

Giulia Gastaldi

List of Publications by Year in descending order

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22
papers

853
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable Scaffolds for Bone Regeneration Combined with Drug-Delivery Systems in Osteomyelitis Therapy. <i>Pharmaceuticals</i> , 2017, 10, 96.	3.8	120
2	Aquaporin-10 Represents an Alternative Pathway for Glycerol Efflux from Human Adipocytes. <i>PLoS ONE</i> , 2013, 8, e54474.	2.5	86
3	Expression and immunolocalization of aquaporin-7 in rat gastrointestinal tract. <i>Biology of the Cell</i> , 2005, 97, 605-613.	2.0	62
4	Human adipose-derived stem cells (hASCs) proliferate and differentiate in osteoblast-like cells on trabecular titanium scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 790-799.	4.0	58
5	Mammalian aquaglyceroporin function in metabolism. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1-11.	2.6	54
6	Aquaporin-Mediated Water and Hydrogen Peroxide Transport Is Involved in Normal Human Spermatozoa Functioning. <i>International Journal of Molecular Sciences</i> , 2017, 18, 66.	4.1	54
7	Aquaporin-8 Is Involved in Water Transport in Isolated Superficial Colonocytes from Rat Proximal Colon. <i>Journal of Nutrition</i> , 2005, 135, 2329-2336.	2.9	45
8	Solute transporters and aquaporins are impaired in celiac disease. <i>Biology of the Cell</i> , 2010, 102, 457-467.	2.0	43
9	Transport of thiamin in rat renal brush border membrane vesicles. <i>Kidney International</i> , 2000, 57, 2043-2054.	5.2	35
10	Trabecular titanium can induce <i>in vitro</i> osteogenic differentiation of human adipose derived stem cells without osteogenic factors. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2061-2071.	4.0	34
11	Pulsed Electromagnetic Fields in Bone Healing: Molecular Pathways and Clinical Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7403.	4.1	33
12	Regulation of Aquaporin Functional Properties Mediated by the Antioxidant Effects of Natural Compounds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2665.	4.1	32
13	Stem Cells Grown in Osteogenic Medium on PLGA, PLGA/HA, and Titanium Scaffolds for Surgical Applications. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-12.	4.1	29
14	hASC and DFAT, Multipotent Stem Cells for Regenerative Medicine: A Comparison of Their Potential Differentiation In Vitro. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2699.	4.1	29
15	Osmotic water permeability of rat intestinal brush border membrane vesicles: involvement of aquaporin-7 and aquaporin-8 and effect of metal ions. <i>Biochemistry and Cell Biology</i> , 2007, 85, 675-684.	2.0	27
16	Riboflavin Phosphorylation Is the Crucial Event in Riboflavin Transport by Isolated Rat Enterocytes. <i>Journal of Nutrition</i> , 2000, 130, 2556-2561.	2.9	26
17	HPV Infection Affects Human Sperm Functionality by Inhibition of Aquaporin-8. <i>Cells</i> , 2020, 9, 1241.	4.1	21
18	Improved cell growth by Bio-Oss/PLA scaffolds for use as a bone substitute. <i>Technology and Health Care</i> , 2009, 16, 401-413.	1.2	17

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19	Energy Depletion Differently Affects Membrane Transport and Intracellular Metabolism of Riboflavin Taken up by Isolated Rat Enterocytes. <i>Journal of Nutrition</i> , 1999, 129, 406-409.	2.9	14
20	Molecular characteristics of small intestinal and renal brush border thiamin transporters in rats. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1558, 187-197.	2.6	13
21	Osteogenic potential of human adipose derived stem cells (hASCs) seeded on titanium trabecular spinal cages. <i>Scientific Reports</i> , 2020, 10, 18284.	3.3	11
22	Sigma-1 Receptor Agonists Acting on Aquaporin-Mediated H ₂ O ₂ Permeability: New Tools for Counteracting Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9790.	4.1	10