# Elisa Messina

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3187578/publications.pdf

Version: 2024-02-01

| 59 | 5,510 | 201575 | 149623 |
|---|---|---|---|
| papers | citations | 27 h-index | 56 g-index |

| 60 | 60 | 60 | 5460 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Reduction of Cardiac Fibrosis by Interference With YAP-Dependent Transactivation. Circulation Research, 2022, 131, 239-257. | 2.0 | 26 |
| 2 | Building an Artificial Cardiac Microenvironment: A Focus on the Extracellular Matrix. Frontiers in Cell and Developmental Biology, 2020, 8, 559032. | 1.8 | 19 |
| 3 | The Microenvironment of Decellularized Extracellular Matrix from Heart Failure Myocardium Alters the Balance between Angiogenic and Fibrotic Signals from Stromal Primitive Cells. International Journal of Molecular Sciences, 2020, 21, 7903. | 1.8 | 16 |
| 4 | When Stiffness Matters: Mechanosensing in Heart Development and Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 334. | 1.8 | 50 |
| 5 | Automated Segmentation of Fluorescence Microscopy Images for 3D Cell Detection in human-derived Cardiospheres. Scientific Reports, 2019, 9, 6644. | 1.6 | 44 |
| 6 | Stem Cell Spheroids and Ex Vivo Niche Modeling: Rationalization and Scaling-Up. Journal of Cardiovascular Translational Research, 2017, 10, 150-166. | 1.1 | 30 |
| 7 | Spheroid three-dimensional culture enhances Notch signaling in cardiac progenitor cells. MRS Communications, 2017, 7, 496-501. | 0.8 | 6 |
| 8 | A discrete in continuous mathematical model of cardiac progenitor cells formation and growth as spheroid clusters (Cardiospheres). Mathematical Medicine and Biology, 2017, 35, dqw022. | 0.8 | 8 |
| 9 | Effects of Exercise on Arrhythmia (and Viceversa): Lesson from the Greek Mythology. Advances in Experimental Medicine and Biology, 2017, 1000, 85-93. | 0.8 | 0 |
| 10 | Cardiac Mechanoperception: A Life-Long Story from Early Beats to Aging and Failure. Stem Cells and Development, 2017, 26, 77-90. | 1.1 | 26 |
| 11 | Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells with Distinctive Paracrine and Plasticity Properties. Stem Cells Translational Medicine, 2017, 6, 767-777. | 1.6 | 23 |
| 12 | EMT/MET at the Crossroad of Stemness, Regeneration and Oncogenesis: The Ying-Yang Equilibrium Recapitulated in Cell Spheroids. Cancers, 2017, 9, 98. | 1.7 | 62 |
| 13 | Normal versus Pathological Cardiac Fibroblast-Derived Extracellular Matrix Differentially Modulates Cardiosphere-Derived Cell Paracrine Properties and Commitment. Stem Cells International, 2017, 2017, 1-9. | 1.2 | 19 |
| 14 | Exosomes isolation protocols facts and artifacts for cardiac regeneration. Frontiers in Bioscience - Scholar, 2016, 8, 303-311. | 0.8 | 11 |
| 15 | Foetal bovine serum-derived exosomes affect yield and phenotype of human cardiac progenitor cell culture. BioImpacts, 2016, 6, 15-24. | 0.7 | 26 |
| 16 | Metformin increases APP expression and processing via oxidative stress, mitochondrial dysfunction and NF-Î¹B activation: Use of insulin to attenuate metformin's effect. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1046-1059. | 1.9 | 95 |
| 17 | Epicardial application of cardiac progenitor cells in a 3D-printed gelatin/hyaluronic acid patch preserves cardiac function after myocardial infarction. Biomaterials, 2015, 61, 339-348. | 5.7 | 265 |
| 18 | Insulin Resistance as Common Molecular Denominator Linking Obesity to Alzheimerâ€™s Disease. Current Alzheimer Research, 2015, 12, 723-735. | 0.7 | 97 |

