

# Eneko Garaio

## 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.

17  
papers

1,221  
citations

12  
h-index

17  
g-index

17  
ext. papers

1,477  
ext. citations

5.6  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
17	Martensitic transformation controlled by electromagnetic field: From experimental evidence to wireless actuator applications. <i>Materials and Design</i> , <b>2022</b> , 110746	8.1	0
16	Iron Oxide Nanorings and Nanotubes for Magnetic Hyperthermia: The Problem of Intraparticle Interactions. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	5
15	Exploring the potential of the dynamic hysteresis loops via high field, high frequency and temperature adjustable AC magnetometer for magnetic hyperthermia characterization. <i>International Journal of Hyperthermia</i> , <b>2020</b> , 37, 976-991	3.7	7
14	Unlocking the Potential of Magnetotactic Bacteria as Magnetic Hyperthermia Agents. <i>Small</i> , <b>2019</b> , 15, e1902626	11	49
13	Instrumentation for Magnetic Hyperthermia <b>2019</b> , 111-138		3
12	Improving the Heating Efficiency of Iron Oxide Nanoparticles by Tuning Their Shape and Size. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 2367-2381	3.8	122
11	Tuning Sizes, Morphologies, and Magnetic Properties of Monocore Versus Multicore Iron Oxide Nanoparticles through the Controlled Addition of Water in the Polyol Synthesis. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8232-8243	5.1	61
10	In Vivo Imaging of Local Gene Expression Induced by Magnetic Hyperthermia. <i>Genes</i> , <b>2017</b> , 8,	4.2	10
9	Ferromagnetic glass-coated microwires with good heating properties for magnetic hyperthermia. <i>Scientific Reports</i> , <b>2016</b> , 6, 39300	4.9	36
8	Enhanced Magnetic Hyperthermia in Iron Oxide Nano-Octopods: Size and Anisotropy Effects. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 8370-8379	3.8	115
7	Boosted Hyperthermia Therapy by Combined AC Magnetic and Photothermal Exposures in Ag/Fe <sub>3</sub> O <sub>4</sub> Nanoflowers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25162-9	9.5	75
6	Optimal Parameters for Hyperthermia Treatment Using Biomineralized Magnetite Nanoparticles: Theoretical and Experimental Approach. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 24437-24448	3.8	71
5	Specific absorption rate dependence on temperature in magnetic field hyperthermia measured by dynamic hysteresis losses (ac magnetometry). <i>Nanotechnology</i> , <b>2015</b> , 26, 015704	3.4	65
4	Harmonic phases of the nanoparticle magnetization: An intrinsic temperature probe. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 123103	3.4	23
3	Fundamentals and advances in magnetic hyperthermia. <i>Applied Physics Reviews</i> , <b>2015</b> , 2, 041302	17.3	469
2	A wide-frequency range AC magnetometer to measure the specific absorption rate in nanoparticles for magnetic hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2014</b> , 368, 432-437	2.8	59
1	A multifrequency electromagnetic applicator with an integrated AC magnetometer for magnetic hyperthermia experiments. <i>Measurement Science and Technology</i> , <b>2014</b> , 25, 115702	2	51

