Twan Lammers

List of Publications by Year
in descending order

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256 papers	22,962 citations	7069 78 h-index	9311 143 g-index
266 all docs	266 docs citations	266 times ranked	27479 citing authors

#	Article	IF	Citations
1	Strategies to Maximize Anthracycline Drug Loading in Albumin Microbubbles. ACS Biomaterials Science and Engineering, 2024, 10, 82-88.	2.6	6
2	Profiling target engagement and cellular uptake of cRGD-decorated clinical-stage core-crosslinked polymeric micelles. Drug Delivery and Translational Research, 2023, 13, 1195-1211.	3.0	5
3	Intravenous pegylated liposomal prednisolone outperforms intramuscular methylprednisolone in treating rheumatoid arthritis flares: A randomized controlled clinical trial. Journal of Controlled Release, 2022, 341, 548-554.	4.8	6
4	Tuning the size of all-HPMA polymeric micelles fabricated by solvent extraction. Journal of Controlled Release, 2022, 343, 338-346.	4.8	9
5	Toxicity of metalâ€"organic framework nanoparticles: from essential analyses to potential applications. Chemical Society Reviews, 2022, 51, 464-484.	18.7	144
6	Monitoring EPR Effect Dynamics during Nanotaxane Treatment with Theranostic Polymeric Micelles. Advanced Science, 2022, 9, e2103745.	5.6	20
7	ITIH5-Derived Polypeptides Covering the VIT Domain Suppress the Growth of Human Cancer Cells In Vitro. Cancers, 2022, 14, 488.	1.7	4
8	Novel short-termed mouse model of intrahepatic cholangiocarcinoma by orthotopic transplantation of Hep-55.1C in mice with human homology. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.2	0
9	Monitoring the Remodeling of Biohybrid Tissueâ€Engineered Vascular Grafts by Multimodal Molecular Imaging. Advanced Science, 2022, 9, e2105783.	5.6	10
10	Metallodrugs in cancer nanomedicine. Chemical Society Reviews, 2022, 51, 2544-2582.	18.7	70
11	Theranostic Triggerâ€Responsive Carbon Monoxideâ€Generating Microbubbles. Small, 2022, 18, e2200924.	5.2	11
12	PETâ€CT Imaging of Polymeric Nanoparticle Tumor Accumulation in Patients. Advanced Materials, 2022, 34, e2201043.	11.1	19
13	Î electron-stabilized polymeric micelles potentiate docetaxel therapy in advanced-stage gastrointestinal cancer. Biomaterials, 2021, 266, 120432.	5.7	31
14	Lyophilization stabilizes clinicalâ€stage coreâ€crosslinked polymeric micelles to overcome cold chain supply challenges. Biotechnology Journal, 2021, 16, e2000212.	1.8	17
15	Stimuliâ€Responsive Nanotheranostics. Advanced Healthcare Materials, 2021, 10, e2100243.	3.9	11
16	Cyclic Argininеâ€"Glycineâ€"Aspartateâ€Decorated Lipid Nanoparticle Targeting toward Inflammatory Lesions Involves Hitchhiking with Phagocytes. Advanced Science, 2021, 8, 2100370.	5.6	9
17	From Design to Clinic: Engineered Nanobiomaterials for Immune Normalization Therapy of Cancer. Advanced Materials, 2021, 33, e2008094.	11.1	60
18	Non-invasive molecular imaging of kidney diseases. Nature Reviews Nephrology, 2021, 17, 688-703.	4.1	26

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19	A paradigm shift in cancer nanomedicine: from traditional tumor targeting to leveraging the immune system. Drug Discovery Today, 2021, 26, 1482-1489.	3.2	12
20	Cancer Immunotherapy: From Design to Clinic: Engineered Nanobiomaterials for Immune Normalization Therapy of Cancer (Adv. Mater. 30/2021). Advanced Materials, 2021, 33, 2170237.	11.1	4
