

Natascha Drude

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,742
citations

516215

16
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454577

30
g-index

32
all docs

32
docs citations

32
times ranked

5356
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor targeting via EPR: Strategies to enhance patient responses. <i>Advanced Drug Delivery Reviews</i> , 2018, 130, 17-38.	6.6	897
2	Iron oxide nanoparticles: Diagnostic, therapeutic and theranostic applications. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 302-325.	6.6	731
3	PLGA-Based Nanoparticles in Cancer Treatment. <i>Frontiers in Pharmacology</i> , 2018, 9, 1260.	1.6	372
4	Extent of disease in recurrent prostate cancer determined by [68Ga]PSMA-HBED-CC PET/CT in relation to PSA levels, PSA doubling time and Gleason score. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 397-403.	3.3	162
5	Polymeric Nanoparticles with Neglectable Protein Corona. <i>Small</i> , 2020, 16, e1907574.	5.2	95
6	Elastin imaging enables noninvasive staging and treatment monitoring of kidney fibrosis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	56
7	Riboflavin-Targeted Drug Delivery. <i>Cancers</i> , 2020, 12, 295.	1.7	43
8	Toward Copolymers with Ideal Thermosensitivity: Solution Properties of Linear, Well-Defined Polymers of <i>N</i> -Isopropyl Acrylamide and <i>N</i> -Diethyl Acrylamide. <i>Macromolecules</i> , 2012, 45, 8021-8026.	2.2	42
9	Modulation of glutathione promotes apoptosis in triple-negative breast cancer cells. <i>FASEB Journal</i> , 2018, 32, 2803-2813.	0.2	38
10	Theranostic and nanotheranostic probes in nuclear medicine. <i>Methods</i> , 2017, 130, 14-22.	1.9	37
11	Multimodal and multiscale optical imaging of nanomedicine delivery across the blood-brain barrier upon sonopermeation. <i>Theranostics</i> , 2020, 10, 1948-1959.	4.6	30
12	Improving preclinical studies through replications. <i>ELife</i> , 2021, 10, .	2.8	28
13	A nondestructive, statistical method for determination of initiation efficiency: dipentaerythritol-aided synthesis of ternary ABC3 miktoarm stars using a combined arm-first and core-first approach. <i>Polymer Chemistry</i> , 2013, 4, 3885.	1.9	25
14	Multistage Passive and Active Delivery of Radiolabeled Nanogels for Superior Tumor Penetration Efficiency. <i>Biomacromolecules</i> , 2017, 18, 2489-2498.	2.6	20
15	Impact of Glutathione Modulation on Stability and Pharmacokinetic Profile of Redox-Sensitive Nanogels. <i>Small</i> , 2018, 14, e1704093.	5.2	18
16	Protease Responsive Nanogels for Transcytosis across the Blood-Brain Barrier and Intracellular Delivery of Radiopharmaceuticals to Brain Tumor Cells. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100812.	3.9	18
17	Shelf-Life Evaluation and Lyophilization of PBCA-Based Polymeric Microbubbles. <i>Pharmaceutics</i> , 2019, 11, 433.	2.0	17
18	Assessment of Chemotherapy-Induced Organ Damage with Ga-68 Labeled Duramycin. <i>Molecular Imaging and Biology</i> , 2020, 22, 623-633.	1.3	16

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19	Synthesis, radiosynthesis and in vitro evaluation of ¹⁸ F-Bodipy-C16/triglyceride as a dual modal imaging agent for brown adipose tissue. PLoS ONE, 2017, 12, e0182297.	1.1	15
20	[¹⁸ F]BODIPY-triglyceride-containing chylomicron-like particles as an imaging agent for brown adipose tissue in vivo. Scientific Reports, 2019, 9, 2706.	1.6	14
21	Dual addressing of thymidine synthesis pathways for effective targeting of proliferating melanoma. Cancer Medicine, 2017, 6, 1639-1651.	1.3	10
22	The reconstruction algorithm used for [⁶⁸ Ga]PSMA-HBED-CC PET/CT reconstruction significantly influences the number of detected lymph node metastases and coeliac ganglia. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 662-669.	3.3	10
23	Evaluation of a Pretargeting Strategy for Molecular Imaging of the Prostate Stem Cell Antigen with a Single Chain Antibody. Scientific Reports, 2018, 8, 3755.	1.6	9
24	Influence of MRI Examinations on Animal Welfare and Study Results. Investigative Radiology, 2020, Publish Ahead of Print, 507-514.	3.5	9
25	Influence of Riboflavin Targeting on Tumor Accumulation and Internalization of Peptostar Based Drug Delivery Systems. Bioconjugate Chemistry, 2020, 31, 2691-2696.	1.8	8
26	PSA levels, PSA doubling time, Gleason score and prior therapy cannot predict measured uptake of [⁶⁸ Ga]PSMA-HBED-CC lesion uptake in recurrent/metastatic prostate cancer. Nuklearmedizin - Nuclear Medicine, 2017, 56, 225-232.	0.3	7
27	Performance of severity parameters to detect chemotherapy-induced pain and distress in mice. Laboratory Animals, 2020, 54, 452-460.	0.5	5
28	Experimental and Computational Study on the Microfluidic Control of Micellar Nanocarrier Properties. ACS Omega, 2021, 6, 23117-23128.	1.6	4
29	Severity assessment in rabbits after partial hepatectomy: Part II. Laboratory Animals, 2016, 50, 468-475.	0.5	3
30	Brown adipose tissue uptake of triglyceride-rich lipoprotein-derived fatty acids in diabetic or obese mice under different temperature conditions. EJNMMI Research, 2020, 10, 127.	1.1	3