Susanne Kossatz

List of Publications by Citations

53 papers	1,144 citations	19 h-index	32 g-index
57 ext. papers	1,524 ext. citations	7.2 avg, IF	4.38 L-index

#	Paper	IF	Citations
53	Efficient treatment of breast cancer xenografts with multifunctionalized iron oxide nanoparticles combining magnetic hyperthermia and anti-cancer drug delivery. *Breast Cancer Research*, **2015**, 17, 66	8.3	183
52	High therapeutic efficiency of magnetic hyperthermia in xenograft models achieved with moderate temperature dosages in the tumor area. *Pharmaceutical Research*, **2014**, 31, 3274-88	4.5	100
51	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. *Immunity*, **2018**, 49, 819-828.e6	32.3	95
50	Molecular Imaging of PARP. *Journal of Nuclear Medicine*, **2017**, 58, 1025-1030	8.9	57
49	Target engagement imaging of PARP inhibitors in small-cell lung cancer. *Nature Communications*, **2018**, 9, 176	17.4	53
48	Non-invasive PET Imaging of PARP1 Expression in Glioblastoma Models. *Molecular Imaging and Biology*, **2016**, 18, 386-92	3.8	48
47	Dual-Modality Optical/PET Imaging of PARP1 in Glioblastoma. *Molecular Imaging and Biology*, **2015**, 17, 848-55	3.8	46
46	Detection and delineation of oral cancer with a PARP1 targeted optical imaging agent. *Scientific Reports*, **2016**, 6, 21371	4.9	46
45	Targeted Brain Tumor Radiotherapy Using an Auger Emitter. *Clinical Cancer Research*, **2020**, 26, 2871-2881	11.9	37
44	Radioiodinated PARP1 tracers for glioblastoma imaging. *EJNMMI Research*, **2015**, 5, 123	3.6	33
43	PARP-1-Targeted Radiotherapy in Mouse Models of Glioblastoma. *Journal of Nuclear Medicine*, **2018**, 59, 1225-1233	8.9	28
42	Prospective Study of the Radiolabeled GRPR Antagonist BAY86-7548 for Positron Emission Tomography/Computed Tomography Imaging of Newly Diagnosed Prostate Cancer. *European Urology Oncology*, **2019**, 2, 166-173	6.7	26
41	Validation of the use of a fluorescent PARP1 inhibitor for the detection of oral, oropharyngeal and oesophageal epithelial cancers. *Nature Biomedical Engineering*, **2020**, 4, 272-285	19	25
40	Targeted PET imaging strategy to differentiate malignant from inflamed lymph nodes in diffuse large B-cell lymphoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E7441-E7449	11.5	22
39	Optical Imaging of PARP1 in Response to Radiation in Oral Squamous Cell Carcinoma. *PLoS ONE*, **2016**, 11, e0147752	3.7	22
38	Multifactorial diagnostic NIR imaging of CCK2R expressing tumors. *Biomaterials*, **2013**, 34, 5172-80	15.6	21
37	Synthesis of a Fluorescently Labeled Ga-DOTA-TOC Analog for Somatostatin Receptor Targeting. *ACS Medicinal Chemistry Letters*, **2017**, 8, 720-725	4.3	20

36	Optical Imaging Modalities: Principles and Applications in Preclinical Research and Clinical Settings. *Journal of Nuclear Medicine*, **2020**, 61, 1419-1427	8.9	20
35	RGD-Binding Integrins Revisited: How Recently Discovered Functions and Novel Synthetic Ligands (Re-)Shape an Ever-Evolving Field. *Cancers*, **2021**, 13,	6.6	20
34	Biomarker-Based PET Imaging of Diffuse Intrinsic Pontine Glioma in Mouse Models. *Cancer Research*, **2017**, 77, 2112-2123	10.1	18
33	Specific Targeting of Somatostatin Receptor Subtype-2 for Fluorescence-Guided Surgery. *Clinical Cancer Research*, **2019**, 25, 4332-4342	12.9	15
32	Current Practice and Emerging Molecular Imaging Technologies in Oral Cancer Screening. *Molecular Imaging*, **2018**, 17, 1536012118808644	3.7	15
31	An Zr-HDL PET Tracer Monitors Response to a CSF1R Inhibitor. *Journal of Nuclear Medicine*, **2020**, 61, 433-436	8.9	14
30	Acid specific dark quencher QC1 pHLIP for multi-spectral optoacoustic diagnoses of breast cancer. *Scientific Reports*, **2019**, 9, 8550	4.9	12
29	Click-Chemistry (CuAAC) Trimerization of an □Integrin Targeting Ga-68-Peptide: Enhanced Contrast for in-Vivo PET Imaging of Human Lung Adenocarcinoma Xenografts. *ChemBioChem*, **2020**, 21, 2836-2843	3.8	12
28	Selective imaging of chronic cardiac rejection using a human antibody specific to the alternatively spliced EDA domain of fibronectin. *Journal of Heart and Lung Transplantation*, **2013**, 32, 641-50	5.8	12
27	Nanoemulsion-Based Delivery of Fluorescent PARP Inhibitors in Mouse Models of Small Cell Lung Cancer. *Bioconjugate Chemistry*, **2018**, 29, 3776-3782	6.3	12
26	Advancements in PARP1 Targeted Nuclear Imaging and Theranostic Probes. *Journal of Clinical Medicine*, **2020**, 9,	5.1	11
25	Detection and Delineation of Oral Cancer With a PARP1-Targeted Optical Imaging Agent. *Molecular Imaging*, **2017**, 16, 1536012117723786	3.7	11
24	Optical imaging of CCK□gastrin receptor-positive tumors with a minigastrin near-infrared probe. *Investigative Radiology*, **2011**, 46, 196-201	10.1	11
23	Fluorescence Imaging of Peripheral Nerves by a Na1.7-Targeted Inhibitor Cystine Knot Peptide. *Bioconjugate Chemistry*, **2019**, 30, 2879-2888	6.3	10
22	Fluorine-18 labeled poly (ADP-ribose) polymerase1 inhibitor as a potential alternative to 2-deoxy-2-[F]fluoro-d-glucose positron emission tomography in oral cancer imaging. *Nuclear Medicine and Biology*, **2020**, 84-85, 80-87	2.1	9
21	Direct Imaging of Drug Distribution and Target Engagement of the PARP Inhibitor Rucaparib. *Journal of Nuclear Medicine*, **2018**, 59, 1316-1320	8.9	9
20	Discriminating radiation injury from recurrent tumor with [F]PARPi and amino acid PET in mouse models. *EJNMMI Research*, **2018**, 8, 59	3.6	9
19	Positron-Emission Tomographic Imaging of a Fluorine 18-Radiolabeled Poly(ADP-Ribose) Polymerase 1 Inhibitor Monitors the Therapeutic Efficacy of Talazoparib in SCLC Patient-Derived Xenografts. *Journal of Thoracic Oncology*, **2019**, 14, 1743-1752	8.9	8

