3, and Hsk1 Are Components of a Novel S-Phase Response Pathway to Alkylation Damage. Molecular and Cellular Biology, 2005, 25, 2770-2784.	1.1	76
4	Evidence of SARS-CoV-2 Transcriptional Activity in Cardiomyocytes of COVID-19 Patients without Clinical Signs of Cardiac Involvement. Biomedicines, 2020, 8, 626.	1.4	67
5	Diagnostic Yield of Electroanatomic Voltage Mapping in Guiding Endomyocardial Biopsies. Circulation, 2020, 142, 1249-1260.	1.6	61
6	New-onset atrial fibrillation as first clinical manifestation of latent Brugada syndrome: prevalence and clinical significance. European Heart Journal, 2009, 30, 2985-2992.	1.0	60
7	Genetics can contribute to the prognosis of Brugada syndrome: a pilot model for risk stratification. European Journal of Human Genetics, 2013, 21, 911-917.	1.4	58
8	Feasibility of Combined Unipolar and Bipolar Voltage Maps to Improve Sensitivity of Endomyocardial Biopsy. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 625-632.	2.1	58
9	Effects of canagliflozin on human myocardial redox signalling: clinical implications. European Heart Journal, 2021, 42, 4947-4960.	1.0	57
10	A Brugada syndrome mutation (p.S216L) and its modulation by p.H558R polymorphism: standard and dynamic characterization. Cardiovascular Research, 2011, 91, 606-616.	1.8	50
11	CaMKII Activity in the Inflammatory Response of Cardiac Diseases. International Journal of Molecular Sciences, 2019, 20, 4374.	1.8	50
12	MiR-320a as a Potential Novel Circulating Biomarker of Arrhythmogenic CardioMyopathy. Scientific Reports, 2017, 7, 4802.	1.6	39
13	Rtf1-Mediated Eukaryotic Site-Specific Replication Termination. Genetics, 2008, 180, 27-39.	1.2	35
14	Non-oxidizable HMGB1 induces cardiac fibroblasts migration via CXCR4 in a CXCL12-independent manner and worsens tissue remodeling after myocardial infarction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2693-2704.	1.8	35
15	Novel risk calculator performance in athletes with arrhythmogenic right ventricular cardiomyopathy. Heart Rhythm, 2020, 17, 1251-1259.	0.3	32
16	Long-term follow-up analysis of a highly characterized arrhythmogenic cardiomyopathy cohort with classical and non-classical phenotypesâ€“a real-world assessment of a novel prediction model: does the subtype really matter. Europace, 2020, 22, 797-805.	0.7	31
17	Cell models of arrhythmogenic cardiomyopathy: advances and opportunities. DMM Disease Models and Mechanisms, 2017, 10, 823-835.	1.2	29
18	Calcium as a Key Player in Arrhythmogenic Cardiomyopathy: Adhesion Disorder or Intracellular Alteration?. International Journal of Molecular Sciences, 2019, 20, 3986.	1.8	29

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19	Characteristics of Patients With Arrhythmogenic Left Ventricular Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e009005.	2.1	29
20	Isolation and Characterization of Cardiac Mesenchymal Stromal Cells from Endomyocardial Bioptic Samples of Arrhythmogenic Cardiomyopathy Patients. Journal of Visualized Experiments, 2018, , .	0.2	24
21	Electroanatomical mapping systems and intracardiac echo integration for guided endomyocardial biopsy. Expert Review of Medical Devices, 2017, 14, 609-619.	1.4	22
22	Arrhythmogenic Cardiomyopathy: the Guilty Party in Adipogenesis. Journal of Cardiovascular Translational Research, 2017, 10, 446-454.	1.1	21
23	The arrhythmogenic cardiomyopathy-specific coding and non-coding transcriptome in human cardiac stromal cells. BMC Genomics, 2018, 19, 491.	1.2	21
24	Digital PCR for high sensitivity viral detection in false-negative SARS-CoV-2 patients. Scientific Reports, 2021, 11, 4310.	1.6	21
25	Excess TGF-Î²1 Drives Cardiac Mesenchymal Stromal Cells to a Pro-Fibrotic Commitment in Arrhythmogenic Cardiomyopathy. International Journal of Molecular Sciences, 2021, 22, 2673.	1.8	17
26	Oxidized LDLâ€dependent pathway as new pathogenic trigger in arrhythmogenic cardiomyopathy. EMBO Molecular Medicine, 2021, 13, e14365.	3.3	16
27	Fibrosis in Arrhythmogenic Cardiomyopathy: The Phantom Thread in the Fibro-Adipose Tissue. Frontiers in Physiology, 2020, 11, 279.	1.3	15
28	Exploring digenic inheritance in arrhythmogenic cardiomyopathy. BMC Medical Genetics, 2017, 18, 145.	2.1	14
29	Arrhythmogenic cardiomyopathy: what blood can reveal?. Heart Rhythm, 2019, 16, 470-477.	0.3	14