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|---|---|---|---|
| 19 | Serum and supplement optimization for <scp>EU GMP</scp>â€compliance in cardiospheres cell culture. Journal of Cellular and Molecular Medicine, 2014, 18, 624-634. | 1.6 | 41 |
| 20 | Curcumin induces apoptosis in human neuroblastoma cells via inhibition of AKT and Foxo3a nuclear translocation. Free Radical Research, 2014, 48, 1397-1408. | 1.5 | 32 |
| 21 | Different types of cultured human adult Cardiac Progenitor Cells have a high degree of transcriptome similarity. Journal of Cellular and Molecular Medicine, 2014, 18, 2147-2151. | 1.6 | 34 |
| 22 | Biochemistry and biology: Heart-to-heart to investigate cardiac progenitor cells. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2459-2469. | 1.1 | 7 |
| 23 | Analysis of Pregnancy-Associated Plasma Protein A Production in Human Adult Cardiac Progenitor Cells. BioMed Research International, 2013, 2013, 1-8. | 0.9 | 15 |
| 24 | From Ontogenesis to Regeneration. Progress in Molecular Biology and Translational Science, 2012, 111, 109-137. | 0.9 | 22 |
| 25 | Isolation and Expansion of Adult Cardiac Stem/Progenitor Cells in the Form of Cardiospheres from Human Cardiac Biopsies and Murine Hearts. Methods in Molecular Biology, 2012, 879, 327-338. | 0.4 | 57 |
| 26 | TGFÎ²-Dependent Epithelial-to-Mesenchymal Transition Is Required to Generate Cardiospheres from Human Adult Heart Biopsies. Stem Cells and Development, 2012, 21, 3081-3090. | 1.1 | 34 |
| 27 | Cardiac tissue engineering using tissue printing technology and human cardiac progenitor cells. Biomaterials, 2012, 33, 1782-1790. | 5.7 | 347 |
| 28 | Bone marrowâ€derived cells can acquire cardiac stem cells properties in damaged heart. Journal of Cellular and Molecular Medicine, 2011, 15, 63-71. | 1.6 | 26 |
| 29 | Human cardiosphere-seeded gelatin and collagen scaffolds as cardiogenic engineered bioconstructs. Biomaterials, 2011, 32, 9271-9281. | 5.7 | 59 |
| 30 | Cardiac Cell Therapy: The Next (Re)Generation. Stem Cell Reviews and Reports, 2011, 7, 1018-1030. | 5.6 | 28 |
| 31 | Ferritin as a reporter gene for in vivo tracking of stem cells by 1.5-T cardiac MRI in a rat model of myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2238-H2250. | 1.5 | 71 |
| 32 | Isolation and Expansion of Cardiosphereâ€Derived Stem Cells. Current Protocols in Stem Cell Biology, 2011, 16, 2C.3.1. | 3.0 | 12 |
| 33 | Cardiosphere-Derived Cells Improve Function in the Infarcted Rat Heart for at Least 16 Weeks â€“ an MRI Study. PLoS ONE, 2011, 6, e25669. | 1.1 | 70 |
| 34 | Evidence for the Existence of Resident Cardiac Stem Cells. , 2011, , 131-147. | | 0 |
| 35 | Caffeine-induced Ca2+ signaling as an index of cardiac progenitor cells differentiation. Basic Research in Cardiology, 2010, 105, 737-749. | 2.5 | 20 |
| 36 | Cardiospheres and tissue engineering for myocardial regeneration: potential for clinical application. Journal of Cellular and Molecular Medicine, 2010, 14, no-no. | 1.6 | 30 |

