

Dimitri Stanicki

List of Publications by Year in descending order

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29
papers

882
citations

567281

15
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

1450
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic iron oxide nanoparticles for drug delivery: applications and characteristics. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 69-78.	5.0	364
2	Synthesis and processing of magnetic nanoparticles. <i>Current Opinion in Chemical Engineering</i> , 2015, 8, 7-14.	7.8	55
3	Nano-thermometers with thermo-sensitive polymer grafted USPIOs behaving as positive contrast agents in low-field MRI. <i>Nanoscale</i> , 2015, 7, 3754-3767.	5.6	47
4	Carboxy-silane coated iron oxide nanoparticles: a convenient platform for cellular and small animal imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 387-397.	5.8	36
5	Morphological alterations induced by the exposure to TiO ₂ nanoparticles in primary cortical neuron cultures and in the brain of rats. <i>Toxicology Reports</i> , 2018, 5, 878-889.	3.3	36
6	Influence of experimental parameters on iron oxide nanoparticle properties synthesized by thermal decomposition: size and nuclear magnetic resonance studies. <i>Nanotechnology</i> , 2018, 29, 165603.	2.6	31
7	An update on the applications and characteristics of magnetic iron oxide nanoparticles for drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 321-335.	5.0	29
8	A comparative physicochemical, morphological and magnetic study of silane-functionalized superparamagnetic iron oxide nanoparticles prepared by alkaline coprecipitation. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 75, 203-211.	2.8	28
9	MRI Contrast Agents. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , .	0.4	24
10	Silica Coated Iron/Iron Oxide Nanoparticles as a Nano-Platform for T2 Weighted Magnetic Resonance Imaging. <i>Molecules</i> , 2019, 24, 4629.	3.8	24
11	New carboxysilane-coated iron oxide nanoparticles for nonspecific cell labelling. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 466-474.	0.8	23
12	Influence of Experimental Parameters of a Continuous Flow Process on the Properties of Very Small Iron Oxide Nanoparticles (VSION) Designed for T1-Weighted Magnetic Resonance Imaging (MRI). <i>Nanomaterials</i> , 2020, 10, 757.	4.1	19
13	Human Alveolar Epithelial Cell Responses to Core-Shell Superparamagnetic Iron Oxide Nanoparticles (SPIONs). <i>Langmuir</i> , 2015, 31, 3829-3839.	3.5	18
14	VSION as high field MRI T1 contrast agent: evidence of their potential as positive contrast agent for magnetic resonance angiography. <i>Nanotechnology</i> , 2018, 29, 265103.	2.6	18
15	Micron-sized iron oxide particles for both MRI cell tracking and magnetic fluid hyperthermia treatment. <i>Scientific Reports</i> , 2021, 11, 3286.	3.3	16
16	Embedding of superparamagnetic iron oxide nanoparticles into membranes of well-defined poly(ethylene oxide)-block-poly(μ -caprolactone) nanoscale magnetovesicles as ultrasensitive MRI probes of membrane bio-degradation. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4692-4705.	5.8	15
17	Functionalization of the PEG Corona of Nanoparticles by Click Photochemistry in Water: Application to the Grafting of RGD Ligands on PEGylated USPIO Imaging Agent. <i>Bioconjugate Chemistry</i> , 2015, 26, 822-829.	3.6	13
18	Bimodal Probe for Magnetic Resonance Imaging and Photoacoustic Imaging Based on a PCTA-Derived Gadolinium(III) Complex and ZW800-1. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3354-3365.	2.0	13

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19	Development of an LDL Receptor-Targeted Peptide Susceptible to Facilitate the Brain Access of Diagnostic or Therapeutic Agents. <i>Biology</i> , 2020, 9, 161.	2.8	13
20	Nanodiamonds as nanomaterial for biomedical field. <i>Frontiers of Materials Science</i> , 2021, 15, 334-351.	2.2	11
21	Validation by Magnetic Resonance Imaging of the Diagnostic Potential of a Heptapeptide-Functionalized Imaging Probe Targeted to Amyloid- β^2 and Able to Cross the Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1547-1565.	2.6	10
22	Impact of the chain length on the biodistribution profiles of PEGylated iron oxide nanoparticles: a multimodal imaging study. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5055-5068.	5.8	9
23	Magnetic and radio-labeled bio-hybrid scaffolds to promote and track <i>in vivo</i> the progress of bone regeneration. <i>Biomaterials Science</i> , 2021, 9, 7575-7590.	5.4	9
24	Molecular Imaging of Galectin-1 Expression as a Biomarker of Papillary Thyroid Cancer by Using Peptide-Functionalized Imaging Probes. <i>Biology</i> , 2020, 9, 53.	2.8	5
25	Functionalized silica nanoplatform as a bimodal contrast agent for MRI and optical imaging. <i>Nanoscale</i> , 2021, 13, 16509-16524.	5.6	5
26	Surface engineering of silica nanoparticles with a gadolinium-PCTA complex for efficient T ₁ -weighted MRI contrast agents. <i>New Journal of Chemistry</i> , 2020, 44, 18031-18047.	2.8	4
27	Interaction between Iron Oxide Nanoparticles and HepaRG Cells: A Preliminary <i>In Vitro</i> Evaluation. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-9.	2.7	3
28	Toward a new and noninvasive diagnostic method of papillary thyroid cancer by using peptide vectorized contrast agents targeted to galectin-1. <i>Medical Oncology</i> , 2017, 34, 184.	2.5	3
29	Bimodal Probe for Magnetic Resonance Imaging and Photoacoustic Imaging Based on a PCTA-Derived Gadolinium(III) Complex and ZW800-1. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3353-3353.	2.0	0