21	Iron metabolism: pathophysiology and pharmacology. Trends in Pharmacological Sciences, 2021, 42, 640-656.	4.0	87
22	Molecular magnetic resonance imaging of Alpha-v-Beta-3 integrin expression in tumors with ultrasound microbubbles. Biomaterials, 2021, 275, 120896.	5.7	17
23	Therapeutic and diagnostic targeting of fibrosis in metabolic, proliferative and viral disorders. Advanced Drug Delivery Reviews, 2021, 175, 113831.	6.6	17
24	Roadmap on nanomedicine. Nanotechnology, 2021, 32, 012001.	1.3	17
25	Effects of contrast-enhanced ultrasound treatment on neoadjuvant chemotherapy in breast cancer. Theranostics, 2021, 11, 9557-9570.	4.6	17
26	Nanoparticles for Cancer Diagnosis, Radionuclide Therapy and Theranostics. ACS Nano, 2021, 15, 16974-16981.	7.3	40
27	Liver Fibrosisâ€"From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814496.	1.2	9
28	New Aspects of Kidney Fibrosisâ€"From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814497.	1.2	21
29	Progression of Myeloproliferative Neoplasms (MPN): Diagnostic and Therapeutic Perspectives. Cells, 2021, 10, 3551.	1.8	24
30	A collagen-binding protein enables molecular imaging of kidney fibrosis inÂvivo. Kidney International, 2020, 97, 609-614.	2.6	34
31	Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine. Advanced Materials, 2020, 32, e1901989.	11.1	187
32	Imaging-assisted anticancer nanotherapy. Theranostics, 2020, 10, 956-967.	4.6	40
33	High-resolution 3D visualization of nanomedicine distribution in tumors. Theranostics, 2020, 10, 880-897.	4.6	13
34	Biotin-decorated all-HPMA polymeric micelles for paclitaxel delivery. Journal of Controlled Release, 2020, 328, 970-984.	4.8	40
35	Optical imaging of the whole-body to cellular biodistribution of clinical-stage PEG-b-pHPMA-based core-crosslinked polymeric micelles. Journal of Controlled Release, 2020, 328, 805-816.	4.8	30
36	Influence of Riboflavin Targeting on Tumor Accumulation and Internalization of Peptostar Based Drug Delivery Systems. Bioconjugate Chemistry, 2020, 31, 2691-2696.	1.8	8

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37	Just dose it. Nature Materials, 2020, 19, 1257-1258.	13.3	8
38	Clinically established biodegradable long acting injectables: An industry perspective. Advanced Drug Delivery Reviews, 2020, 167, 19-46.	6.6	72
39	Differential regulation of Lipocalin 2 (LCN2) in doxorubicin-resistant 4T1 triple negative breast cancer cells. Cellular Signalling, 2020, 74, 109731.	1.7	9
40	Dexamethasone nanomedicines for COVID-19. Nature Nanotechnology, 2020, 15, 622-624.	15.6	138
41	Lipids in disease pathology, diagnosis & therapy. Advanced Drug Delivery Reviews, 2020, 159, 1-3.	6.6	2
42	Potent and Prolonged Innate Immune Activation by Enzyme-Responsive Imidazoquinoline TLR7/8 Agonist Prodrug Vesicles. Journal of the American Chemical Society, 2020, 142, 12133-12139.	6.6	52
43	Cancer nanomedicine meets immunotherapy: opportunities and challenges. Acta Pharmacologica Sinica, 2020, 41, 954-958.	2.8	33
44	A Doxorubicin-Glucuronide Prodrug Released from Nanogels Activated by High-Intensity Focused Ultrasound Liberated Î²-Glucuronidase. Pharmaceutics, 2020, 12, 536.	2.0	6
45	Challenges in nanomedicine clinical translation. Drug Delivery and Translational Research, 2020, 10, 721-725.	3.0	140
46	The success of nanomedicine. Nano Today, 2020, 31, 100853.	6.2	69
