

# Gabriel G Martins

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,848  
citations

331259

21  
h-index

360668

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

3499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sympathetic Neuro-adipose Connections Mediate Leptin-Driven Lipolysis. <i>Cell</i> , 2015, 163, 84-94.	13.5	363
2	In vitro and in vivo evaluation of electrospun nanofibers of PCL, chitosan and gelatin: A comparative study. <i>Materials Science and Engineering C</i> , 2015, 46, 348-358.	3.8	210
3	Evaluation of nanofibrous scaffolds obtained from blends of chitosan, gelatin and polycaprolactone for skin tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 1174-1185.	3.6	134
4	OpenSpinMicroscopy: an open-source integrated microscopy platform. <i>Nature Methods</i> , 2013, 10, 599-600.	9.0	111
5	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> , 2002, 81, 506-524.	2.1	86
6	Bringing Dicynodonts Back to Life: Paleobiology and Anatomy of a New Emydopoid Genus from the Upper Permian of Mozambique. <i>PLoS ONE</i> , 2013, 8, e80974.	1.1	78
7	In vitro evaluation of crosslinked electrospun fish gelatin scaffolds. <i>Materials Science and Engineering C</i> , 2013, 33, 1219-1227.	3.8	77
8	Nuclear trafficking of FGFR1: A role for the transmembrane domain. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 1273-1291.	1.2	72
9	Fibronectin promotes migration, alignment and fusion in an in vitro myoblast cell model. <i>Cell and Tissue Research</i> , 2012, 348, 569-578.	1.5	63
10	REMBI: Recommended Metadata for Biological Images enabling reuse of microscopy data in biology. <i>Nature Methods</i> , 2021, 18, 1418-1422.	9.0	63
11	Dynamic 3D Cell Rearrangements Guided by a Fibronectin Matrix Underlie Somiteogenesis. <i>PLoS ONE</i> , 2009, 4, e7429.	1.1	62
12	Integrin $\alpha 6 \beta 1$ -laminin interactions regulate early myotome formation in the mouse embryo. <i>Development (Cambridge)</i> , 2006, 133, 1635-1644.	1.2	52
13	Floccular fossa size is not a reliable proxy of ecology and behaviour in vertebrates. <i>Scientific Reports</i> , 2017, 7, 2005.	1.6	49
14	Endothelial cell protrusion and migration in three-dimensional collagen matrices. <i>Cytoskeleton</i> , 2006, 63, 101-115.	4.4	46
15	Pyrazolyl Diamine Ligands That Bear Anthracenyl Moieties and Their Rhenium(I) Tricarbonyl Complexes: Synthesis, Characterisation and DNA Binding Properties. <i>ChemBioChem</i> , 2008, 9, 131-142.	1.3	42
16	Three-dimensional imaging flow cytometry through light sheet fluorescence microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 144-151.	1.1	39
17	Usefulness of zebrafish larvae to evaluate drug-induced functional and morphological renal tubular alterations. <i>Archives of Toxicology</i> , 2018, 92, 411-423.	1.9	39
18	Deciphering the molecular mechanisms underlying sea urchin reversible adhesion: A quantitative proteomics approach. <i>Journal of Proteomics</i> , 2016, 138, 61-71.	1.2	35

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19	A Tgfb $\beta$ 1/Snai1-dependent developmental module at the core of vertebrate axial elongation. <i>ELife</i> , 2020, 9, .	2.8	34
20	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> , 2021, 284, 56-73.	0.8	33
21	A thyroid hormone regulated asymmetric responsive centre is correlated with eye migration during flatfish metamorphosis. <i>Scientific Reports</i> , 2018, 8, 12267.	1.6	28
22	Extracellular matrix remodeling accompanies axial muscle development and morphogenesis in the mouse. <i>Developmental Dynamics</i> , 2012, 241, 350-364.	0.8	20
23	Hydrogen peroxide regulates cell adhesion through the redox sensor RPSA. <i>Free Radical Biology and Medicine</i> , 2016, 90, 145-157.	1.3	15
24	Cells Are Added to the Archenteron during and Following Secondary Invagination in the Sea Urchin <i>Lytechinus variegatus</i> . <i>Developmental Biology</i> , 1998, 198, 330-342.	0.9	15
25	Going "open" with Mesoscopy: a new dimension on multi-view imaging. <i>Protoplasma</i> , 2014, 251, 363-372.	1.0	12
26	A role for microtubules in endothelial cell protrusion in three&dimensional matrices. <i>Biology of the Cell</i> , 2012, 104, 271-286.	0.7	11
27	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> , 2021, 10, 334.	0.8	10
28	<i>Helicobacter pullorum</i> induces nitric oxide release in murine macrophages that promotes phagocytosis and killing. <i>Microbiology (United Kingdom)</i> , 2016, 162, 503-512.	0.7	10
29	N-Cadherin Locks Left-Right Asymmetry by Ending the Leftward Movement of Hensen&TM's Node Cells. <i>Developmental Cell</i> , 2014, 30, 353-360.	3.1	8
30	Optical micro-tomography &OpenT& allows the study of large toadfish <i>Halobatrachus didactylus</i> embryos and larvae. <i>Mechanisms of Development</i> , 2016, 140, 19-24.	1.7	8
31	Hydrogen peroxide regulates angiogenesis-related factors in tumor cells. <i>Biochemistry and Cell Biology</i> , 2017, 95, 679-685.	0.9	8
32	Cells are added to the archenteron during and following secondary invagination in the sea urchin <i>Lytechinus variegatus</i> . <i>Developmental Biology</i> , 1998, 198, 330-342.	0.9	5
33	Proteomic dataset of the sea urchin <i>Paracentrotus lividus</i> adhesive organs and secreted adhesive. <i>Data in Brief</i> , 2016, 7, 1497-1505.	0.5	3
34	The Preparation of Stereoscopic 3D Illustrations of Confocal Data Sets for Publications and Slides. , 1999, 122, 385-402.		2
35	Optical projection tomography. , 0, , .		2
36	The quail anatomy portal. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau028-bau028.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Three and Four-Dimensional Visualization and Analysis Approaches to Study Vertebrate Axial Elongation and Segmentation. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
38	03-P131 Dynamic 3D cell rearrangements guided by a fibronectin matrix underlie somitogenesis. <i>Mechanisms of Development</i> , 2009, 126, S105-S106.	1.7	0
39	P14. Extracellular matrix deposition and function in the early chick embryo. <i>Differentiation</i> , 2010, 80, S22.	1.0	0
40	Super-resolution in light microscopy. <i>Ultrastructural Pathology</i> , 2017, 41, 117-117.	0.4	0
41	A Bird's Eye View on the Origin of Aortic Hemogenic Endothelial Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 605274.	1.8	0