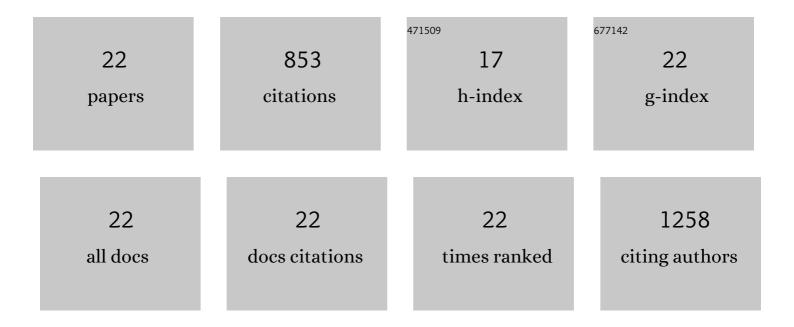
## Giulia Gastaldi

List of Publications by Year in descending order

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CILILIA CASTALDI

#	Article	IF	CITATIONS
1	Biodegradable Scaffolds for Bone Regeneration Combined with Drug-Delivery Systems in Osteomyelitis Therapy. Pharmaceuticals, 2017, 10, 96.	3.8	120
2	Aquaporin-10 Represents an Alternative Pathway for Glycerol Efflux from Human Adipocytes. PLoS ONE, 2013, 8, e54474.	2.5	86
3	Expression and immunolocalization of aquaporin-7 in rat gastrointestinal tract. Biology of the Cell, 2005, 97, 605-613.	2.0	62
4	Human adiposeâ€derived stem cells (hASCs) proliferate and differentiate in osteoblastâ€like cells on trabecular titanium scaffolds. Journal of Biomedical Materials Research - Part A, 2010, 94A, 790-799.	4.0	58
5	Mammalian aquaglyceroporin function in metabolism. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1-11.	2.6	54
6	Aquaporin-Mediated Water and Hydrogen Peroxide Transport Is Involved in Normal Human Spermatozoa Functioning. International Journal of Molecular Sciences, 2017, 18, 66.	4.1	54
7	Aquaporin-8 Is Involved in Water Transport in Isolated Superficial Colonocytes from Rat Proximal Colon. Journal of Nutrition, 2005, 135, 2329-2336.	2.9	45
8	Solute transporters and aquaporins are impaired in celiac disease. Biology of the Cell, 2010, 102, 457-467.	2.0	43
9	Transport of thiamin in rat renal brush border membrane vesicles. Kidney International, 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. Journal of Biomedical Materials Research - Part A, 2014, 102, 2061-2071.	4.0	34
11	Pulsed Electromagnetic Fields in Bone Healing: Molecular Pathways and Clinical Applications. International Journal of Molecular Sciences, 2021, 22, 7403.	4.1	33
12	Regulation of Aquaporin Functional Properties Mediated by the Antioxidant Effects of Natural Compounds. International Journal of Molecular Sciences, 2017, 18, 2665.	4.1	32
13	Stem Cells Grown in Osteogenic Medium on PLGA, PLGA/HA, and Titanium Scaffolds for Surgical Applications. Bioinorganic Chemistry and Applications, 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. International Journal of Molecular Sciences, 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. Biochemistry and Cell Biology, 2007, 85, 675-684.	2.0	27
16	Riboflavin Phosphorylation Is the Crucial Event in Riboflavin Transport by Isolated Rat Enterocytes. Journal of Nutrition, 2000, 130, 2556-2561.	2.9	26
17	HPV Infection Affects Human Sperm Functionality by Inhibition of Aquaporin-8. Cells, 2020, 9, 1241.	4.1	21
18	Improved cell growth by Bio-Oss/PLA scaffolds for use as a bone substitute. Technology and Health Care. 2009. 16. 401-413.	1.2	17

GIULIA GASTALDI

#	Article	IF	CITATIONS
19	Energy Depletion Differently Affects Membrane Transport and Intracellular Metabolism of Riboflavin Taken up by Isolated Rat Enterocytes. Journal of Nutrition, 1999, 129, 406-409.	2.9	14
20	Molecular characteristics of small intestinal and renal brush border thiamin transporters in rats. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1558, 187-197.	2.6	13
21	Osteogenic potential of human adipose derived stem cells (hASCs) seeded on titanium trabecular spinal cages. Scientific Reports, 2020, 10, 18284.	3.3	11
22	Sigma-1 Receptor Agonists Acting on Aquaporin-Mediated H2O2 Permeability: New Tools for Counteracting Oxidative Stress. International Journal of Molecular Sciences, 2021, 22, 9790.	4.1	10