

Marta Roccio

List of Publications by Year in descending order

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27
papers

3,171
citations

471509

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docs citations

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times ranked

5159
citing authors

#	ARTICLE	IF	CITATIONS
1	Hair Cell Generation in Cochlear Culture Models Mediated by Novel $\hat{1}^3$ -Secretase Inhibitors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 710159.	3.7	10
2	Directed differentiation and direct reprogramming: Applying stem cell technologies to hearing research. <i>Stem Cells</i> , 2021, 39, 375-388.	3.2	15
3	Novel insights into inner ear development and regeneration for targeted hearing loss therapies. <i>Hearing Research</i> , 2020, 397, 107859.	2.0	48
4	Redox activation of excitatory pathways in auditory neurons as mechanism of age-related hearing loss. <i>Redox Biology</i> , 2020, 30, 101434.	9.0	40
5	Synthetic 3D PEG-Anisogel Tailored with Fibronectin Fragments Induce Aligned Nerve Extension. <i>Biomacromolecules</i> , 2019, 20, 4075-4087.	5.4	38
6	Optimizing Synthetic miRNA Minigene Architecture for Efficient miRNA Hairpin Concatenation and Multi-target Gene Knockdown. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 351-363.	5.1	11
7	Anti-inflammatory and Oto-Protective Effect of the Small Heat Shock Protein Alpha B-Crystallin (HspB5) in Experimental Pneumococcal Meningitis. <i>Frontiers in Neurology</i> , 2019, 10, 570.	2.4	13
8	Inner ear organoids: new tools to understand neurosensory cell development, degeneration and regeneration. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	50
9	Molecular characterization and prospective isolation of human fetal cochlear hair cell progenitors. <i>Nature Communications</i> , 2018, 9, 4027.	12.8	70
10	<i>Streptococcus pneumoniae</i> -induced ototoxicity in organ of Corti explant cultures. <i>Hearing Research</i> , 2017, 350, 100-109.	2.0	15
11	NANOClâ€™ Nanotechnology Based Cochlear Implant With Gapless Interface to Auditory Neurons. <i>Otology and Neurotology</i> , 2017, 38, e224-e231.	1.3	38
12	Generation of Otic Sensory Neurons from Mouse Embryonic Stem Cells in 3D Culture. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 409.	3.7	32
13	Conductive hybrid carbon nanotube (CNT)â€™ polythiophene coatings for innovative auditory neuron-multi-electrode array interfacing. <i>RSC Advances</i> , 2016, 6, 41714-41723.	3.6	13
14	The Severity of Infection Determines the Localization of Damage and Extent of Sensorineural Hearing Loss in Experimental Pneumococcal Meningitis. <i>Journal of Neuroscience</i> , 2016, 36, 7740-7749.	3.6	43
15	Spiral Ganglion Neuron Explant Culture and Electrophysiology on Multi Electrode Arrays. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	4
16	Response profiles of murine spiral ganglion neurons on multi-electrode arrays. <i>Journal of Neural Engineering</i> , 2016, 13, 016011.	3.5	15
17	Fine control of drug delivery for cochlear implant applications. <i>Hearing, Balance and Communication</i> , 2015, 13, 153-159.	0.4	11
18	MeV ion beam lithography of biocompatible halogenated Parylenes using aperture masks. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 354, 34-36.	1.4	3

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19	Metabolic control of adult neural stem cell activity by Fasn-dependent lipogenesis. <i>Nature</i> , 2013, 493, 226-230.	27.8	448
20	Predicting stem cell fate changes by differential cell cycle progression patterns. <i>Development (Cambridge)</i> , 2013, 140, 459-470.	2.5	128
21	High-throughput clonal analysis of neural stem cells in microarrayed artificial niches. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 391.	1.3	29
22	Sorting Live Stem Cells Based on Sox2 mRNA Expression. <i>PLoS ONE</i> , 2012, 7, e49874.	2.5	24
23	Artificial niche microarrays for probing single stem cell fate in high throughput. <i>Nature Methods</i> , 2011, 8, 949-955.	19.0	376
24	Foetal and adult cardiomyocyte progenitor cells have different developmental potential. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 861-870.	3.6	29
25	Amino acids mediate mTOR/raptor signaling through activation of class 3 phosphatidylinositol 3OH-kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14238-14243.	7.1	666
26	Insulin Activation of Rheb, a Mediator of mTOR/S6K/4E-BP Signaling, Is Inhibited by TSC1 and 2. <i>Molecular Cell</i> , 2003, 11, 1457-1466.	9.7	942
27	Oxidative Stress Decreases G Protein-Coupled Receptor Kinase 2 in Lymphocytes via a Calpain-Dependent Mechanism. <i>Molecular Pharmacology</i> , 2002, 62, 379-388.	2.3	60