47	The hepatic lipidome: From basic science to clinical translation. Advanced Drug Delivery Reviews, 2020, 159, 180-197.	6.6	37
48	Targeting Activated Hepatic Stellate Cells Using Collagen-Binding Chitosan Nanoparticles for siRNA Delivery to Fibrotic Livers. Pharmaceutics, 2020, 12, 590.	2.0	21
49	The EPR effect and beyond: Strategies to improve tumor targeting and cancer nanomedicine treatment efficacy. Theranostics, 2020, 10, 7921-7924.	4.6	459
50	Drug Loading in Poly(butyl cyanoacrylate)-Based Polymeric Microbubbles. Molecular Pharmaceutics, 2020, 17, 2840-2848.	2.3	18
51	Crystal Clots as Therapeutic Target in Cholesterol Crystal Embolism. Circulation Research, 2020, 126, e37-e52.	2.0	29
52	Optimizing the Geometry of Photoacoustically Active Gold Nanoparticles for Biomedical Imaging. ACS Photonics, 2020, 7, 646-652.	3.2	49
53	Size-isolation of superparamagnetic iron oxide nanoparticles improves MRI, MPI and hyperthermia performance. Journal of Nanobiotechnology, 2020, 18, 22.	4.2	120
54	Multimodal and multiscale optical imaging of nanomedicine delivery across the blood-brain barrier upon sonopermeation. Theranostics, 2020, 10, 1948-1959.	4.6	30

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55	Tuning Optical Properties of BODIPY Dyes by Pyrrole Conjugation for Photoacoustic Imaging. Advanced Optical Materials, 2020, 8, 1902115.	3.6	20
56	Polymeric Nanoparticles with Neglectable Protein Corona. Small, 2020, 16, e1907574.	5.2	95
57	Cancer Treatment: Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine (Adv. Mater. 13/2020). Advanced Materials, 2020, 32, 2070100.	11.1	2
58	Systematic evaluation of design features enables efficient selection of Î electron-stabilized polymeric micelles. International Journal of Pharmaceutics, 2020, 584, 119409.	2.6	11
59	Riboflavin-Targeted Drug Delivery. Cancers, 2020, 12, 295.	1.7	43
60	Macrophages protect against loss of adipose tissue during cancer cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 1128-1142.	2.9	29
61	Effect of neurokinin-1-receptor blockage on fracture healing in rats. Scientific Reports, 2019, 9, 9744.	1.6	14
62	Setting standards to promote progress in bioâ€“nano science. Nature Nanotechnology, 2019, 14, 626-626.	15.6	21
63	Iron oxide nanoparticles: Diagnostic, therapeutic and theranostic applications. Advanced Drug Delivery Reviews, 2019, 138, 302-325.	6.6	731
64	Smart cancer nanomedicine. Nature Nanotechnology, 2019, 14, 1007-1017.	15.6	776
65	Shelf-Life Evaluation and Lyophilization of PBCA-Based Polymeric Microbubbles. Pharmaceutics, 2019, 11, 433.	2.0	17
66	The CCR2+ Macrophage Subset Promotes Pathogenic Angiogenesis for Tumor Vascularization in Fibrotic Livers. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 371-390.	2.3	71
67	3Dâ€Bioprinted Miniâ€Brain: A Glioblastoma Model to Study Cellular Interactions and Therapeutics. Advanced Materials, 2019, 31, e1806590.	11.1	168
68	MR and PET-CT monitoring of tissue-engineered vascular grafts in the ovine carotid artery. Biomaterials, 2019, 216, 119228.	5.7	30
69	Combining Nanomedicine and Immunotherapy. Accounts of Chemical Research, 2019, 52, 1543-1554.	7.6	310
70	Bone resorption and body reorganization during maturation induce maternal transfer of toxic metals in anguillid eels. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11339-11344.	3.3	14
