Karen Alt

List of Publications by Year
in descending order

38 papers	2,328 citations	257450 24 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	3695 citing authors

#	Article	IF	Citations
1	Engineering Multifunctional Capsules through the Assembly of Metalâ€“Phenolic Networks. Angewandte Chemie - International Edition, 2014, 53, 5546-5551.	13.8	781
2	Engineering Poly(ethylene glycol) Particles for Improved Biodistribution. ACS Nano, 2015, 9, 1571-1580.	14.6	148
3	Engineering Multifunctional Capsules through the Assembly of Metalâ€“Phenolic Networks. Angewandte Chemie, 2014, 126, 5652-5657.	2.0	111
4	PET Imaging of Prostate Cancer Xenografts with a Highly Specific Antibody against the Prostate-Specific Membrane Antigen. Journal of Nuclear Medicine, 2009, 50, 606-611.	5.0	92
5	Enzymeâ€Mediated Siteâ€Specific Bioconjugation of Metal Complexes to Proteins: Sortaseâ€Mediated Coupling of Copperâ€64 to a Singleâ€Chain Antibody. Angewandte Chemie - International Edition, 2014, 53, 6115-6119.	13.8	82
6	Molecular imaging of activated platelets via antibody-targeted ultra-small iron oxide nanoparticles displaying unique dual MRI contrast. Biomaterials, 2017, 134, 31-42.	11.4	78
7	Towards Effective and Safe Thrombolysis and Thromboprophylaxis. Circulation Research, 2014, 114, 1083-1093.	4.5	76
8	Multifunctional Thrombinâ€Activatable Polymer Capsules for Specific Targeting to Activated Platelets. Advanced Materials, 2015, 27, 5153-5157.	21.0	73
9	Selfâ€Assembled Nanoparticles from Phenolic Derivatives for Cancer Therapy. Advanced Healthcare Materials, 2017, 6, 1700467.	7.6	71
10	Three conformational antibodies specific for different PSMA epitopes are promising diagnostic and therapeutic tools for prostate cancer. Prostate, 2010, 70, 562-569.	2.3	70
11	Boronateâ€“Phenolic Network Capsules with Dual Response to Acidic pH and cisâ€Diols. Advanced Healthcare Materials, 2015, 4, 1796-1801.	7.6	60
12	Highâ€resolution animal PET imaging of prostate cancer xenografts with three different ⁶⁴Cuâ€labeled antibodies against native cellâ€adherent PSMA. Prostate, 2010, 70, 1413-1421.	2.3	48
13	A Versatile Approach for the Siteâ€Specific Modification of Recombinant Antibodies Using a Combination of Enzymeâ€Mediated Bioconjugation and Click Chemistry. Angewandte Chemie - International Edition, 2015, 54, 7515-7519.	13.8	48
14	Particle generation, functionalization and sortase Aâ€“mediated modification with targeting of single-chain antibodies for diagnostic and therapeutic use. Nature Protocols, 2015, 10, 90-105.	12.0	45
15	Shearâ€sensitive nanocapsule drug release for siteâ€specific inhibition of occlusive thrombus formation. Journal of Thrombosis and Haemostasis, 2017, 15, 972-982.	3.8	43
16	High-density lipoprotein delivered after myocardial infarction increases cardiac glucose uptake and function in mice. Science Translational Medicine, 2017, 9, .	12.4	43
17	Single-Chain Antibody Conjugated to a Cage Amine Chelator and Labeled with Positron-Emitting Copper-64 for Diagnostic Imaging of Activated Platelets. Molecular Pharmaceutics, 2014, 11, 2855-2863.	4.6	42
18	Highly Sensitive Detection of Minimal Cardiac Ischemia using Positron Emission Tomography Imaging of Activated Platelets. Scientific Reports, 2016, 6, 38161.	3.3	39

