Andreas Maurer

List of Publications by Year in Descending Order

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	An IgG-based bispecific antibody for improved dual targeting in PSMA-positive cancer. *EMBO Molecular Medicine*, **2021**, 13, e11902	12	13
47	DoE Optimization Empowers the Automated Preparation of Enantiomerically Pure [F]Talazoparib and its Evaluation as a PARP Radiotracer. *Journal of Medicinal Chemistry*, **2021**, 64, 15690-15701	8.3	1
46	[C]MODAG-001-towards a PET tracer targeting □synuclein aggregates. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 48, 1759-1772	8.8	16
45	Antibody-guided in vivo imaging of Aspergillus fumigatus lung infections during antifungal azole treatment. *Nature Communications*, **2021**, 12, 1707	17.4	10
44	Scalable F processing conditions for copper-mediated radiofluorination chemistry facilitate DoE optimization studies and afford an improved synthesis of [F]olaparib. *Organic and Biomolecular Chemistry*, **2021**, 19, 6995-7000	3.9	5
43	Alpha-Synuclein PET Tracer Development-An Overview about Current Efforts. *Pharmaceuticals*, **2021**, 14,	5.2	11
42	Two experts and a newbie: [F]PARPi vs [F]FTT vs [F]FPyPARP-a comparison of PARP imaging agents. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 1	8.8	1
41	Covalent F-Radiotracers for SNAPTag: A New Toolbox for Reporter Gene Imaging. *Pharmaceuticals*, **2021**, 14,	5.2	2
40	Striatal and prefrontal D2R and SERT distributions contrastingly correlate with default-mode connectivity. *NeuroImage*, **2021**, 243, 118501	7.9	1
39	Single-Domain Antibodies for Targeting, Detection, and Imaging of Human CD4 Cells.. *Frontiers in Immunology*, **2021**, 12, 799910	8.4	0
38	Grassystatin-derived peptides selectively inhibit cathepsin E and have low affinity to cathepsin D. *Biochemical and Biophysical Research Communications*, **2020**, 527, 238-241	3.4	1
37	PET/MRI enables simultaneous quantification of □cell mass and function. *Theranostics*, **2020**, 10, 398-410	12.1	10
36	C Radiolabeling of anle253b: a Putative PET Tracer for Parkinson□s Disease That Binds to □Synuclein Fibrils in vitro and Crosses the Blood-Brain Barrier. *ChemMedChem*, **2020**, 15, 411-415	3.7	17
35	Cysteine-type cathepsins promote the effector phase of acute cutaneous delayed-type hypersensitivity reactions. *Theranostics*, **2019**, 9, 3903-3917	12.1	9
34	Pepstatin pull-down at high pH is a powerful tool for detection and analysis of napsin A. *Biochemical and Biophysical Research Communications*, **2019**, 515, 145-148	3.4	1
33	Imaging fibrosis in inflammatory diseases: targeting the exposed extracellular matrix. *Theranostics*, **2019**, 9, 2868-2881	12.1	11
32	A Design of Experiments (DoE) Approach Accelerates the Optimization of Copper-Mediated F-Fluorination Reactions of Arylstannanes. *Scientific Reports*, **2019**, 9, 11370	4.9	38

