Elena Sommariva

List of Publications by Year
in descending order

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	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
2	The transcription factor PREP1(PKNOX1) regulates nuclear stiffness, the expression of LINC complex proteins and mechanotransduction. Communications Biology, 2022, 5, 456.	2.0	3
3	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
4	Digital PCR for high sensitivity viral detection in false-negative SARS-CoV-2 patients. Scientific Reports, 2021, 11, 4310.	1.6	21
5	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
6	Metabolic Signature of Arrhythmogenic Cardiomyopathy. Metabolites, 2021, 11, 195.	1.3	5
7	Myocardial Inflammation, Sports Practice, and Sudden Cardiac Death: 2021 Update. Medicina (Lithuania), 2021, 57, 277.	0.8	12
8	Presence of SARS-CoV-2 Nucleoprotein in Cardiac Tissues of Donors with Negative COVID-19 Molecular Tests. Diagnostics, 2021, 11, 731.	1.3	5
9	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
10	Modeling Cardiomyopathies in a Dish: State-of-the-Art and Novel Perspectives on hiPSC-Derived Cardiomyocytes Maturation. Biology, 2021, 10, 730.	1.3	2
11	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
12	Effects of canagliflozin on human myocardial redox signalling: clinical implications. European Heart Journal, 2021, 42, 4947-4960.	1.0	57
13	Oxidized LDLâ€dependent pathway as new pathogenic trigger in arrhythmogenic cardiomyopathy. EMBO Molecular Medicine, 2021, 13, e14365.	3.3	16
14	Endomyocardial Biopsy: The Forgotten Piece in the Arrhythmogenic Cardiomyopathy Puzzle. Journal of the American Heart Association, 2021, 10, e021370.	1.6	14
15	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
16	Neuropeptide Y promotes adipogenesis of human cardiac mesenchymal stromal cells in arrhythmogenic cardiomyopathy. International Journal of Cardiology, 2021, 342, 94-102.	0.8	10
17	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
18	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

#	Article	IF	Citations
19	Diagnostic Yield of Electroanatomic Voltage Mapping in Guiding Endomyocardial Biopsies. Circulation, 2020, 142, 1249-1260.	1.6	61
20	Human Cell Modeling for Cardiovascular Diseases. International Journal of Molecular Sciences, 2020, 21, 6388.	1.8	12
21	Characteristics of Patients With Arrhythmogenic Left Ventricular Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e009005.	2.1	29
22	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
23	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
24	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
25	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
26	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
27	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
28	Fibrosis in Arrhythmogenic Cardiomyopathy: The Phantom Thread in the Fibro-Adipose Tissue. Frontiers in Physiology, 2020, 11, 279.	1.3	15
29	Novel risk calculator performance in athletes with arrhythmogenic right ventricular cardiomyopathy. Heart Rhythm, 2020, 17, 1251-1259.	0.3	32
30	Calcium as a Key Player in Arrhythmogenic Cardiomyopathy: Adhesion Disorder or Intracellular Alteration?. International Journal of Molecular Sciences, 2019, 20, 3986.	1.8	29
31	CaMKII Activity in the Inflammatory Response of Cardiac Diseases. International Journal of Molecular Sciences, 2019, 20, 4374.	1.8	50
32	Cyclophilin A in Arrhythmogenic Cardiomyopathy Cardiac Remodeling. International Journal of Molecular Sciences, 2019, 20, 2403.	1.8	4
33	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
34	Arrhythmogenic cardiomyopathy: what blood can reveal?. Heart Rhythm, 2019, 16, 470-477.	0.3	14
35	Isolation and Characterization of Cardiac Mesenchymal Stromal Cells from Endomyocardial Bioptic Samples of Arrhythmogenic Cardiomyopathy Patients. Journal of Visualized Experiments, 2018, , .	0.2	24
36	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

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37	The arrhythmogenic cardiomyopathy-specific coding and non-coding transcriptome in human cardiac stromal cells. BMC Genomics, 2018, 19, 491.	1.2	21
38	Arrhythmogenic Cardiomyopathy: the Guilty Party in Adipogenesis. Journal of Cardiovascular Translational Research, 2017, 10, 446-454.	1.1	21
39	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
40	MiR-320a as a Potential Novel Circulating Biomarker of Arrhythmogenic CardioMyopathy. Scientific Reports, 2017, 7, 4802.	1.6	39
41	Electroanatomical mapping systems and intracardiac echo integration for guided endomyocardial biopsy. Expert Review of Medical Devices, 2017, 14, 609-619.	1.4	22
42	Cell models of arrhythmogenic cardiomyopathy: advances and opportunities. DMM Disease Models and Mechanisms, 2017, 10, 823-835.	1.2	29
43	Exploring digenic inheritance in arrhythmogenic cardiomyopathy. BMC Medical Genetics, 2017, 18, 145.	2.1	14
44	Cardiac mesenchymal stromal cells are a source of adipocytes in arrhythmogenic cardiomyopathy. European Heart Journal, 2016, 37, 1835-1846.	1.0	83
45	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
46	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
47	Compound Heterozygous SCN5A Gene Mutations in Aasymptomatic Brugada Syndrome Child. Neurology International, 2012, 2, e11.	0.2	5
48	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
49	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
50	Rtf1-Mediated Eukaryotic Site-Specific Replication Termination. Genetics, 2008, 180, 27-39.	1.2	35
51	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
52	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
53	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