

# Gabriel G Martins

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37  
papers

1,339  
citations

18  
h-index

36  
g-index

44  
ext. papers

1,601  
ext. citations

6.4  
avg, IF

4.24  
L-index

#	Paper	IF	Citations
37	Sympathetic neuro-adipose connections mediate leptin-driven lipolysis. <i>Cell</i> , <b>2015</b> , 163, 84-94	56.2	243
36	In vitro and in vivo evaluation of electrospun nanofibers of PCL, chitosan and gelatin: a comparative study. <i>Materials Science and Engineering C</i> , <b>2015</b> , 46, 348-58	8.3	155
35	Evaluation of nanofibrous scaffolds obtained from blends of chitosan, gelatin and polycaprolactone for skin tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 1174-1185	7.9	96
34	OpenSpinMicroscopy: an open-source integrated microscopy platform. <i>Nature Methods</i> , <b>2013</b> , 10, 599-600	11.6	90
33	Integrative nuclear FGFR1 signaling (INFS) pathway mediates activation of the tyrosine hydroxylase gene by angiotensin II, depolarization and protein kinase C. <i>Journal of Neurochemistry</i> , <b>2002</b> , 81, 506-24	6	76
32	Nuclear trafficking of FGFR1: a role for the transmembrane domain. <i>Journal of Cellular Biochemistry</i> , <b>2003</b> , 88, 1273-91	4.7	67
31	In vitro evaluation of crosslinked electrospun fish gelatin scaffolds. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 1219-27	8.3	61
30	Bringing dicynodonts back to life: paleobiology and anatomy of a new emydopoid genus from the Upper Permian of Mozambique. <i>PLoS ONE</i> , <b>2013</b> , 8, e80974	3.7	58
29	Dynamic 3D cell rearrangements guided by a fibronectin matrix underlie somitogenesis. <i>PLoS ONE</i> , <b>2009</b> , 4, e7429	3.7	52
28	Integrin alpha6beta1-laminin interactions regulate early myotome formation in the mouse embryo. <i>Development (Cambridge)</i> , <b>2006</b> , 133, 1635-44	6.6	49
27	Fibronectin promotes migration, alignment and fusion in an in vitro myoblast cell model. <i>Cell and Tissue Research</i> , <b>2012</b> , 348, 569-78	4.2	43
26	Endothelial cell protrusion and migration in three-dimensional collagen matrices. <i>Cytoskeleton</i> , <b>2006</b> , 63, 101-15		43
25	Pyrazolyl-diamine ligands that bear anthracenyl moieties and their rhenium(I) tricarbonyl complexes: synthesis, characterisation and DNA-binding properties. <i>ChemBioChem</i> , <b>2008</b> , 9, 131-42	3.8	37
24	Deciphering the molecular mechanisms underlying sea urchin reversible adhesion: A quantitative proteomics approach. <i>Journal of Proteomics</i> , <b>2016</b> , 138, 61-71	3.9	33
23	Floccular fossa size is not a reliable proxy of ecology and behaviour in vertebrates. <i>Scientific Reports</i> , <b>2017</b> , 7, 2005	4.9	32
22	Three-dimensional imaging flow cytometry through light-sheet fluorescence microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2017</b> , 91, 144-151	4.6	26
21	Usefulness of zebrafish larvae to evaluate drug-induced functional and morphological renal tubular alterations. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 411-423	5.8	22

20	A thyroid hormone regulated asymmetric responsive centre is correlated with eye migration during flatfish metamorphosis. <i>Scientific Reports</i> , <b>2018</b> , 8, 12267	4.9	18
19	Extracellular matrix remodeling accompanies axial muscle development and morphogenesis in the mouse. <i>Developmental Dynamics</i> , <b>2012</b> , 241, 350-64	2.9	18
18	A Tgfb $\beta$ 1/Snai1-dependent developmental module at the core of vertebrate axial elongation. <i>ELife</i> , <b>2020</b> , 9,	8.9	16
17	REMBI: Recommended Metadata for Biological Images-enabling reuse of microscopy data in biology. <i>Nature Methods</i> , <b>2021</b> , 18, 1418-1422	21.6	16
16	Cells Are Added to the Archenteron during and Following Secondary Invagination in the Sea Urchin <i>Lytechinus variegatus</i> . <i>Developmental Biology</i> , <b>1998</b> , 198, 330-342	3.1	15
15	Hydrogen peroxide regulates cell adhesion through the redox sensor RPSA. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 90, 145-57	7.8	12
14	QUAREP-LiMi: A community-driven initiative to establish guidelines for quality assessment and reproducibility for instruments and images in light microscopy. <i>Journal of Microscopy</i> , <b>2021</b> , 284, 56-73	1.9	11
13	Going "open" with mesoscopy: a new dimension on multi-view imaging. <i>Protoplasma</i> , <b>2014</b> , 251, 363-72	3.4	10
12	A role for microtubules in endothelial cell protrusion in three-dimensional matrices. <i>Biology of the Cell</i> , <b>2012</b> , 104, 271-86	3.5	9
11	N-cadherin locks left-right asymmetry by ending the leftward movement of Hensen's node cells. <i>Developmental Cell</i> , <b>2014</b> , 30, 353-60	10.2	8
10	<i>Helicobacter pullorum</i> induces nitric oxide release in murine macrophages that promotes phagocytosis and killing. <i>Microbiology (United Kingdom)</i> , <b>2016</b> , 162, 503-512	2.9	6
9	Hydrogen peroxide regulates angiogenesis-related factors in tumor cells. <i>Biochemistry and Cell Biology</i> , <b>2017</b> , 95, 679-685	3.6	5
8	Proteomic dataset of the sea urchin <i>Paracentrotus lividus</i> adhesive organs and secreted adhesive. <i>Data in Brief</i> , <b>2016</b> , 7, 1497-505	1.2	3
7	Highlights from the 2016-2020 NEUBIAS training schools for Bioimage Analysts: a success story and key asset for analysts and life scientists. <i>F1000Research</i> , <b>2021</b> , 10, 334	3.6	3
6	Optical micro-tomography "OPeT" allows the study of large toadfish <i>Halobatrachus didactylus</i> embryos and larvae. <i>Mechanisms of Development</i> , <b>2016</b> , 140, 19-24	1.7	3
5	The preparation of stereoscopic 3D illustrations of confocal data sets for publications and slides. <i>Methods in Molecular Biology</i> , <b>1999</b> , 122, 385-401	1.4	2
4	The quail anatomy portal. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2014</b> , 2014, bau028	0	0
3	Super-resolution in light microscopy. <i>Ultrastructural Pathology</i> , <b>2017</b> , 41, 117-117	1.3	0

- 2 Cells are added to the archenteron during and following secondary invagination in the sea urchin *Lytechinus variegatus*. *Developmental Biology*, **1998**, 198, 330-342 3.1
- 1 A Bird's Eye View on the Origin of Aortic Hemogenic Endothelial Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 605274 5.7