30	Endomyocardial Biopsy: The Forgotten Piece in the Arrhythmogenic Cardiomyopathy Puzzle. Journal of the American Heart Association, 2021, 10, e021370.	1.6	14
31	A dominant-negative MEC3 mutant uncovers new functions for the Rad17 complex and Tel1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12997-13002.	3.3	13
32	Human Cell Modeling for Cardiovascular Diseases. International Journal of Molecular Sciences, 2020, 21, 6388.	1.8	12
33	Myocardial Inflammation, Sports Practice, and Sudden Cardiac Death: 2021 Update. Medicina (Lithuania), 2021, 57, 277.	0.8	12
34	Cardiac Biomarkers and Autoantibodies in Endurance Athletes: Potential Similarities with Arrhythmogenic Cardiomyopathy Pathogenic Mechanisms. International Journal of Molecular Sciences, 2021, 22, 6500.	1.8	12
35	Neuropeptide Y promotes adipogenesis of human cardiac mesenchymal stromal cells in arrhythmogenic cardiomyopathy. International Journal of Cardiology, 2021, 342, 94-102.	0.8	10
36	Differences in Mitochondrial Membrane Potential Identify Distinct Populations of Human Cardiac Mesenchymal Progenitor Cells. International Journal of Molecular Sciences, 2020, 21, 7467.	1.8	9

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37	Additional diagnostic value of cardiac magnetic resonance feature tracking in patients with biopsy-proven arrhythmogenic cardiomyopathy. International Journal of Cardiology, 2021, 339, 203-210.	0.8	8
38	Generation of human induced pluripotent stem cell line LUMCi027-A and its isogenic gene-corrected line from a patient affected by arrhythmogenic cardiomyopathy and carrying the c.2013delC PKP2 mutation. Stem Cell Research, 2020, 46, 101835.	0.3	7
39	Cardiac magnetic resonance features of left dominant arrhythmogenic cardiomyopathy: differential diagnosis with myocarditis. International Journal of Cardiovascular Imaging, 2022, 38, 397-405.	0.7	7
40	Sâ€ICD is effective in preventing sudden death in arrhythmogenic cardiomyopathy athletes during exercise. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1269-1272.	0.5	6
41	Compound Heterozygous SCN5A Gene Mutations in Aasymptomatic Brugada Syndrome Child. Neurology International, 2012, 2, e11.	0.2	5
42	Human Cardiac Mesenchymal Stromal Cells From Right and Left Ventricles Display Differences in Number, Function, and Transcriptomic Profile. Frontiers in Physiology, 2020, 11, 604.	1.3	5
43	Metabolic Signature of Arrhythmogenic Cardiomyopathy. Metabolites, 2021, 11, 195.	1.3	5
44	Presence of SARS-CoV-2 Nucleoprotein in Cardiac Tissues of Donors with Negative COVID-19 Molecular Tests. Diagnostics, 2021, 11, 731.	1.3	5
45	Cyclophilin A in Arrhythmogenic Cardiomyopathy Cardiac Remodeling. International Journal of Molecular Sciences, 2019, 20, 2403.	1.8	4
46	Mechanotransduction and Adrenergic Stimulation in Arrhythmogenic Cardiomyopathy: An Overview of in vitro and in vivo Models. Frontiers in Physiology, 2020, 11, 568535.	1.3	3
47	Clinical and Molecular Data Define a Diagnosis of Arrhythmogenic Cardiomyopathy in a Carrier of a Brugada-Syndrome-Associated PKP2 Mutation. Genes, 2020, 11, 571.	1.0	3
48	The transcription factor PREP1(PKNOX1) regulates nuclear stiffness, the expression of LINC complex proteins and mechanotransduction. Communications Biology, 2022, 5, 456.	2.0	3
49	GCN5 contributes to intracellular lipid accumulation in human primary cardiac stromal cells from patients affected by Arrhythmogenic cardiomyopathy. Journal of Cellular and Molecular Medicine, 2022, 26, 3687-3701.	1.6	3
50	Derivation of human induced pluripotent stem cell line EURACi004-A from skin fibroblasts of a patient with Arrhythmogenic Cardiomyopathy carrying the heterozygous PKP2 mutation c.2569_3018del50. Stem Cell Research, 2018, 32, 78-82.	0.3	2
51	Modeling Cardiomyopathies in a Dish: State-of-the-Art and Novel Perspectives on hiPSC-Derived Cardiomyocytes Maturation. Biology, 2021, 10, 730.	1.3	2
52	Pressure Overload Activates DNA-Damage Response in Cardiac Stromal Cells: A Novel Mechanism Behind Heart Failure With Preserved Ejection Fraction?. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	1
53	Generation of human induced pluripotent stem cell line EURACi006-A and its isogenic gene-corrected line EURACi006-A-1 from an arrhythmogenic cardiomyopathy patient carrying the c.1643delG PKP2 mutation. Stem Cell Research, 2021, 54, 102426.	0.3	0