#	Article	IF	Citations
19	Preclinical Evaluation of a Recombinant Anti-Prostate Specific Membrane Antigen Single-Chain Immunotoxin Against Prostate Cancer. Journal of Immunotherapy, 2010, 33, 262-271.	2.4	36
20	Stealth nanorods via the aqueous living crystallisation-driven self-assembly of poly(2-oxazoline)s. Chemical Science, 2021, 12, 7350-7360.	7.4	35
21	Effective targeting of prostate cancer by lymphocytes redirected by a PSMAâ€‰Ã—â€‰CD3 bispecific singleâ€chain diabody. Prostate, 2011, 71, 588-596.	2.3	34
22	Ligand-Functionalized Poly(ethylene glycol) Particles for Tumor Targeting and Intracellular Uptake. Biomacromolecules, 2019, 20, 3592-3600.	5.4	31
23	Polymer Capsules for Plaqueâ€Targeted In Vivo Delivery. Advanced Materials, 2016, 28, 7703-7707.	21.0	29
24	Anti-PSMA immunotoxin as novel treatment for prostate cancer? High and specific antitumor activity on human prostate xenograft tumors in SCID mice. Prostate, 2008, 68, 129-138.	2.3	23
25	Functional Brush Poly(2â€ethylâ€2â€oxazine)s: Synthesis by CROP and RAFT, Thermoresponsiveness and Grafting onto Iron Oxide Nanoparticles. Macromolecular Rapid Communications, 2019, 40, e1800911.	3.9	23
26	Novel Thrombolytic Drug Based on Thrombin Cleavable Microplasminogen Coupled to a Singleâ€Chain Antibody Specific for Activated GPIIb/IIIa. Journal of the American Heart Association, 2017, 6, .	3.7	22
27	Detection of activated platelets in a mouse model of carotid artery thrombosis with 18F-labeled single-chain antibodies. Nuclear Medicine and Biology, 2014, 41, 229-237.	0.6	21
28	In vivo testing of 177Lu-labelled anti-PSMA antibody as a new radioimmunotherapeutic agent against prostate cancer. In Vivo, 2011, 25, 55-9.	1.3	16
29	High Affinity Binders to EphA2 Isolated from Abdurin Scaffold Libraries; Characterization, Binding and Tumor Targeting. PLoS ONE, 2015, 10, e0135278.	2.5	13
30	A clinical trial of non-invasive imaging with an anti-HIV antibody labelled with copper-64 in people living with HIV and uninfected controls. EBioMedicine, 2021, 65, 103252.	6.1	12
31	Collagen-Targeted Theranostic Nanosponges for Delivery of the Matrix Metalloproteinase 14 Inhibitor Naphthofluorescein. Chemistry of Materials, 2020, 32, 3707-3714.	6.7	11
32	Collagenâ€Targeted Peptides for Molecular Imaging of Diffuse Cardiac Fibrosis. Journal of the American Heart Association, 2021, 10, e022139.	3.7	8
33	Magnetic fibrinolysis: putting the therapeutic wheels in a corkscrew motion. Journal of Thrombosis and Haemostasis, 2018, 16, 615-617.	3.8	6
34	Engineering Antibodies with C-Terminal Sortase-Mediated Modification for Targeted Nanomedicine. Methods in Molecular Biology, 2019, 2033, 67-80.	0.9	5
35	Platelet-targeted thrombolysis for treatment of acute ischemic stroke. Blood Advances, 2023, 7, 561-574.	5.2	5
36	Template-Assisted Antibody Assembly: A Versatile Approach for Engineering Functional Antibody Nanoparticles. Chemistry of Materials, 2022, 34, 3694-3704.	6.7	4

#	Article	IF	Citations
37	Titelbild: Engineering Multifunctional Capsules through the Assembly of Metal-Phenolic Networks (Angew. Chem. 22/2014). Angewandte Chemie, 2014, 126, 5579-5579.	2.0	1
38	Selfâ€Assembly of Oriented Antibodyâ€Decorated Metalâ€“Organic Framework Nanocrystals for Activeâ€Targeting Applications (Adv. Mater. 21/2022). Advanced Materials, 2022, 34, .	21.0	0