

Eneko Garaio

List of Publications by Year in descending order

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17
papers

1,079
citations

566801

15
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

1703
citing authors

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