

Tomasz Zalewski

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

479
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of water distribution, free radical production and activation of antioxidative metabolism in germinating pea seeds. <i>Journal of Plant Physiology</i> , 2006, 163, 1207-1220.	3.5	98
2	Potential use of superparamagnetic iron oxide nanoparticles for in vitro and in vivo bioimaging of human myoblasts. <i>Scientific Reports</i> , 2018, 8, 3682.	3.3	73
3	Theranostic liposomes as a bimodal carrier for magnetic resonance imaging contrast agent and photosensitizer. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 1-14.	3.5	40
4	Water uptake and distribution in germinating lupine seeds studied by magnetic resonance imaging and NMR spectroscopy. <i>Physiologia Plantarum</i> , 2007, 130, 23-32.	5.2	36
5	Doxorubicin loaded PEG-b-poly(4-vinylbenzylphosphonate) coated magnetic iron oxide nanoparticles for targeted drug delivery. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 384, 320-327.	2.3	34
6	Self-organizing silver and ultrasmall iron oxide nanoparticles prepared with ginger rhizome extract: Characterization, biomedical potential and microstructure analysis of hydrocolloids. <i>Materials and Design</i> , 2017, 133, 307-324.	7.0	34
7	Changes in water status and water distribution in maturing lupin seeds studied by MR imaging and NMR spectroscopy. <i>Journal of Experimental Botany</i> , 2007, 58, 3961-3969.	4.8	33
8	A comparative study of water distribution and dehydrin protein localization in maturing pea seeds. <i>Journal of Plant Physiology</i> , 2008, 165, 1940-1946.	3.5	20
9	Magnetic and hydrophilic MWCNT/Fe composites as potential T2-weighted MRI contrast agents. <i>Carbon</i> , 2015, 94, 1012-1020.	10.3	20
10	ZnO@Gd ₂ O ₃ core/shell nanoparticles for biomedical applications: Physicochemical, in vitro and in vivo characterization. <i>Materials Science and Engineering C</i> , 2017, 80, 603-615.	7.3	17
11	Cytotoxicity and imaging studies of $\text{I}^{2}\text{-NaGdF}_{4}\text{:Yb}^{3+}\text{Er}^{3+}\text{@PEG-Mo}$ nanorods. <i>RSC Advances</i> , 2016, 6, 95633-95643.	3.6	12
12	Functionalized multimodal ZnO@Gd ₂ O ₃ nanosystems to use as perspective contrast agent for MRI. <i>Applied Surface Science</i> , 2017, 404, 129-137.	6.1	12
13	PEG@MWCNT/Fe hybrids as multi-modal contrast agents for MRI and optical imaging. <i>RSC Advances</i> , 2016, 6, 49891-49902.	3.6	10
14	Insight into theranostic nanovesicles prepared by thin lipid hydration and microfluidic method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111871.	5.0	10
15	Organic-Inorganic Hybrid Nanoparticles Synthesized with <i>Hypericum perforatum</i> Extract: Potential Agents for Photodynamic Therapy at Ultra-low Power Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1625-1645.	6.7	9
16	Scaffold-aided repair of articular cartilage studied by MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 177-185.	2.0	8
17	Spin Lattice Relaxation and Diffusion Processes in Aqueous Solutions of Gadolinium-Based Upconverting Nanoparticles at Different Magnetic Fields. <i>Applied Magnetic Resonance</i> , 2019, 50, 553-561.	1.2	6
18	Assessment of Immunological Potential of Glial Restricted Progenitor Graft In Vivo Is Immunosuppression Mandatory?. <i>Cells</i> , 2021, 10, 1804.	4.1	5

#	ARTICLE	IF	CITATIONS
19	The Positive Influence of Therapeutic Agent on Relaxivities of Gadolinium-Loaded Liposomal Theranostics. <i>Applied Magnetic Resonance</i> , 2021, 52, 143-155.	1.2	2
20	Notice of Removal: The Positive Influence of Zinc Phthalocyanine on MRI Contrasts Helps Reducing Gadolinium Doses in Anticancer-MriTheranostics. , 2018, , .		0