

# Anastasia S Garanina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8829001/publications.pdf>

Version: 2024-02-01

34  
papers

966  
citations

471371

17  
h-index

454834

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oviduct extracellular vesicles protein content and their role during oviduct-embryo cross-talk. <i>Reproduction</i> , 2017, 154, 253-268.	1.1	157
2	Magnetite-Gold nanohybrids as ideal all-in-one platforms for theranostics. <i>Scientific Reports</i> , 2018, 8, 11295.	1.6	77
3	Novel method for rapid toxicity screening of magnetic nanoparticles. <i>Scientific Reports</i> , 2018, 8, 7462.	1.6	67
4	In Vitro and In Vivo Electrochemical Measurement of Reactive Oxygen Species After Treatment with Anticancer Drugs. <i>Analytical Chemistry</i> , 2020, 92, 8010-8014.	3.2	58
5	Temperature-controlled magnetic nanoparticles hyperthermia inhibits primary tumor growth and metastases dissemination. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 25, 102171.	1.7	53
6	Synthesis of iron oxide nanorods for enhanced magnetic hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 469, 443-449.	1.0	47
7	Intravital microscopy reveals a novel mechanism of nanoparticles excretion in kidney. <i>Journal of Controlled Release</i> , 2019, 307, 368-378.	4.8	40
8	Extravasating Neutrophils Open Vascular Barrier and Improve Liposomes Delivery to Tumors. <i>ACS Nano</i> , 2019, 13, 12599-12612.	7.3	39
9	Steroid hormones regulate sperm-oviduct interactions in the bovine. <i>Reproduction</i> , 2017, 154, 497-508.	1.1	32
10	Size-selected Fe <sub>3</sub> O <sub>4</sub> -Au hybrid nanoparticles for improved magnetism-based theranostics. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2684-2699.	1.5	32
11	Neutrophil-mediated transport is crucial for delivery of short-circulating magnetic nanoparticles to tumors. <i>Acta Biomaterialia</i> , 2020, 104, 176-187.	4.1	32
12	The Centriolar Adjunct Appearance and Disassembly in Spermiogenesis and the Potential Impact on Fertility. <i>Cells</i> , 2019, 8, 180.	1.8	29
13	Consecutive entosis stages in human substrate-dependent cultured cells. <i>Scientific Reports</i> , 2017, 7, 12555.	1.6	28
14	Multifunctional Fe <sub>3</sub> O <sub>4</sub> -Au Nanoparticles for the MRI Diagnosis and Potential Treatment of Liver Cancer. <i>Nanomaterials</i> , 2020, 10, 1646.	1.9	27
15	Single Silicon Vacancy Centers in 10 nm Diamonds for Quantum Information Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 4765-4772.	2.4	26
16	Pt(IV) Prodrugs with Non-Steroidal Anti-inflammatory Drugs in the Axial Position. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8227-8244.	2.9	21
17	Neutrophil and Nanoparticles Delivery to Tumor: Is It Going to Carry That Weight?. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002071.	3.9	19
18	Synthesis and Biological Evaluation of PSMA Ligands with Aromatic Residues and Fluorescent Conjugates Based on Them. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4532-4552.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Cobalt Ferrite Nanoparticles for Tumor Therapy: Effective Heating versus Possible Toxicity. <i>Nanomaterials</i> , 2022, 12, 38.	1.9	19
20	Synthesis and biological evaluation of Doxorubicin-containing conjugate targeting PSMA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1246-1255.	1.0	17
21	Non-magnetic shell coating of magnetic nanoparticles as key factor of toxicity for cancer cells in a low frequency alternating magnetic field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111931.	2.5	16
22	Biodistribution and Tumors MRI Contrast Enhancement of Magnetic Nanocubes, Nanoclusters, and Nanorods in Multiple Mice Models. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-12.	0.4	15
23	Polypeptide-Based Molecular Platform and Its Docetaxel/Sulfo-Cy5-Containing Conjugate for Targeted Delivery to Prostate Specific Membrane Antigen. <i>Molecules</i> , 2020, 25, 5784.	1.7	13
24	Magnetocontrollability of Fe <sub>7</sub> C <sub>3</sub> @C superparamagnetic nanoparticles in living cells. <i>Journal of Nanobiotechnology</i> , 2016, 14, 67.	4.2	12
25	Centrioles without microtubules - a new morphological type of centriole. <i>Biology Open</i> , 2018, 7, .	0.6	12
26	<i>In Vitro</i> / <i>In Vivo</i> Electrochemical Detection of Pt(II) Species. <i>Analytical Chemistry</i> , 2022, 94, 4901-4905.	3.2	12
27	Intravital imaging of liposome behavior upon repeated administration: A step towards the development of liposomal companion diagnostic for cancer nanotherapy. <i>Journal of Controlled Release</i> , 2021, 330, 244-256.	4.8	11
28	The length of a short sperm: Elongation and shortening during spermiogenesis in <i>Cotesia congregata</i> (Hymenoptera, Braconidae). <i>Arthropod Structure and Development</i> , 2017, 46, 265-273.	0.8	9
29	Long-term live cells observation of internalized fluorescent Fe@C nanoparticles in constant magnetic field. <i>Journal of Nanobiotechnology</i> , 2019, 17, 27.	4.2	9
30	Room temperature synthesized solid solution AuFe nanoparticles and their transformation into Au/Fe Janus nanocrystals. <i>Nanoscale</i> , 2021, 13, 10402-10413.	2.8	8
31	Synthesis and Mössbauer study of <sup>57</sup> Fe-based nanoparticles biodegradation in living cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 337-342.	1.0	7
32	The use of iron oxide magnetic nanospheres and nanocubes for targeted doxorubicin delivery into 4t1 mouse breast carcinoma cells. <i>Bulletin of Russian State Medical University</i> , 2019, , 125-133.	0.3	2
33	Magnet-induced behavior of iron carbide (Fe <sub>7</sub> C <sub>3</sub> @C) nanoparticles in the cytoplasm of living cells. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2016, , 158-160.	0.2	1
34	Magnetic resonance imaging for predicting personalized antitumor nanomedicine efficacy. <i>Bulletin of Russian State Medical University</i> , 2019, , 21-24.	0.3	0