

Andreas Maurer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	895 citations	16 h-index	28 g-index
56 ext. papers	1,151 ext. citations	6.4 avg, IF	4.11 L-index

#	Paper	IF	Citations
48	Cathepsin D: a cellular roadmap. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 376, 5-9	3.4	141
47	ImmunoPET/MR imaging allows specific detection of <i>Aspergillus fumigatus</i> lung infection in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1026-33	11.5	97
46	⁶⁴ Cu antibody-targeting of the T-cell receptor and subsequent internalization enables in vivo tracking of lymphocytes by PET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1161-6	11.5	58
45	Prospective isolation of mesenchymal stem cells from human bone marrow using novel antibodies directed against Sushi domain containing 2. <i>Stem Cells and Development</i> , 2013 , 22, 1944-54	4.4	53
44	Towards Translational ImmunoPET/MR Imaging of Invasive Pulmonary Aspergillosis: The Humanised Monoclonal Antibody JF5 Detects Lung Infections. <i>Theranostics</i> , 2017 , 7, 3398-3414	12.1	41
43	A Design of Experiments (DoE) Approach Accelerates the Optimization of Copper-Mediated F-Fluorination Reactions of Arylstannanes. <i>Scientific Reports</i> , 2019 , 9, 11370	4.9	38
42	Processing of laminin α chains generates peptides involved in wound healing and host defense. <i>Journal of Innate Immunity</i> , 2014 , 6, 467-84	6.9	35
41	The yin and yang of imaging tumor associated macrophages with PET and MRI. <i>Theranostics</i> , 2019 , 9, 7730-7748	12.1	33
40	Neutralization of (NK-cell-derived) B-cell activating factor by Belimumab restores sensitivity of chronic lymphoid leukemia cells to direct and Rituximab-induced NK lysis. <i>Leukemia</i> , 2015 , 29, 1676-83	10.7	28
39	The impact of weakly bound α on preclinical studies: non-specific accumulation in solid tumors and aspergillus infection. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 360-8	2.1	26
38	New pathogen-specific immunoPET/MR tracer for molecular imaging of a systemic bacterial infection. <i>Oncotarget</i> , 2016 , 7, 10990-1001	3.3	25
37	Symbiotic gut commensal bacteria act as host cathepsin S activity regulators. <i>Journal of Autoimmunity</i> , 2016 , 75, 82-95	15.5	23
36	Processing of CXCL12 by different osteoblast-secreted cathepsins. <i>Stem Cells and Development</i> , 2012 , 21, 1924-35	4.4	22
35	Visualization and quantification of homing kinetics of myeloid-derived suppressor cells in primary and metastatic cancer. <i>Theranostics</i> , 2019 , 9, 5869-5885	12.1	19
34	C Radiolabeling of anle253b: a Putative PET Tracer for Parkinson's Disease That Binds to α -Synuclein Fibrils in vitro and Crosses the Blood-Brain Barrier. <i>ChemMedChem</i> , 2020 , 15, 411-415	3.7	17
33	A periodate-cleavable linker for functional proteomics under slightly acidic conditions: application for the analysis of intracellular aspartic proteases. <i>Journal of Proteome Research</i> , 2013 , 12, 199-207	5.6	16
32	Indirect coating of RGD peptides using a poly-L-lysine spacer enhances jaw periosteal cell adhesion, proliferation, and differentiation into osteogenic tissue. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 2034-44	5.4	16