71	Hyperthermia-triggered release of hypoxic cell radiosensitizers from temperature-sensitive liposomes improves radiotherapy efficacy in vitro. Nanotechnology, 2019, 30, 264001.	1.3	14
72	Liver fibrosis affects the targeting properties of drug delivery systems to macrophage subsets in vivo. Biomaterials, 2019, 206, 49-60.	5.7	22

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73	CXCR6 Inhibits Hepatocarcinogenesis by Promoting Natural Killer T- and CD4+ T-Cellâ€"Dependent Control of Senescence. Gastroenterology, 2019, 156, 1877-1889.e4.	0.6	83
74	Elastin imaging enables noninvasive staging and treatment monitoring of kidney fibrosis. Science Translational Medicine, 2019, 11, .	5.8	56
75	The Inhibitory T Cell Receptors PD1 and 2B4 Are Differentially Regulated on CD4 and CD8 T Cells in a Mouse Model of Non-alcoholic Steatohepatitis. Frontiers in Pharmacology, 2019, 10, 244.	1.6	6
76	Engineering Nanoparticles to Reprogram the Tumor Immune Microenvironment for Improved Cancer Immunotherapy. Theranostics, 2019, 9, 7981-8000.	4.6	106
77	Nanomedicine and macroscale materials in immuno-oncology. Chemical Society Reviews, 2019, 48, 351-381.	18.7	118
78	Macro-nanomedicine: Targeting the big picture. Journal of Controlled Release, 2019, 294, 372-375.	4.8	28
79	Advanced Ultrasound Technologies for Diagnosis and Therapy. Journal of Nuclear Medicine, 2018, 59, 740-746.	2.8	47
80	Glucocorticoid-loaded liposomes induce a pro-resolution phenotype in human primary macrophages to support chronic wound healing. Biomaterials, 2018, 178, 481-495.	5.7	50
81	Targeting and Modulation of Liver Myeloid Immune Cells by Hardâ€Shell Microbubbles. Advanced Biology, 2018, 2, 1800002.	3.0	6
82	Histidine-rich glycoprotein-induced vascular normalization improves EPR-mediated drug targeting to and into tumors. Journal of Controlled Release, 2018, 282, 25-34.	4.8	29
83	Molecular Ultrasound Imaging of Junctional Adhesion Molecule A Depicts Acute Alterations in Blood Flow and Early Endothelial Dysregulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 40-48.	1.1	34
84	In Vitro Evaluation of Antiâ€Aggregation and Degradation Behavior of PEGylated Polymeric Nanogels under In Vivo Like Conditions. Macromolecular Bioscience, 2018, 18, 1700127.	2.1	3
85	Influence of cholesterol inclusion on the doxorubicin release characteristics of lysolipid-based thermosensitive liposomes. International Journal of Pharmaceutics, 2018, 548, 778-782.	2.6	30
86	c-Met Signaling Protects from Nonalcoholic Steatohepatitis- (NASH-) Induced Fibrosis in Different Liver Cell Types. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	1.9	9
87	Sonopermeation to improve drug delivery to tumors: from fundamental understanding to clinical translation. Expert Opinion on Drug Delivery, 2018, 15, 1249-1261.	2.4	76
88	PLGA-Based Nanoparticles in Cancer Treatment. Frontiers in Pharmacology, 2018, 9, 1260.	1.6	372
89	A computational and experimental study to develop E-selectin targeted peptides for molecular imaging applications. Future Medicinal Chemistry, 2018, 10, 2695-2711.	1.1	4
90	Semi-Automated Segmentation of the Tumor Vasculature in Contrast-Enhanced Ultrasound Data. Ultrasound in Medicine and Biology, 2018, 44, 1910-1917.	0.7	4

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91	Radiomic analysis of contrast-enhanced ultrasound data. Scientific Reports, 2018, 8, 11359.	1.6	31
92	Tumor targeting via EPR: Strategies to enhance patient responses. Advanced Drug Delivery Reviews, 2018, 130, 17-38.	6.6	897