18	Fluorescence-guided resection of tumors in mouse models of oral cancer. *Scientific Reports*, **2020**, 10, 11175	4.9	8
17	cis-Tetrachlorido-bis(indazole)osmium(iv) and its osmium(iii) analogues: paving the way towards the cis-isomer of the ruthenium anticancer drugs KP1019 and/or NKP1339. *Dalton Transactions*, **2017**, 46, 11925-11941	4.3	8
16	PARP1 as a biomarker for early detection and intraoperative tumor delineation in epithelial cancers first-in-human results		6
15	A phase I study of a PARP1-targeted topical fluorophore for the detection of oral cancer. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 48, 3618-3630	8.8	6
14	Preclinical and first-in-human-brain-cancer applications of [F]poly (ADP-ribose) polymerase inhibitor PET/MR. *Neuro-Oncology Advances*, **2020**, 2, vdaa119	0.9	5
13	Influence of d-glutamine and d-glutamic acid sequences in optical peptide probes targeted against the cholecystokinin-2/gastrin-receptor on binding affinity, specificity and pharmacokinetic properties. *EJNMMI Research*, **2013**, 3, 75	3.6	4
12	The organometallic ferrocene exhibits amplified anti-tumor activity by targeted delivery via highly selective ligands to , , or integrins. *Biomaterials*, **2021**, 271, 120754	15.6	3
11	PET/CT imaging of head-and-neck and pancreatic cancer in humans by targeting the "Cancer Integrin" with Ga-68-Trivehexin. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 1	8.8	3
10	Combined PARP1-targeted nuclear contrast and reflectance contrast enhances confocal microscopic detection of basal cell carcinoma. *Journal of Nuclear Medicine*, **2021**,	8.9	2
9	Targeted brain tumor radiotherapy using an Auger emitter		2
8	Identification of adeno-associated virus variants for gene transfer into human neural cell types by parallel capsid screening.. *Scientific Reports*, **2022**, 12, 8356	4.9	2
7	Inhibition of Microtubule Dynamics in Cancer Cells by Indole-Modified Latonduine Derivatives and Their Metal Complexes.. *Inorganic Chemistry*, **2022**,	5.1	1
6	A Phase I Study of a PARP1-targeted Topical Fluorophore for the Detection of Oral Cancer		1
5	PARP1: A Potential Molecular Marker to Identify Cancer During Colposcopy Procedures. *Journal of Nuclear Medicine*, **2021**, 62, 941-948	8.9	1
4	DNA Repair Enzyme Poly(ADP-Ribose) Polymerase 1/2 (PARP1/2)-Targeted Nuclear Imaging and Radiotherapy.. *Cancers*, **2022**, 14,	6.6	1
3	There is a world beyond -integrin: Multimeric ligands for imaging of the integrin subtypes , , , and by positron emission tomography. *EJNMMI Research*, **2021**, 11, 106	3.6	0
2	NIR Fluorescence Imaging of Colon Cancer with cRGD-ZW800-1-Letter. *Clinical Cancer Research*, **2021**, 27, 4937	12.9	0
1	Frischer Wind f Integrine. *Chinese Journal of Polymer Science (English Edition)*, **2021**, 44, 152-159	0.1	