

Yann Seimbille

List of Publications by Year in descending order

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53
papers

2,042
citations

448610

19
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274796

44
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57
all docs

57
docs citations

57
times ranked

3661
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Complete Tumor Resection: Novel Dual-Modality Probes for Improved Image-Guided Surgery of GRPR-Expressing Prostate Cancer. <i>Pharmaceutics</i> , 2022, 14, 195.	2.0	6
2	Improved Multimodal Tumor Necrosis Imaging with IRDye800CW-DOTA Conjugated to an Albumin-Binding Domain. <i>Cancers</i> , 2022, 14, 861.	1.7	0
3	New Developments in Carbonic Anhydrase IX-Targeted Fluorescence and Nuclear Imaging Agents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6125.	1.8	5
4	Pharmacological evaluation of imidazole-derived bisphosphonates on receptor activator of nuclear factor- κ B ligand-induced osteoclast differentiation and function. <i>Chemical Biology and Drug Design</i> , 2021, 97, 121-133.	1.5	3
5	Cancer-Associated Fibroblasts as Players in Cancer Development and Progression and Their Role in Targeted Radionuclide Imaging and Therapy. <i>Cancers</i> , 2021, 13, 1100.	1.7	35
6	Development of [^{225}Ac]Ac-PSMA-I&T for Targeted Alpha Therapy According to GMP Guidelines for Treatment of mCRPC. <i>Pharmaceutics</i> , 2021, 13, 715.	2.0	28
7	Necrosis binding of Ac-Lys0(IRDye800CW)-Tyr3-octreotate: a consequence from cyanine-labeling of small molecules. <i>EJNMMI Research</i> , 2021, 11, 47.	1.1	5
8	IEDDA: An Attractive Bioorthogonal Reaction for Biomedical Applications. <i>Molecules</i> , 2021, 26, 4640.	1.7	28
9	EANM guideline for harmonisation on molar activity or specific activity of radiopharmaceuticals: impact on safety and imaging quality. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 34.	1.8	26
10	Tumor Microenvironment Responsive "Head-to-Foot" Self-Assembly Nanoplatfrom for Positron Emission Tomography Imaging in Living Subjects. <i>ACS Nano</i> , 2021, 15, 18250-18259.	7.3	12
11	In Vivo Evaluation of Gallium-68-Labeled IRDye800CW as a Necrosis Avid Contrast Agent in Solid Tumors. <i>Contrast Media and Molecular Imaging</i> , 2021, 2021, 1-8.	0.4	3
12	A novel clickable MSAP agent for dual fluorescence/nuclear labeling of biovectors. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6134-6139.	1.5	4
13	Radiofluorinated Smart Probes for Noninvasive PET Imaging of Legumain Activity in Living Subjects. <i>Analytical Chemistry</i> , 2020, 92, 11627-11634.	3.2	12
14	Higher availability of $\alpha 4\beta 2$ nicotinic receptors (nAChRs) in dorsal ACC is linked to more efficient interference control. <i>NeuroImage</i> , 2020, 214, 116729.	2.1	6
15	In Vivo Evaluation of Indium-111 Labeled 800CW as a Necrosis-Avid Contrast Agent. <i>Molecular Imaging and Biology</i> , 2020, 22, 1333-1341.	1.3	6
16	Therapeutic Applications of Pretargeting. <i>Pharmaceutics</i> , 2019, 11, 434.	2.0	38
17	Rational design of caspase-responsive smart molecular probe for positron emission tomography imaging of drug-induced apoptosis. <i>Theranostics</i> , 2019, 9, 6962-6975.	4.6	24
18	A Flexible Synthesis of ^{68}Ga -Labeled Carbonic Anhydrase IX (CAIX)-Targeted Molecules via CBT/1,2-Aminothiols Click Reaction. <i>Molecules</i> , 2019, 24, 23.	1.7	27