93	Motion model ultrasound localization microscopy for preclinical and clinical multiparametric tumor characterization. Nature Communications, 2018, 9, 1527.	5.8	161
94	Imaging Nanomedicine-Based Drug Delivery: a Review of Clinical Studies. Molecular Imaging and Biology, 2018, 20, 683-695.	1.3	86
95	Application of polymersomes engineered to target p32 protein for detection of small breast tumors in mice. Oncotarget, 2018, 9, 18682-18697.	0.8	39
96	The multikinase inhibitor regorafenib decreases angiogenesis and improves portal hypertension. Oncotarget, 2018, 9, 36220-36237.	0.8	20
97	Challenges and strategies in anti-cancer nanomedicine development: An industry perspective. Advanced Drug Delivery Reviews, 2017, 108, 25-38.	6.6	881
98	Targeting iron metabolism in drug discovery and delivery. Nature Reviews Drug Discovery, 2017, 16, 400-423.	21.5	258
99	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. Journal of Controlled Release, 2017, 246, 183-184.	4.8	75
100	Clinical application of polymeric micelles for the treatment of cancer. Materials Chemistry Frontiers, 2017, 1, 1485-1501.	3.2	133
101	Singlet oxygen-responsive micelles for enhanced photodynamic therapy. Journal of Controlled Release, 2017, 260, 12-21.	4.8	90
102	Targeting CCl4â€induced liver fibrosis by RNA interferenceâ€“mediated inhibition of cyclin E1 in mice. Hepatology, 2017, 66, 1242-1257.	3.6	46
103	Recent advances in ultrasound-based diagnosis and therapy with micro- and nanometer-sized formulations. Methods, 2017, 130, 4-13.	1.9	81
104	Enhancing Tumor Penetration of Nanomedicines. Biomacromolecules, 2017, 18, 1449-1459.	2.6	157
105	Physicochemical Characterization of the Shell Composition of PBCAâ€Based Polymeric Microbubbles. Macromolecular Bioscience, 2017, 17, 1700002.	2.1	16
106	Multimodal [GdO]⁺[ICG]^{â^'} Nanoparticles for Optical, Photoacoustic, and Magnetic Resonance Imaging. Chemistry of Materials, 2017, 29, 3547-3554.	3.2	32
107	PBCA-based polymeric microbubbles for molecular imaging and drug delivery. Journal of Controlled Release, 2017, 259, 128-135.	4.8	59
108	Fluorinated Polyurethane Scaffolds for ¹⁹F Magnetic Resonance Imaging. Chemistry of Materials, 2017, 29, 2669-2671.	3.2	15

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109	Polymeric Selectin Ligands Mimicking Complex Carbohydrates: From Selectin Binders to Modifiers of Macrophage Migration. Angewandte Chemie - International Edition, 2017, 56, 1416-1421.	7.2	41
110	Immunomodulatory Therapy of Inflammatory Liver Disease Using Selectin-Binding Glycopolymers. ACS Nano, 2017, 11, 9689-9700.	7.3	36
111	Balancing Passive and Active Targeting to Different Tumor Compartments Using Riboflavin-Functionalized Polymeric Nanocarriers. Nano Letters, 2017, 17, 4665-4674.	4.5	69
112	Polymere Selectinliganden als komplexe Glykomimetika: von Selectinbindung bis zur Modifizierung der Makrophagenmigration. Angewandte Chemie, 2017, 129, 1438-1443.	1.6	2
113	Fibrosis imaging: Current concepts and future directions. Advanced Drug Delivery Reviews, 2017, 121, 9-26.	6.6	110
114	Overcoming multidrug resistance using folate receptor-targeted and pH-responsive polymeric nanogels containing covalently entrapped doxorubicin. Nanoscale, 2017, 9, 10404-10419.	2.8	58
