

Ivan V Zelepukin

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

741
citations

623699

14
h-index

580810

25
g-index

33
all docs

33
docs citations

33
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct photoacoustic measurement of silicon nanoparticle degradation promoted by a polymer coating. <i>Chemical Engineering Journal</i> , 2022, 430, 132860.	12.7	14
2	CaCO ₃ Nanoparticles Coated with Alternating Layers of Poly-L-Arginine Hydrochloride and Fe ₃ O ₄ Nanoparticles as Navigable Drug Carriers and Hyperthermia Agents. <i>ACS Applied Nano Materials</i> , 2022, 5, 2994-3006.	5.0	17
3	Laser-Ablative Synthesis of Ultrapure Magneto-Plasmonic Core-Satellite Nanocomposites for Biomedical Applications. <i>Nanomaterials</i> , 2022, 12, 649.	4.1	16
4	Laser synthesis of nanomaterials for nuclear nanomedicine. , 2022, , .		0
5	Laser Synthesized Core-Satellite Fe-Au Nanoparticles for Multimodal In Vivo Imaging and In Vitro Photothermal Therapy. <i>Pharmaceutics</i> , 2022, 14, 994.	4.5	17
6	Macrophage blockade using nature-inspired ferrihydrite for enhanced nanoparticle delivery to tumor. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121795.	5.2	4
7	Laser-ablative aqueous synthesis and characterization of elemental boron nanoparticles for biomedical applications. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
8	Laser-synthesized TiN nanoparticles for biomedical applications: Evaluation of safety, biodistribution and pharmacokinetics. <i>Materials Science and Engineering C</i> , 2021, 120, 111717.	7.3	44
9	In vivo blockade of mononuclear phagocyte system with solid nanoparticles: Efficiency and affecting factors. <i>Journal of Controlled Release</i> , 2021, 330, 111-118.	9.9	44
10	PLGA Nanoparticles Decorated with Anti-HER2 Affibody for Targeted Delivery and Photoinduced Cell Death. <i>Molecules</i> , 2021, 26, 3955.	3.8	25
11	Long-Term Fate of Magnetic Particles in Mice: A Comprehensive Study. <i>ACS Nano</i> , 2021, 15, 11341-11357.	14.6	50
12	DARPin ₉₋₂₉ -Targeted Gold Nanorods Selectively Suppress HER2-Positive Tumor Growth in Mice. <i>Cancers</i> , 2021, 13, 5235.	3.7	17
13	Comparison of pharmacokinetics and biodistribution of laser-synthesized plasmonic Au and TiN nanoparticles. <i>Journal of Physics: Conference Series</i> , 2021, 2058, 012004.	0.4	2
14	MIL-53 (Al) metal-organic frameworks as potential drug carriers. <i>Journal of Physics: Conference Series</i> , 2021, 2058, 012015.	0.4	0
15	Synthesis of bismuth-based coordination polymer for biomedical applications. <i>Journal of Physics: Conference Series</i> , 2021, 2058, 012012.	0.4	0
16	Fast processes of nanoparticle blood clearance: Comprehensive study. <i>Journal of Controlled Release</i> , 2020, 326, 181-191.	9.9	46
17	Dual Regioselective Targeting the Same Receptor in Nanoparticle-Mediated Combination Immuno/Chemotherapy for Enhanced Image-Guided Cancer Treatment. <i>ACS Nano</i> , 2020, 14, 12781-12795.	14.6	43
18	Enhancement of the blood-circulation time and performance of nanomedicines via the forced clearance of erythrocytes. <i>Nature Biomedical Engineering</i> , 2020, 4, 717-731.	22.5	103

#	ARTICLE	IF	CITATIONS
19	Spindle-like MRI-active europium-doped iron oxide nanoparticles with shape-induced cytotoxicity from simple and facile ferrihydrite crystallization procedure. RSC Advances, 2020, 10, 7301-7312.	3.6	14
20	Acoustic detection of nanoparticle structural stability in physiological media after their laser irradiation. , 2020, , .		0
21	Nanoparticle-based drug delivery <i>via</i> RBC-hitchhiking for the inhibition of lung metastases growth. Nanoscale, 2019, 11, 1636-1646.	5.6	126
22	Nuclear nanomedicine using Si nanoparticles as safe and effective carriers of ¹⁸⁸ Re radionuclide for cancer therapy. Scientific Reports, 2019, 9, 2017.	3.3	53
23	Magnetometry based method for investigation of nanoparticle clearance from circulation in a liver perfusion model. Nanotechnology, 2019, 30, 105101.	2.6	14
24	Versatile Platform for Nanoparticle Surface Bioengineering Based on SiO ₂ -Binding Peptide and Proteinaceous Barnase*Barstar Interface. ACS Applied Materials & Interfaces, 2018, 10, 17437-17447.	8.0	40
25	Synthesis of Luminescent Magnetic Nanoparticles with Controllable Surface Properties. , 2018, , .		5
26	Synthesis and Characterization of Hybrid Core-Shell Fe ₃ O ₄ /SiO ₂ Nanoparticles for Biomedical Applications. Acta Naturae, 2017, 9, 58-65.	1.7	3
27	Synthesis and Characterization of Hybrid Core-Shell Fe ₃ O ₄ /SiO ₂ Nanoparticles for Biomedical Applications. Acta Naturae, 2017, 9, 58-65.	1.7	2
28	Synthesis and Characterization of Hybrid Core-Shell Fe ₃ O ₄ /SiO ₂ Nanoparticles for Biomedical Applications. Acta Naturae, 2017, 9, 58-65.	1.7	5
29	Synthesis and Characterization of Hybrid Core-Shell Fe ₃ O ₄ /SiO ₂ Nanoparticles for Biomedical Applications. Acta Naturae, 2017, 9, 58-65.	1.7	8
30	Near infrared luminescent-magnetic nanoparticles for bimodal imaging in vivo. , 2016, , .		0
31	Synthesis of magnetic silica nanomarkers with controlled physicochemical properties. Doklady Biochemistry and Biophysics, 2016, 470, 335-337.	0.9	0
32	A comprehensive study of interactions between lectins and glycoproteins for the development of effective theranostic nanoagents. Doklady Biochemistry and Biophysics, 2015, 464, 315-318.	0.9	14