

# Eneko Garaio

## List of Publications by Year in descending order

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17  
papers

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citations

566801

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940134

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docs citations

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1703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoflowers Versus Magnetosomes: Comparison Between Two Promising Candidates for Magnetic Hyperthermia Therapy. IEEE Access, 2021, 9, 99552-99561.	2.6	9
2	Exploring the potential of the dynamic hysteresis loops via high field, high frequency and temperature adjustable AC magnetometer for magnetic hyperthermia characterization. International Journal of Hyperthermia, 2020, 37, 976-991.	1.1	33
3	Unlocking the Potential of Magnetotactic Bacteria as Magnetic Hyperthermia Agents. Small, 2019, 15, e1902626.	5.2	79
4	Mn-Doping level dependence on the magnetic response of $\text{MnxFe}_{3-x}\text{O}_4$ ferrite nanoparticles. Dalton Transactions, 2019, 48, 11480-11491.	1.6	26
5	RGD-Functionalized $\text{Fe}_3\text{O}_4$ nanoparticles for magnetic hyperthermia. Colloids and Surfaces B: Biointerfaces, 2018, 165, 315-324.	2.5	49
6	Improving the Heating Efficiency of Iron Oxide Nanoparticles by Tuning Their Shape and Size. Journal of Physical Chemistry C, 2018, 122, 2367-2381.	1.5	178
7	Tuning Sizes, Morphologies, and Magnetic Properties of Monocore Versus Multicore Iron Oxide Nanoparticles through the Controlled Addition of Water in the Polyol Synthesis. Inorganic Chemistry, 2017, 56, 8232-8243.	1.9	83
8	In Vivo Imaging of Local Gene Expression Induced by Magnetic Hyperthermia. Genes, 2017, 8, 61.	1.0	15
9	Antitumor magnetic hyperthermia induced by RGD-functionalized $\text{Fe}_3\text{O}_4$ nanoparticles, in an experimental model of colorectal liver metastases. Beilstein Journal of Nanotechnology, 2016, 7, 1532-1542.	1.5	36
10	Enhanced magnetic anisotropy and heating efficiency in multi-functional manganese ferrite/graphene oxide nanostructures. Nanotechnology, 2016, 27, 155707.	1.3	30
11	Tunable High Aspect Ratio Iron Oxide Nanorods for Enhanced Hyperthermia. Journal of Physical Chemistry C, 2016, 120, 10086-10093.	1.5	209
12	Optimal Parameters for Hyperthermia Treatment Using Biomineralized Magnetite Nanoparticles: Theoretical and Experimental Approach. Journal of Physical Chemistry C, 2016, 120, 24437-24448.	1.5	94
13	Chemical Synthesis and Magnetic Properties of Monodisperse Nickel Ferrite Nanoparticles for Biomedical Applications. Journal of Physical Chemistry C, 2016, 120, 3492-3500.	1.5	77
14	Harmonic phases of the nanoparticle magnetization: An intrinsic temperature probe. Applied Physics Letters, 2015, 107, .	1.5	30
15	Specific absorption rate dependence on temperature in magnetic field hyperthermia measured by dynamic hysteresis losses (ac magnetometry). Nanotechnology, 2015, 26, 015704.	1.3	80
16	$\text{Fe}_3\text{O}_4$ nanoparticles prepared by the seeded-growth route for hyperthermia: electron magnetic resonance as a key tool to evaluate size distribution in magnetic nanoparticles. Nanoscale, 2014, 6, 7542-7552.	2.8	50
17	Tailoring biocompatible $\text{Fe}_3\text{O}_4$ nanoparticles for applications to magnetic hyperthermia. , 2012, , .		1