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|---|---|---|---|
| 37 | Relative Roles of Direct Regeneration Versus Paracrine Effects of Human Cardiosphere-Derived Cells Transplanted Into Infarcted Mice. Circulation Research, 2010, 106, 971-980. | 2.0 | 609 |
| 38 | c-kit cardiac progenitor cells: What is their potential?. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E78; author reply E79. | 3.3 | 8 |
| 39 | Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. Cardiovascular Research, 2009, 82, 411-420. | 1.8 | 104 |
| 40 | New Perspectives to Repair a Broken Heart. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2009, 7, 91-107. | 0.4 | 26 |
| 41 | Stem cells in the heart: What's the buzz all about? Part 2: Arrhythmic risks and clinical studies. Heart Rhythm, 2008, 5, 880-887. | 0.3 | 49 |
| 42 | Stem cells in the heart: What's the buzz all about?â€"Part 1: Preclinical considerations. Heart Rhythm, 2008, 5, 749-757. | 0.3 | 44 |
| 43 | Ion Cyclotron Resonance as a Tool in Regenerative Medicine. Electromagnetic Biology and Medicine, 2008, 27, 127-133. | 0.7 | 34 |
| 44 | Cardiac stem cells: isolation, expansion and experimental use for myocardial regeneration. Nature Clinical Practice Cardiovascular Medicine, 2007, 4, S9-S14. | 3.3 | 94 |
| 45 | Regenerative Potential of Cardiosphere-Derived Cells Expanded From Percutaneous Endomyocardial Biopsy Specimens. Circulation, 2007, 115, 896-908. | 1.6 | 1,074 |
| 46 | Endogenous Cardiac Stem Cells. Progress in Cardiovascular Diseases, 2007, 50, 31-48. | 1.6 | 229 |
| 47 | Endogenous Cardiac Stem Cells. , 2007, , 83-100. | | 1 |
| 48 | Abstract 696: Cardiosphere-derived Cells Engraft Long-term in Infarcted Mice and Preserve Left Ventricular Function. Circulation, 2007, 116, . | 1.6 | 2 |
| 49 | Diabetic Cardiomyopathy. Circulation Research, 2006, 99, 1-2. | 2.0 | 23 |
| 50 | Guanine nucleotide depletion induces differentiation and aberrant neurite outgrowth in human dopaminergic neuroblastoma lines: a model for basal ganglia dysfunction in Leschâ€"Nyhan disease. Neuroscience Letters, 2005, 375, 97-100. | 1.0 | 26 |
| 51 | Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. Circulation Research, 2004, 95, 911-921. | 2.0 | 1,374 |
| 52 | Guanine nucleotide depletion triggers cell cycle arrest and apoptosis in human neuroblastoma cell lines. International Journal of Cancer, 2004, 108, 812-817. | 2.3 | 34 |
| 53 | Low levels of mycophenolic acid induce differentiation of human neuroblastoma cell lines. International Journal of Cancer, 2004, 112, 352-354. | 2.3 | 8 |
| 54 | Potential Role of Mycophenolate Mofetil in the Management of Neuroblastoma Patients. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 1545-1549. | 0.4 | 9 |

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|---|---|---|---|
| 55 | Cyclic Nucleotides and Neuroblastoma Differentiation. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 1551-1554. | 0.4 | 4 |
| 56 | Different pattern of matrix metalloproteinases expression in alveolar versus embryonal rhabdomyosarcoma. Journal of Pediatric Surgery, 2004, 39, 1673-1679. | 0.8 | 16 |
| 57 | Surfactant Protein A-Producing Cells in Human Fetal Lung Are Good Targets for Recombinant Adenovirus-Mediated Gene Transfer. Pediatric Research, 1996, 40, 142-147. | 1.1 | 1 |
| 58 | A spectrophotometric method for the determination of 5-phosphoribosyl-1-pyrophosphate. Experientia, 1979, 35, 1016-1017. | 1.2 | 5 |
| 59 | A spectrophotometric assay for phosphoribosylpyrophosphate synthetase. Analytical Biochemistry, 1978, 89, 355-359. | 1.1 | 8 |