

Jerzy O Szablowski

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

770
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed evolution of a magnetic resonance imaging contrast agent for noninvasive imaging of dopamine. <i>Nature Biotechnology</i> , 2010, 28, 264-270.	17.5	151
2	Biomolecular Ultrasound and Sonogenetics. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018, 9, 229-252.	6.8	137
3	Acoustically targeted chemogenetics for the non-invasive control of neural circuits. <i>Nature Biomedical Engineering</i> , 2018, 2, 475-484.	22.5	91
4	Acoustically modulated magnetic resonance imaging of gas-filled protein nanostructures. <i>Nature Materials</i> , 2018, 17, 456-463.	27.5	88
5	Protein Nanoparticles Engineered to Sense Kinase Activity in MRI. <i>Journal of the American Chemical Society</i> , 2009, 131, 2484-2486.	13.7	73
6	Activity of a Py-Im Polyamide Targeted to the Estrogen Response Element. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 675-684.	4.1	48
7	Going Deeper: Biomolecular Tools for Acoustic and Magnetic Imaging and Control of Cellular Function. <i>Biochemistry</i> , 2017, 56, 5202-5209.	2.5	45
8	Achieving Spatial and Molecular Specificity with Ultrasound-Targeted Biomolecular Nanotherapeutics. <i>Accounts of Chemical Research</i> , 2019, 52, 2427-2434.	15.6	40
9	Animal Toxicity of Hairpin Pyrrole-Imidazole Polyamides Varies with the Turn Unit. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7449-7457.	6.4	30
10	Tumor Xenograft Uptake of a Pyrrole-Imidazole (Py-Im) Polyamide Varies as a Function of Cell Line Grafted. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8471-8476.	6.4	19
11	A DNA-binding Molecule Targeting the Adaptive Hypoxic Response in Multiple Myeloma Has Potent Antitumor Activity. <i>Molecular Cancer Research</i> , 2016, 14, 253-266.	3.4	17
12	An HRE-Binding Py-Im Polyamide Impairs Hypoxic Signaling in Tumors. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 608-617.	4.1	16
13	Aequorin-expressing yeast emits light under electric control. <i>Journal of Biotechnology</i> , 2011, 152, 93-95.	3.8	4
14	Focused Ultrasound Induced Blood-Brain Barrier Opening for Targeting Brain Structures and Evaluating Chemogenetic Neuromodulation. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	4
15	Biohybrid approaches to interface with the nervous system: the best of both worlds. <i>Current Opinion in Biotechnology</i> , 2021, 72, 86-94.	6.6	1
16	A second-generation DNA-binding pyrrole-imidazole polyamide with antitumor activity.. <i>Journal of Clinical Oncology</i> , 2013, 31, e13588-e13588.	1.6	0