115	Pharmacological and physical vessel modulation strategies to improve EPR-mediated drug targeting to tumors. Advanced Drug Delivery Reviews, 2017, 119, 44-60.	6.6	194
116	Status and trends in the development of clinical diagnostic agents. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2017, 9, e1441.	3.3	9
117	Targeting distinct myeloid cell populations inÂvivo using polymers, liposomes and microbubbles. Biomaterials, 2017, 114, 106-120.	5.7	63
118	Tumor-targeted nanomedicines for cancer theranostics. Pharmacological Research, 2017, 115, 87-95.	3.1	176
119	Cancer nanomedicines: oversold or underappreciated?. Expert Opinion on Drug Delivery, 2017, 14, 1-5.	2.4	107
120	Physicoâ€Chemical Strategies to Enhance Stability and Drug Retention of Polymeric Micelles for Tumorâ€Targeted Drug Delivery. Macromolecular Bioscience, 2017, 17, 1600160.	2.1	125
121	Photoacoustic imaging of tumor targeting with riboflavin-functionalized theranostic nanocarriers. International Journal of Nanomedicine, 2017, Volume 12, 3813-3825.	3.3	18
122	Automated Generation of Reliable Blood Velocity Parameter Maps from Contrast-Enhanced Ultrasound Data. Contrast Media and Molecular Imaging, 2017, 2017, 1-8.	0.4	5
123	Noninvasive Assessment of Elimination and Retention using CT-FMT and Kinetic Whole-body Modeling. Theranostics, 2017, 7, 1499-1510.	4.6	20
124	Imalytics Preclinical: Interactive Analysis of Biomedical Volume Data. Theranostics, 2016, 6, 328-341.	4.6	94
125	Pharmacological Intervention in Hepatic Stellate Cell Activation and Hepatic Fibrosis. Frontiers in Pharmacology, 2016, 7, 33.	1.6	81
126	Tailoring the physicochemical properties of core-crosslinked polymeric micelles for pharmaceutical applications. Journal of Controlled Release, 2016, 244, 314-325.	4.8	37

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127	Polymeric Nanogels with Tailorable Degradation Behavior. Macromolecular Bioscience, 2016, 16, 1122-1137.	2.1	9
128	In situ validation of VEGFR-2 and Î± v ÃŸ 3 integrin as targets for breast lesion characterization. Angiogenesis, 2016, 19, 245-254.	3.7	8
129	Targeting cellular and microenvironmental multidrug resistance. Expert Opinion on Drug Delivery, 2016, 13, 1199-1202.	2.4	9
130	Refinement of adsorptive coatings for fluorescent riboflavinâ€receptorâ€targeted iron oxide nanoparticles. Contrast Media and Molecular Imaging, 2016, 11, 47-54.	0.4	9
131	Amphiphilic Phospholipid-Based Riboflavin Derivatives for Tumor Targeting Nanomedicines. Bioconjugate Chemistry, 2016, 27, 2048-2061.	1.8	28
132	Ultrasound-mediated drug delivery to the brain: principles, progress and prospects. Drug Discovery Today: Technologies, 2016, 20, 41-48.	4.0	120
133	The necroptosis-inducing kinase RIPK3 dampens adipose tissue inflammation and glucose intolerance. Nature Communications, 2016, 7, 11869.	5.8	68
134	Cancer nanomedicine: is targeting our target?. Nature Reviews Materials, 2016, 1, .	23.3	154
135	Histidineâ€rich glycoprotein promotes macrophage activation and inflammation in chronic liver disease. Hepatology, 2016, 63, 1310-1324.	3.6	77
136	Strategies for encapsulation of small hydrophilic and amphiphilic drugs in PLGA microspheres: State-of-the-art and challenges. International Journal of Pharmaceutics, 2016, 499, 358-367.	2.6	207
137	Micro-computed tomography (Î¼CT) as a novel method in ecotoxicology â€" determination of morphometric and somatic data in rainbow trout (Oncorhynchus mykiss). Science of the Total Environment, 2016, 543, 135-139.	3.9	7