31	The yin and yang of imaging tumor associated macrophages with PET and MRI. *Theranostics*, **2019**, 9, 7730-7748	12.1	33
30	Assessment of Proteolytic Activities in the Bone Marrow Microenvironment. *Methods in Molecular Biology*, **2019**, 2017, 149-163	1.4	1
29	Visualization and quantification of homing kinetics of myeloid-derived suppressor cells in primary and metastatic cancer. *Theranostics*, **2019**, 9, 5869-5885	12.1	19
28	Comparative immuno-Cerenkov luminescence and -PET imaging enables detection of PSMA tumors in mice using Cu-radiolabeled monoclonal antibodies. *Applied Radiation and Isotopes*, **2019**, 143, 149-155	1.7	6
27	Acetuino-A Handy Open-Source Radiochemistry Module for the Preparation of [1-C]Acetate. *SLAS Technology*, **2019**, 24, 321-329	3	1
26	Comparison of the Accuracy of FMT/CT and PET/MRI for the Assessment of Antibody Biodistribution in Squamous Cell Carcinoma Xenografts. *Journal of Nuclear Medicine*, **2018**, 59, 44-50	8.9	8
25	Pre-clinical Imaging of Invasive Candidiasis Using ImmunoPET/MR. *Frontiers in Microbiology*, **2018**, 9, 1996	5.7	13
24	[Ga]NOTA-Galactosyl Human Serum Albumin: a Tracer for Liver Function Imaging with Improved Stability. *Molecular Imaging and Biology*, **2017**, 19, 723-730	3.8	8
23	Towards Translational ImmunoPET/MR Imaging of Invasive Pulmonary Aspergillosis: The Humanised Monoclonal Antibody JF5 Detects Lung Infections. *Theranostics*, **2017**, 7, 3398-3414	12.1	41
22	Murine Lymphocyte Labeling by 64Cu-Antibody Receptor Targeting for In Vivo Cell Trafficking by PET/CT. *Journal of Visualized Experiments*, **2017**,	1.6	2
21	Extracellular Cyclophilin A Augments Platelet-Dependent Thrombosis and Thromboinflammation. *Thrombosis and Haemostasis*, **2017**, 117, 2063-2078	7	9
20	A novel approach for reliable detection of cathepsin S activities in mouse antigen presenting cells. *Journal of Immunological Methods*, **2016**, 432, 87-94	2.5	7
19	ImmunoPET/MR imaging allows specific detection of Aspergillus fumigatus lung infection in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E1026-33	11.5	97
18	Correlation between positron emission tomography and Cerenkov luminescence imaging in vivo and ex vivo using 64Cu-labeled antibodies in a neuroblastoma mouse model. *Oncotarget*, **2016**, 7, 67403-67411	3.3	19
17	New pathogen-specific immunoPET/MR tracer for molecular imaging of a systemic bacterial infection. *Oncotarget*, **2016**, 7, 10990-1001	3.3	25
16	Preclinical evaluation of the anti-tumor effects of the natural isoflavone genistein in two xenograft mouse models monitored by [18F]FDG, [18F]FLT, and [64Cu]NODAGA-cetuximab small animal PET. *Oncotarget*, **2016**, 7, 28247-61	3.3	9
15	First protein and peptide characterization of the tarsal adhesive secretions in the desert locust, Schistocerca gregaria, and the Madagascar hissing cockroach, Gromphadorhina portentosa. *Insect Molecular Biology*, **2016**, 25, 541-9	3.4	10
14	Symbiotic gut commensal bacteria act as host cathepsin S activity regulators. *Journal of Autoimmunity*, **2016**, 75, 82-95	15.5	23

13	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. *Leukemia*, **2015**, 29, 1676-83	10.7	28
12	The impact of weakly bound 177Lu on preclinical studies: non-specific accumulation in solid tumors and aspergillus infection. *Nuclear Medicine and Biology*, **2015**, 42, 360-8	2.1	26
11	64Cu antibody-targeting of the T-cell receptor and subsequent internalization enables in vivo tracking of lymphocytes by PET. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 1161-6	11.5	58
10	Processing of laminin γ2 chains generates peptides involved in wound healing and host defense. *Journal of Innate Immunity*, **2014**, 6, 467-84	6.9	35
9	New poteintial serum biomarkers in multiple sclerosis identified by proteomic strategies. *Current Medicinal Chemistry*, **2014**, 21, 1544-56	4.3	15
8	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. *Blood*, **2014**, 124, 1963-1963	2.2	
7	A periodate-cleavable linker for functional proteomics under slightly acidic conditions: application for the analysis of intracellular aspartic proteases. *Journal of Proteome Research*, **2013**, 12, 199-207	5.6	16
6	Prospective isolation of mesenchymal stem cells from human bone marrow using novel antibodies directed against Sushi domain containing 2. *Stem Cells and Development*, **2013**, 22, 1944-54	4.4	53
5	Indirect coating of RGD peptides using a poly-L-lysine spacer enhances jaw periosteal cell adhesion, proliferation, and differentiation into osteogenic tissue. *Journal of Biomedical Materials Research - Part A*, **2012**, 100, 2034-44	5.4	16
4	Processing of CXCL12 by different osteoblast-secreted cathepsins. *Stem Cells and Development*, **2012**, 21, 1924-35	4.4	22
3	Development of a fluorescence resonance energy transfer peptide library technology for detection of protease contaminants in protein-based raw materials used in diagnostic assays. *Assay and Drug Development Technologies*, **2011**, 9, 549-53	2.1	7
2	Cathepsin D: a cellular roadmap. *Biochemical and Biophysical Research Communications*, **2008**, 376, 5-9	3.4	141
1	Single-domain antibodies for targeting, detection and in vivo imaging of human CD4+ cells		1