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	Platelet-targeted thrombolysis for treatment of acute ischemic stroke. Blood Advances, 2023, 7, 561-574.	5.2	5
2	Template-Assisted Antibody Assembly: A Versatile Approach for Engineering Functional Antibody Nanoparticles. Chemistry of Materials, 2022, 34, 3694-3704.	6.7	4
3	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
4	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
5	Collagenâ€Targeted Peptides for Molecular Imaging of Diffuse Cardiac Fibrosis. Journal of the American Heart Association, 2021, 10, e022139.	3.7	8
6	Stealth nanorods via the aqueous living crystallisation-driven self-assembly of poly(2-oxazoline)s. Chemical Science, 2021, 12, 7350-7360.	7.4	35
7	Collagen-Targeted Theranostic Nanosponges for Delivery of the Matrix Metalloproteinase 14 Inhibitor Naphthofluorescein. Chemistry of Materials, 2020, 32, 3707-3714.	6.7	11
8	Ligand-Functionalized Poly(ethylene glycol) Particles for Tumor Targeting and Intracellular Uptake. Biomacromolecules, 2019, 20, 3592-3600.	5.4	31
9	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
10	Engineering Antibodies with C-Terminal Sortase-Mediated Modification for Targeted Nanomedicine. Methods in Molecular Biology, 2019, 2033, 67-80.	0.9	5
11	Magnetic fibrinolysis: putting the therapeutic wheels in a corkscrew motion. Journal of Thrombosis and Haemostasis, 2018, 16, 615-617.	3.8	6
12	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
13	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
14	Selfâ€Assembled Nanoparticles from Phenolic Derivatives for Cancer Therapy. Advanced Healthcare Materials, 2017, 6, 1700467.	7.6	71
15	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
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	Highly Sensitive Detection of Minimal Cardiac Ischemia using Positron Emission Tomography Imaging of Activated Platelets. Scientific Reports, 2016, 6, 38161.	3.3	39
18	Polymer Capsules for Plaqueâ€Targeted In Vivo Delivery. Advanced Materials, 2016, 28, 7703-7707.	21.0	29

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19	Multifunctional Thrombinâ€Activatable Polymer Capsules for Specific Targeting to Activated Platelets. Advanced Materials, 2015, 27, 5153-5157.	21.0	73
20	Boronateâ€“Phenolic Network Capsules with Dual Response to Acidic pH and cisâ€Diols. Advanced Healthcare Materials, 2015, 4, 1796-1801.	7.6	60
21	High Affinity Binders to EphA2 Isolated from Abdurin Scaffold Libraries; Characterization, Binding and Tumor Targeting. PLoS ONE, 2015, 10, e0135278.	2.5	13
22	Engineering Poly(ethylene glycol) Particles for Improved Biodistribution. ACS Nano, 2015, 9, 1571-1580.	14.6	148
23	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
24	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
25	Towards Effective and Safe Thrombolysis and Thromboprophylaxis. Circulation Research, 2014, 114, 1083-1093.	4.5	76
26	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
27	Engineering Multifunctional Capsules through the Assembly of Metalâ€“Phenolic Networks. Angewandte Chemie - International Edition, 2014, 53, 5546-5551.	13.8	781
28	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
29	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
30	Engineering Multifunctional Capsules through the Assembly of Metalâ€“Phenolic Networks. Angewandte Chemie, 2014, 126, 5652-5657.	2.0	111
31	Titelbild: Engineering Multifunctional Capsules through the Assembly of Metal-Phenolic Networks (Angew. Chem. 22/2014). Angewandte Chemie, 2014, 126, 5579-5579.	2.0	1
32	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
33	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
34	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
35	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
36	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

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37	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
38	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