138	Sonoporation enhances liposome accumulation and penetration in tumors with low EPR. Journal of Controlled Release, 2016, 231, 77-85.	4.8	119
139	Locoregional cancer therapy using polymer-based drug depots. Drug Discovery Today, 2016, 21, 640-647.	3.2	25
140	Quantitative Micro-Computed Tomography Imaging of Vascular Dysfunction in Progressive Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2016, 27, 520-532.	3.0	112
141	Squamous Cell Carcinoma Xenografts: Use of VEGFR2-targeted Microbubbles for Combined Functional and Molecular US to Monitor Antiangiogenic Therapy Effects. Radiology, 2016, 278, 430-440.	3.6	31
142	Flexible and Modular MPI Simulation Framework and Its Use in Modeling a <inline-formula> <tex-math notation="LaTeX">$oldsymbol {mu }$ </tex-math></inline-formula>MPI. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	2
143	A Field Cancellation Signal Extraction Method for Magnetic Particle Imaging. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	17
144	USPIO-labeled textile materials for non-invasive MR imaging of tissue-engineered vascular grafts. Biomaterials, 2015, 39, 155-163.	5.7	66

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145	Applications of nanoparticles for diagnosis and therapy of cancer. British Journal of Radiology, 2015, 88, 20150207.	1.0	372
146	Liposomal delivery of dexamethasone attenuates prostate cancer bone metastatic tumor growth In Vivo. Prostate, 2015, 75, 815-824.	1.2	41
147	Theranostic USPIOâ€Loaded Microbubbles for Mediating and Monitoring Bloodâ€Brain Barrier Permeation. Advanced Functional Materials, 2015, 25, 36-43.	7.8	123
148	Water-soluble dopamine-based polymers for photoacoustic imaging. Chemical Communications, 2015, 51, 6084-6087.	2.2	51
149	Hybrid Materials: Theranostic USPIOâ€Loaded Microbubbles for Mediating and Monitoring Bloodâ€Brain Barrier Permeation (Adv. Funct. Mater. 1/2015). Advanced Functional Materials, 2015, 25, 2-2.	7.8	6
150	Core-crosslinked polymeric micelles: Principles, preparation, biomedical applications and clinical translation. Nano Today, 2015, 10, 93-117.	6.2	415
151	Sunitinib microspheres based on [PDLLA-PEG-PDLLA]-b-PLLA multi-block copolymers for ocular drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 368-377.	2.0	36
152	Formulation and characterization of microspheres loaded with imatinib for sustained delivery. International Journal of Pharmaceutics, 2015, 482, 123-130.	2.6	48
153	Role of Platelet-Derived Growth Factor-CC in Capillary Rarefaction in Renal Fibrosis. American Journal of Pathology, 2015, 185, 2132-2142.	1.9	19
154	Noninvasive Imaging of Nanomedicines and Nanotheranostics: Principles, Progress, and Prospects. Chemical Reviews, 2015, 115, 10907-10937.	23.0	401
155	Image-guided drug delivery: preclinical applications and clinical translation. Expert Opinion on Drug Delivery, 2015, 12, 1203-1207.	2.4	38
156	Enhanced In Vitro and In Vivo Cellular Imaging with Green Tea Coated Water-Soluble Iron Oxide Nanocrystals. ACS Applied Materials & Interfaces, 2015, 7, 6530-6540.	4.0	63
157	Fluorophore labeling of core-crosslinked polymeric micelles for multimodal in vivo and ex vivo optical imaging. Nanomedicine, 2015, 10, 1111-1125.	1.7	17
158	Complete Regression of Xenograft Tumors upon Targeted Delivery of Paclitaxel via Îâ€“Î Stacking Stabilized Polymeric Micelles. ACS Nano, 2015, 9, 3740-3752.	7.3	185
