

# Anna M Ferretti

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5924216/anna-m-ferretti-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56 papers	994 citations	17 h-index	29 g-index
62 ext. papers	1,150 ext. citations	5.1 avg, IF	4.08 L-index

#	Paper	IF	Citations
56	Size-dependent catalytic effect of magnetite nanoparticles in the synthesis of tunable magnetic polyaniline nanocomposites. <i>Chemical Papers</i> , <b>2021</b> , 75, 5057-5069	1.9	4
55	organized neovascularization induced by 3D bioprinted endothelial-derived extracellular vesicles. <i>Biofabrication</i> , <b>2021</b> , 13,	10.5	8
54	Circulating extracellular vesicles from individuals at high-risk of lung cancer induce pro-tumorigenic conversion of stromal cells through transfer of miR-126 and miR-320. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2021</b> , 40, 237	12.8	4
53	Towards bio-compatible magnetic nanoparticles: Immune-related effects, in-vitro internalization, and in-vivo bio-distribution of zwitterionic ferrite nanoparticles with unexpected renal clearance. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 582, 678-700	9.3	17
52	Small EVs-Associated DNA as Complementary Biomarker to Circulating Tumor DNA in Plasma of Metastatic Colorectal Cancer Patients. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	1
51	Exploiting Ultrashort $\alpha$ -Peptides in the Colloidal Stabilization of Gold Nanoparticles. <i>Langmuir</i> , <b>2021</b> , 37, 11365-11373	4	0
50	Selective Formation, Reactivity, Redox and Magnetic Properties of Mn and Fe Dinuclear Complexes with Shortened Salen-Type Schiff Base Ligands. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
49	Colloidal polymer-coated Zn-doped iron oxide nanoparticles with high relaxivity and specific absorption rate for efficient magnetic resonance imaging and magnetic hyperthermia. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 579, 186-194	9.3	11
48	Structure, Defects, and Magnetism of Electrospun Hematite Nanofibers Silica-Coated by Atomic Layer Deposition. <i>Langmuir</i> , <b>2020</b> , 36, 1305-1319	4	13
47	Synthesis and design of ferro- and ferrimagnetic NPs: Size and shape control in wet-chemistry synthesis <b>2020</b> , 333-379		
46	Stereoselective Synthesis by Catalysts Supported on Magnetic Nanoferrite <b>2020</b> , 115-157		
45	Ultrafast spectroscopy on water-processable PCBM: rod-coil block copolymer nanoparticles. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 26583-26591	3.6	0
44	An Approach for Magnetic Halloysite Nanocomposite with Selective Loading of Superparamagnetic Magnetite Nanoparticles in the Lumen. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 12086-12096	5.1	5
43	Increasing the Magnetic Anisotropy of a Natural System: Co-Doped Magnetite Mineralized in Ferritin Shells. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 4964-4973	1.3	0
42	Surfactant-free miniemulsion approach for low band gap rod-coil block copolymer water-processable nanoparticle fabrication: Film preparation and morphological characterization. <i>Polymer</i> , <b>2019</b> , 174, 61-69	3.9	3
41	Cu and Pt clusters deposition on TiO <sub>2</sub> powders by DC magnetron sputtering for photocatalytic hydrogen production. <i>Catalysis Today</i> , <b>2019</b> , 326, 15-21	5.3	11
40	c-Myc shuttled by tumour-derived extracellular vesicles promotes lung bronchial cell proliferation through miR-19b and miR-92a. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 759	9.8	20

39	The azide-alkyne cycloaddition catalysed by transition metal oxide nanoparticles. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 18049-18061	3.6	1
38	A new catechol-functionalized polyamidoamine as an effective SPION stabilizer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 174, 260-269	6	7
37	Shaped-controlled silicon-doped hematite nanostructures for enhanced PEC water splitting. <i>Catalysis Today</i> , <b>2019</b> , 328, 43-49	5.3	17
36	Experimental and theoretical investigations on magneto-structural correlation in trinuclear copper(II) hydroxido propellers. <i>Polyhedron</i> , <b>2018</b> , 145, 22-34	2.7	15
35	Water-Processable Amphiphilic Low Band Gap Block Copolymer: Fullerene Blend Nanoparticles as Alternative Sustainable Approach for Organic Solar Cells. <i>Advanced Sustainable Systems</i> , <b>2018</b> , 2, 1700155	5.9	14
34	Nitrilimine cycloadditions catalyzed by iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1	2.3	3
33	Impact of semi-solid formulations on skin penetration of iron oxide nanoparticles. <i>Journal of Nanobiotechnology</i> , <b>2017</b> , 15, 14	9.4	17
32	Elemental mercury vapor chemoresistors employing TiO <sub>2</sub> nanofibers photocatalytically decorated with Au-nanoparticles. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 247, 957-967	8.5	9
31	The role played by different TiO <sub>2</sub> features on the photocatalytic degradation of paracetamol. <i>Applied Surface Science</i> , <b>2017</b> , 424, 198-205	6.7	16
30	pH-sensitive polymersomes: controlling swelling via copolymer structure and chemical composition. <i>Journal of Drug Targeting</i> , <b>2017</b> , 25, 899-909	5.4	14
29	Investigation of Ni@CoO core-shell nanoparticle films synthesized by sequential layer deposition. <i>Applied Surface Science</i> , <b>2017</b> , 396, 1860-1865	6.7	4
28	Flame-Made Cu/TiO <sub>2</sub> and Cu-Pt/TiO <sub>2</sub> Photocatalysts for Hydrogen Production. <i>Catalysts</i> , <b>2017</b> , 7, 301	4	22
27	Steering the magnetic properties of Ni/NiO/CoO core-shell nanoparticle films: The role of core-shell interface versus interparticle interactions. <i>Physical Review Materials</i> , <b>2017</b> , 1,	3.2	6
26	Direct observation of charge order in underdoped and optimally doped Bi <sub>2</sub> (Sr,La) <sub>2</sub> CuO <sub>6</sub> by resonant inelastic x-ray scattering. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	43
25	Design of functionalized gold nanoparticle probes for computed tomography imaging. <i>Contrast Media and Molecular Imaging</i> , <b>2016</b> , 11, 405-414	3.2	24
24	Synthesis of Water Dispersible and Catalytically Active Gold-Decorated Cobalt Ferrite Nanoparticles. <i>Langmuir</i> , <b>2016</b> , 32, 7117-26	4	15
23	Manganese Sulfide (MnS) Nanocrystals: Synthesis, Properties, and Applications <b>2016</b> ,		4
22	A green approach to magnetically-hard electrically-conducting polyaniline/CoFe <sub>2</sub> O <sub>4</sub> nanocomposites. <i>Composites Science and Technology</i> , <b>2015</b> , 110, 138-144	8.6	30

