

# Chiara Garrovo

## List of Publications by Year in Descending Order

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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.

24 papers	659 citations	16 h-index	24 g-index
24 ext. papers	731 ext. citations	4.5 avg, IF	2.89 L-index

#	Paper	IF	Citations
24	Cubosomes for in vivo fluorescence lifetime imaging. <i>Nanotechnology</i> , <b>2017</b> , 28, 055102	3.4	32
23	Meniscal Ossicles as micro-CT Imaging Biomarker in a Rodent Model of Antigen-Induced Arthritis: a Synchrotron-Based X-ray Pilot Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 7544	4.9	4
22	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1093	8.4	13
21	The one-step synthesis and surface functionalization of dumbbell-like gold-iron oxide nanoparticles: a chitosan-based nanotheranostic system. <i>Chemical Communications</i> , <b>2016</b> , 52, 378-81	5.8	24
20	Multimodal near-infrared-emitting PluS Silica nanoparticles with fluorescent, photoacoustic, and photothermal capabilities. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 4865-4874	7.3	18
19	Alterations in Trabecular Bone Architecture and Cartilages in Rats with Antigen-Induced Arthritis (AIA) Resulting from Synchrotron-Based X-Ray Imaging Analysis. <i>IFMBE Proceedings</i> , <b>2016</b> , 409-413	0.2	1
18	Functionalized synchrotron in-line phase-contrast computed tomography: a novel approach for simultaneous quantification of structural alterations and localization of barium-labelled alveolar macrophages within mouse lung samples. <i>Journal of Synchrotron Radiation</i> , <b>2015</b> , 22, 143-55	2.4	24
17	Bispecific antibodies targeting tumor-associated antigens and neutralizing complement regulators increase the efficacy of antibody-based immunotherapy in mice. <i>Leukemia</i> , <b>2015</b> , 29, 406-14	10.7	42
16	Quantification of structural alterations in lung disease—proposed analysis methodology of CT scans of preclinical mouse models and patients. <i>Biomedical Physics and Engineering Express</i> , <b>2015</b> , 1, 035201	1.5	1
15	Targeted tumor imaging of anti-CD20-polymeric nanoparticles developed for the diagnosis of B-cell malignancies. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 4099-109	7.3	21
14	Multiple dye-doped NIR-emitting silica nanoparticles for both flow cytometry and in vivo imaging. <i>RSC Advances</i> , <b>2014</b> , 4, 18278-18285	3.7	17
13	Quantitative evaluation of a single-distance phase-retrieval method applied on in-line phase-contrast images of a mouse lung. <i>Journal of Synchrotron Radiation</i> , <b>2014</b> , 21, 784-9	2.4	35
12	Intranasal administration of recombinant TRAIL down-regulates CXCL-1/KC in an ovalbumin-induced airway inflammation murine model. <i>PLoS ONE</i> , <b>2014</b> , 9, e115387	3.7	14
11	In vivo tracking of murine adipose tissue-derived multipotent adult stem cells and ex vivo cross-validation. <i>International Journal of Molecular Imaging</i> , <b>2013</b> , 2013, 426961		9
10	New potential therapeutic approach for the treatment of B-Cell malignancies using chlorambucil/hydroxychloroquine-loaded anti-CD20 nanoparticles. <i>PLoS ONE</i> , <b>2013</b> , 8, e74216	3.7	27
9	Dendritic polyglycerolsulfate near infrared fluorescent (NIRF) dye conjugate for non-invasively monitoring of inflammation in an allergic asthma mouse model. <i>PLoS ONE</i> , <b>2013</b> , 8, e57150	3.7	33
8	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2559-67		37

7	In vivo distribution of $\alpha$ glycoprotein I under various pathophysiologic conditions. <i>Blood</i> , <b>2011</b> , 118, 4231-8	2.2	89
6	Conjugated PDT drug: photosensitizing activity and tissue distribution of PEGylated pheophorbide a. <i>Cancer Biology and Therapy</i> , <b>2010</b> , 10, 471-82	4.6	24
5	Functionalized gold nanoparticles: a detailed in vivo multimodal microscopic brain distribution study. <i>Nanoscale</i> , <b>2010</b> , 2, 2826-34	7.7	96
4	The proline-rich peptide Bac7(1-35) reduces mortality from Salmonella typhimurium in a mouse model of infection. <i>BMC Microbiology</i> , <b>2010</b> , 10, 178	4.5	49
3	In Vivo Biodistribution and Lifetime Analysis of Cy5.5-Conjugated Rituximab in Mice Bearing Lymphoid Tumor Xenograft Using Time-Domain Near-Infrared Optical Imaging. <i>Molecular Imaging</i> , <b>2008</b> , 7, 7290.2008.00028	3.7	23
2	In vivo biodistribution and lifetime analysis of cy5.5-conjugated rituximab in mice bearing lymphoid tumor xenograft using time-domain near-infrared optical imaging. <i>Molecular Imaging</i> , <b>2008</b> , 7, 272-82	3.7	13
1	St John's wort modulation and developmental expression of multidrug transporters in the rat. <i>Phytotherapy Research</i> , <b>2006</b> , 20, 468-73	6.7	14