Gabriel G Martins

List of Publications by Year in Descending Order

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	Highlights from the 2016-2020 NEUBIAS training schools for Bioimage Analysts: a success story and key asset for analysts and life scientists. *F1000Research*, **2021**, 10, 334	3.6	3
36	REMBI: Recommended Metadata for Biological Images-enabling reuse of microscopy data in biology. *Nature Methods*, **2021**, 18, 1418-1422	21.6	16
35	QUAREP-LiMi: A community-driven initiative to establish guidelines for quality assessment and reproducibility for instruments and images in light microscopy. *Journal of Microscopy*, **2021**, 284, 56-73	1.9	11
34	A Tgfbr1/Snai1-dependent developmental module at the core of vertebrate axial elongation. *ELife*, **2020**, 9,	8.9	16
33	A Bird's Eye View on the Origin of Aortic Hemogenic Endothelial Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 605274	5.7	
32	Usefulness of zebrafish larvae to evaluate drug-induced functional and morphological renal tubular alterations. *Archives of Toxicology*, **2018**, 92, 411-423	5.8	22
31	A thyroid hormone regulated asymmetric responsive centre is correlated with eye migration during flatfish metamorphosis. *Scientific Reports*, **2018**, 8, 12267	4.9	18
30	Three-dimensional imaging flow cytometry through light-sheet fluorescence microscopy. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2017**, 91, 144-151	4.6	26
29	Super-resolution in light microscopy. *Ultrastructural Pathology*, **2017**, 41, 117-117	1.3	
28	Evaluation of nanofibrous scaffolds obtained from blends of chitosan, gelatin and polycaprolactone for skin tissue engineering. *International Journal of Biological Macromolecules*, **2017**, 102, 1174-1185	7.9	96
27	Hydrogen peroxide regulates angiogenesis-related factors in tumor cells. *Biochemistry and Cell Biology*, **2017**, 95, 679-685	3.6	5
26	Floccular fossa size is not a reliable proxy of ecology and behaviour in vertebrates. *Scientific Reports* , **2017**, 7, 2005	4.9	32
25	Proteomic dataset of the sea urchin Paracentrotus lividus adhesive organs and secreted adhesive. *Data in Brief*, **2016**, 7, 1497-505	1.2	3
24	Deciphering the molecular mechanisms underlying sea urchin reversible adhesion: A quantitative proteomics approach. *Journal of Proteomics*, **2016**, 138, 61-71	3.9	33
23	Hydrogen peroxide regulates cell adhesion through the redox sensor RPSA. *Free Radical Biology and Medicine*, **2016**, 90, 145-57	7.8	12
22	Helicobacter pullorum induces nitric oxide release in murine macrophages that promotes phagocytosis and killing. *Microbiology (United Kingdom)*, **2016**, 162, 503-512	2.9	6
21	Optical micro-tomography "OPenT" allows the study of large toadfish Halobatrachus didactylus embryos and larvae. *Mechanisms of Development*, **2016**, 140, 19-24	1.7	3

20	Sympathetic neuro-adipose connections mediate leptin-driven lipolysis. *Cell*, **2015**, 163, 84-94	56.2	243
19	In vitro and in vivo evaluation of electrospun nanofibers of PCL, chitosan and gelatin: a comparative study. *Materials Science and Engineering C*, **2015**, 46, 348-58	8.3	155
18	Going "open" with mesoscopy: a new dimension on multi-view imaging. *Protoplasma*, **2014**, 251, 363-72	3.4	10
17	N-cadherin locks left-right asymmetry by ending the leftward movement of Hensen's node cells. *Developmental Cell*, **2014**, 30, 353-60	10.2	8
16	The quail anatomy portal. *Database: the Journal of Biological Databases and Curation*, **2014**, 2014, bau028	5	0
15	OpenSpinMicroscopy: an open-source integrated microscopy platform. *Nature Methods*, **2013**, 10, 599-600	21.6	90
14	In vitro evaluation of crosslinked electrospun fish gelatin scaffolds. *Materials Science and Engineering C*, **2013**, 33, 1219-27	8.3	61
13	Bringing dicynodonts back to life: paleobiology and anatomy of a new emydopoid genus from the Upper Permian of Mozambique. *PLoS ONE*, **2013**, 8, e80974	3.7	58
12	A role for microtubules in endothelial cell protrusion in three-dimensional matrices. *Biology of the Cell*, **2012**, 104, 271-86	3.5	9
11	Extracellular matrix remodeling accompanies axial muscle development and morphogenesis in the mouse. *Developmental Dynamics*, **2012**, 241, 350-64	2.9	18
10	Fibronectin promotes migration, alignment and fusion in an in vitro myoblast cell model. *Cell and Tissue Research*, **2012**, 348, 569-78	4.2	43
9	Dynamic 3D cell rearrangements guided by a fibronectin matrix underlie somitogenesis. *PLoS ONE*, **2009**, 4, e7429	3.7	52
8	Pyrazolyl-diamine ligands that bear anthracenyl moieties and their rhenium(I) tricarbonyl complexes: synthesis, characterisation and DNA-binding properties. *ChemBioChem*, **2008**, 9, 131-42	3.8	37
7	Endothelial cell protrusion and migration in three-dimensional collagen matrices. *Cytoskeleton*, **2006**, 63, 101-15		43
6	Integrin alpha6beta1-laminin interactions regulate early myotome formation in the mouse embryo. *Development (Cambridge)*, **2006**, 133, 1635-44	6.6	49
5	Nuclear trafficking of FGFR1: a role for the transmembrane domain. *Journal of Cellular Biochemistry* , **2003**, 88, 1273-91	4.7	67
4	Integrative nuclear FGFR1 signaling (INFS) pathway mediates activation of the tyrosine hydroxylase gene by angiotensin II, depolarization and protein kinase C. *Journal of Neurochemistry*, **2002**, 81, 506-24	6	76
3	The preparation of stereoscopic 3D illustrations of confocal data sets for publications and slides. *Methods in Molecular Biology*, **1999**, 122, 385-401	1.4	2

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	Cells Are Added to the Archenteron during and Following Secondary Invagination in the Sea UrchinLytechinus variegatus. *Developmental Biology*, **1998**, 198, 330-342	3.1	15