21	Zwitterion-Coated Iron Oxide Nanoparticles: Surface Chemistry and Intracellular Uptake by Hepatocarcinoma (HepG2) Cells. <i>Langmuir</i> , <b>2015</b> , 31, 7381-90	4	35
20	Tunability of exchange bias in Ni@NiO core-shell nanoparticles obtained by sequential layer deposition. <i>Nanotechnology</i> , <b>2015</b> , 26, 405704	3-4	20
19	Silver(I) oxide nanoparticles as a catalyst in the azide-alkyne cycloaddition. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 5727-5730	2	23
18	Surfactant-controlled composition and crystal structure of manganese(II) sulfide nanocrystals prepared by solvothermal synthesis. <i>Beilstein Journal of Nanotechnology</i> , <b>2015</b> , 6, 2319-29	3	6
17	Three-Dimensional Reconstruction, by TEM Tomography, of the Ultrastructural Modifications Occurring in Cucumis sativus L. Mitochondria under Fe Deficiency. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129141	3-7	21
16	Glucose-coated superparamagnetic iron oxide nanoparticles prepared by metal vapour synthesis are electively internalized in a pancreatic adenocarcinoma cell line expressing GLUT1 transporter. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123159	3-7	24
15	Microwave characterization of magnetically hard and soft ferrite nanoparticles in K-band. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 154306	2-5	7
14	Superparamagnetic iron oxide nanoparticles stabilized by a poly(amidoamine)-rhenium complex as potential theranostic probe. <i>Dalton Transactions</i> , <b>2014</b> , 43, 1172-83	4-3	16
13	Controlled growth of Ni/NiO core-shell nanoparticles: Structure, morphology and tuning of magnetic properties. <i>Applied Surface Science</i> , <b>2014</b> , 306, 2-6	6-7	22
12	A smart platform for hyperthermia application in cancer treatment: cobalt-doped ferrite nanoparticles mineralized in human ferritin cages. <i>ACS Nano</i> , <b>2014</b> , 8, 4705-19	16-7	154
11	Magnetic nanoparticles conjugated to chiral imidazolidinone as recoverable catalyst. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2-3	14
10	Colloidal stability of iron oxide nanocrystals coated with a PEG-based tetra-catechol surfactant. <i>Nanotechnology</i> , <b>2013</b> , 24, 105702	3-4	19
9	Pebbles and PebbleJuggler: software for accurate, unbiased, and fast measurement and analysis of nanoparticle morphology from transmission electron microscopy (TEM) micrographs. <i>Nanoscale</i> , <b>2012</b> , 4, 5356-72	7-7	105
8	One-pot synthesis of polyaniline/Fe <sub>3</sub> O <sub>4</sub> nanocomposites with magnetic and conductive behaviour. Catalytic effect of Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Synthetic Metals</i> , <b>2012</b> , 162, 2250-2258	3-6	16
7	Quantitative texture analysis from powder-like electron diffraction data. <i>Journal of Applied Crystallography</i> , <b>2011</b> , 44, 454-461	3-8	6
6	Monodisperse Octahedral $\gamma$ -MnS and MnO Nanoparticles by the Decomposition of Manganese Oleate in the Presence of Sulfur. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 2804-2813	9-6	56
5	Electron spin-echo relaxation and envelope modulation of shallow phosphorus donors in silicon. <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	20
4	Electron Paramagnetic Resonance Spectroscopy of Iron(III)-Doped MFI Zeolite. 1. Multifrequency CW-EPR. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 1999-2005	3-4	16

3	Evolution of Extraframework Iron Species in Fe Silicalite. <i>Journal of Catalysis</i> , <b>2002</b> , 208, 83-88	7.3	4 <sup>1</sup>
2	EPR study of iron-doped MFI zeolite and silicalite catalysts: effect of treatments after synthesis. <i>Research on Chemical Intermediates</i> , <b>2002</b> , 28, 101-116	2.8	8
1	Conformational disorder in the propagating radical of dimethacrylate polymers. <i>Research on Chemical Intermediates</i> , <b>2002</b> , 28, 159-174	2.8	2