31	[C]MODAG-001-towards a PET tracer targeting β -synuclein aggregates. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1759-1772	8.8	16
30	New potential serum biomarkers in multiple sclerosis identified by proteomic strategies. <i>Current Medicinal Chemistry</i> , 2014 , 21, 1544-56	4.3	15
29	An IgG-based bispecific antibody for improved dual targeting in PSMA-positive cancer. <i>EMBO Molecular Medicine</i> , 2021 , 13, e11902	12	13
28	Pre-clinical Imaging of Invasive Candidiasis Using ImmunoPET/MR. <i>Frontiers in Microbiology</i> , 2018 , 9, 1996-7	5.7	13
27	Imaging fibrosis in inflammatory diseases: targeting the exposed extracellular matrix. <i>Theranostics</i> , 2019 , 9, 2868-2881	12.1	11
26	Alpha-Synuclein PET Tracer Development-An Overview about Current Efforts. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	11
25	PET/MRI enables simultaneous quantification of cell mass and function. <i>Theranostics</i> , 2020 , 10, 398-410	12.1	10
24	Antibody-guided in vivo imaging of <i>Aspergillus fumigatus</i> lung infections during antifungal azole treatment. <i>Nature Communications</i> , 2021 , 12, 1707	17.4	10
23	First protein and peptide characterization of the tarsal adhesive secretions in the desert locust, <i>Schistocerca gregaria</i> , and the Madagascar hissing cockroach, <i>Gromphadorhina portentosa</i> . <i>Insect Molecular Biology</i> , 2016 , 25, 541-9	3.4	10
22	Cysteine-type cathepsins promote the effector phase of acute cutaneous delayed-type hypersensitivity reactions. <i>Theranostics</i> , 2019 , 9, 3903-3917	12.1	9
21	Extracellular Cyclophilin A Augments Platelet-Dependent Thrombosis and Thromboinflammation. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 2063-2078	7	9
20	Correlation between positron emission tomography and Cerenkov luminescence imaging in vivo and ex vivo using ^{64}Cu -labeled antibodies in a neuroblastoma mouse model. <i>Oncotarget</i> , 2016 , 7, 67403-67411	3.3	9
19	Preclinical evaluation of the anti-tumor effects of the natural isoflavone genistein in two xenograft mouse models monitored by ^{18}F FDG, ^{18}F FLT, and ^{64}Cu NODAGA-cetuximab small animal PET. <i>Oncotarget</i> , 2016 , 7, 28247-61	3.3	9
18	^{67}Ga NOTA-Galactosyl Human Serum Albumin: a Tracer for Liver Function Imaging with Improved Stability. <i>Molecular Imaging and Biology</i> , 2017 , 19, 723-730	3.8	8
17	Comparison of the Accuracy of FMT/CT and PET/MRI for the Assessment of Antibody Biodistribution in Squamous Cell Carcinoma Xenografts. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 44-50	8.9	8
16	A novel approach for reliable detection of cathepsin S activities in mouse antigen presenting cells. <i>Journal of Immunological Methods</i> , 2016 , 432, 87-94	2.5	7
15	Development of a fluorescence resonance energy transfer peptide library technology for detection of protease contaminants in protein-based raw materials used in diagnostic assays. <i>Assay and Drug Development Technologies</i> , 2011 , 9, 549-53	2.1	7
14	Comparative immuno-Cerenkov luminescence and -PET imaging enables detection of PSMA tumors in mice using Cu -radiolabeled monoclonal antibodies. <i>Applied Radiation and Isotopes</i> , 2019 , 143, 149-155	1.7	6

13	Scalable F processing conditions for copper-mediated radiofluorination chemistry facilitate DoE optimization studies and afford an improved synthesis of [F]olaparib. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 6995-7000	3.9	5
12	Murine Lymphocyte Labeling by ⁶⁴ Cu-Antibody Receptor Targeting for In Vivo Cell Trafficking by PET/CT. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	2
11	Covalent F-Radiotracers for SNAPTag: A New Toolbox for Reporter Gene Imaging. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
10	Pepstatin pull-down at high pH is a powerful tool for detection and analysis of napsin A. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 515, 145-148	3.4	1
9	Grassystatin-derived peptides selectively inhibit cathepsin E and have low affinity to cathepsin D. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 527, 238-241	3.4	1
8	DoE Optimization Empowers the Automated Preparation of Enantiomerically Pure [F]Talazoparib and its Evaluation as a PARP Radiotracer. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 15690-15701	8.3	1
7	Assessment of Proteolytic Activities in the Bone Marrow Microenvironment. <i>Methods in Molecular Biology</i> , 2019 , 2017, 149-163	1.4	1
6	Acetuino-A Handy Open-Source Radiochemistry Module for the Preparation of [1-C]Acetate. <i>SLAS Technology</i> , 2019 , 24, 321-329	3	1
5	Single-domain antibodies for targeting, detection and in vivo imaging of human CD4+ cells		1
4	Two experts and a newbie: [F]PARPi vs [F]FTT vs [F]FPyPARP-a comparison of PARP imaging agents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	1
3	Striatal and prefrontal D2R and SERT distributions contrastingly correlate with default-mode connectivity. <i>NeuroImage</i> , 2021 , 243, 118501	7.9	1
2	Single-Domain Antibodies for Targeting, Detection, and Imaging of Human CD4 Cells.. <i>Frontiers in Immunology</i> , 2021 , 12, 799910	8.4	0
1	Activation-Induced Release of the TNF-Family Member BAFF By NK Cells Facilitates Resistance of Chronic Lymphoid Leukemia Cells to Direct and Rituximab-Induced NK Lysis. <i>Blood</i> , 2014 , 124, 1963-1963 ^{2,2}		