159	Long circulating and stable polymeric micelles for targeted delivery of paclitaxel. Journal of Controlled Release, 2015, 213, e127-e128.	4.8	1
160	Noninvasive Molecular Ultrasound Monitoring of Vessel Healing After Intravascular Surgical Procedures in a Preclinical Setup. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1366-1373.	1.1	25
161	Decationized polyplexes for gene delivery. Expert Opinion on Drug Delivery, 2015, 12, 507-512.	2.4	16
162	Fluorescent cell-traceable dexamethasone-loaded liposomes for the treatment of inflammatory liver diseases. Biomaterials, 2015, 37, 367-382.	5.7	115

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163	Hybrid µCT-FMT imaging and image analysis. Journal of Visualized Experiments, 2015, , e52770.	0.2	27
164	FMN-Coated Fluorescent USPIO for Cell Labeling and Non-Invasive MR Imaging in Tissue Engineering. Theranostics, 2014, 4, 1002-1013.	4.6	31
165	Absorption Reconstruction Improves Biodistribution Assessment of Fluorescent Nanoprobes Using Hybrid Fluorescence-mediated Tomography. Theranostics, 2014, 4, 960-971.	4.6	46
166	Nondestructive monitoring of tissue-engineered constructs. Biomedizinische Technik, 2014, 59, 165-75.	0.9	8
167	In Vitro, In Vivo and In Silico Analysis of the Anticancer and Estrogen-like Activity of Guava Leaf Extracts. Current Medicinal Chemistry, 2014, 21, 2322-2330.	1.2	25
168	Micro-CT Imaging of Tumor Angiogenesis. American Journal of Pathology, 2014, 184, 431-441.	1.9	132
169	Iron Oxideâ€Labeled Collagen Scaffolds for Nonâ€Invasive MR Imaging in Tissue Engineering. Advanced Functional Materials, 2014, 24, 754-762.	7.8	85
170	Passive versus Active Tumor Targeting Using RGD- and NGR-Modified Polymeric Nanomedicines. Nano Letters, 2014, 14, 972-981.	4.5	272
171	PEG-pHPMAm-based polymeric micelles loaded with doxorubicin-prodrugs in combination antitumor therapy with oncolytic vaccinia viruses. Polymer Chemistry, 2014, 5, 1674-1681.	1.9	17
172	Decationized polyplexes as stable and safe carrier systems for improved biodistribution in systemic gene therapy. Journal of Controlled Release, 2014, 195, 162-175.	4.8	38
173	Absolute MR thermometry using nanocarriers. Contrast Media and Molecular Imaging, 2014, 9, 283-290.	0.4	4
174	Nanoparticles for Imaging: Top or Flop?. Radiology, 2014, 273, 10-28.	3.6	195
175	CCL2-dependent infiltrating macrophages promote angiogenesis in progressive liver fibrosis. Gut, 2014, 63, 1960-1971.	6.1	247
176	The theranostic path to personalized nanomedicine. Clinical and Translational Imaging, 2014, 2, 67-76.	1.1	57
177	Nanomedicines for Inflammatory Arthritis: Head-to-Head Comparison of Glucocorticoid-Containing Polymers, Micelles, and Liposomes. ACS Nano, 2014, 8, 458-466.	7.3	133
178	Liposomal encapsulation of dexamethasone modulates cytotoxicity, inflammatory cytokine response, and migratory properties of primary human macrophages. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1209-1220.	1.7	80
179	Characterizing EPR-mediated passive drug targeting using contrast-enhanced functional ultrasound imaging. Journal of Controlled Release, 2014, 182, 83-89.	4.8	83
180	Recent advances in molecular, multimodal and theranostic ultrasound imaging. Advanced Drug Delivery Reviews, 2014, 72, 15-27.	6.6	184

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