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19	Nicotinic receptor abnormalities as a biomarker in idiopathic generalized epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 385-395.	3.3	14
20	Early-Stage Incorporation Strategy for Regioselective Labeling of Peptides using the 2-Cyanobenzothiazole/1,2-Aminothiols Bioorthogonal Click Reaction. <i>ChemistryOpen</i> , 2018, 7, 256-261.	0.9	11
21	Early-Stage Incorporation Strategy for Regioselective Labeling of Peptides using the 2-Cyanobenzothiazole/1,2-Aminothiols Bioorthogonal Click Reaction. <i>ChemistryOpen</i> , 2018, 7, 214-214.	0.9	0
22	Two bifunctional desferrioxamine chelators for bioorthogonal labeling of biovectors with zirconium-89. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5102-5106.	1.5	8
23	Long-term Results of a Comparative PET/CT and PET/MRI Study of ¹¹ C-Acetate and ¹⁸ F-Fluorocholine for Restaging of Early Recurrent Prostate Cancer. <i>Clinical Nuclear Medicine</i> , 2017, 42, e242-e246.	0.7	15
24	Preclinical validations of [¹⁸ F]FPyPEGCBT-c(RGDfK): a ¹⁸ F-labelled RGD peptide prepared by ligation of 2-cyanobenzothiazole and 1,2-aminothiol to image angiogenesis. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017, 1, 16.	1.8	5
25	[¹¹ C]acetate and PET/CT assessment of muscle activation in rat studies. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 733-743.	1.7	0
26	Role of MIF/CD74 signaling pathway in the development of pleural mesothelioma. <i>Oncotarget</i> , 2016, 7, 11512-11525.	0.8	10
27	A novel 2-cyanobenzothiazole-based ¹⁸ F prosthetic group for conjugation to 1,2-aminothiol-bearing targeting vectors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3667-3676.	1.5	19
28	Study of rat skeletal muscle activation by PET/CT and [¹¹ C]acetate. , 2015, , .		0
29	Gut Microbiota Orchestrates Energy Homeostasis during Cold. <i>Cell</i> , 2015, 163, 1360-1374.	13.5	581
30	Microbiota depletion promotes browning of white adipose tissue and reduces obesity. <i>Nature Medicine</i> , 2015, 21, 1497-1501.	15.2	324
31	PET Molecular Imaging of Hypoxia in Ischemic Stroke: An Update. <i>Current Vascular Pharmacology</i> , 2015, 13, 209-217.	0.8	12
32	First imaging results of an intraindividual comparison of ¹¹ C-acetate and ¹⁸ F-fluorocholine PET/CT in patients with prostate cancer at early biochemical first or second relapse after prostatectomy or radiotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 68-78.	3.3	46
33	Synthesis of a non-peptidic PET tracer designed for $\alpha_5\beta_1$ integrin receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 365-370.	0.5	2
34	Study of skeletal muscle behavior by PET/MRI. , 2014, , .		2
35	PET Radiotracers for Molecular Imaging in Dementia. <i>Current Radiopharmaceuticals</i> , 2014, 6, 215-230.	0.3	8
36	Synthesis and in vitro evaluation of a novel radioligand for $\alpha_5\beta_1$ integrin receptor imaging: [¹⁸ F]FPPA-c(RGDfK). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6068-6072.	1.0	7

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37	Matching between regional coronary vasodilator capacity and corresponding circumferential strain in individuals with normal and increasing body weight. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 693-703.	1.4	4
38	[11C]acetate PET/CT Visualizes Skeletal Muscle Exercise Participation, Impaired Function, and Recovery after Hip Arthroplasty; First Results. <i>Molecular Imaging and Biology</i> , 2011, 13, 793-799.	1.3	6
39	Elevated endocannabinoid plasma levels are associated with coronary circulatory dysfunction in obesity. <i>European Heart Journal</i> , 2011, 32, 1369-1378.	1.0	123
40	Structural epicardial disease and microvascular function are determinants of an abnormal longitudinal myocardial blood flow difference in cardiovascular risk individuals as determined with PET/CT. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 1023-1033.	1.4	28
41	Combined evaluation of myocardial perfusion and coronary morphology in the identification of subclinical CAD. <i>Nuklearmedizin - NuclearMedicine</i> , 2010, 49, 173-182.	0.3	3
42	High efficiency production and purification of ⁸⁶ Y based on electrochemical separation. <i>Applied Radiation and Isotopes</i> , 2009, 67, 523-529.	0.7	26
43	Evaluation of [¹⁸ F]gefitinib as a molecular imaging probe for the assessment of the epidermal growth factor receptor status in malignant tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1089-1099.	3.3	104
44	Synthesis and liposome encapsulation of a novel ¹⁸ F-conjugate of α -conotoxin GVIA for the potential imaging of N-type Ca ²⁺ channels in the brain by positron emission tomography. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2006, 49, 269-283.	0.5	13
45	Monitoring Tumor Glucose Utilization by Positron Emission Tomography for the Prediction of Treatment Response to Epidermal Growth Factor Receptor Kinase Inhibitors. <i>Clinical Cancer Research</i> , 2006, 12, 5659-5667.	3.2	199
46	Synthesis of an ¹⁸ F-fluorobenzoate idarubicin derivative as new potential PET radiotracer to predict chemotherapy resistance. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2005, 48, 819-827.	0.5	7
47	Fluorine-18 labeling of 6,7-disubstituted anilinoquinazoline derivatives for positron emission tomography (PET) imaging of tyrosine kinase receptors: synthesis of ¹⁸ F-iresa and related molecular probes. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2005, 48, 829-843.	0.5	43
48	Impact on estrogen receptor binding and target tissue uptake of [¹⁸ F]fluorine substitution at the 16 β -position of fulvestrant (faslodex; ICI 182,780). <i>Nuclear Medicine and Biology</i> , 2004, 31, 691-698.	0.3	28
49	Synthesis of 16 β -fluoro ICI 182,780 derivatives: powerful antiestrogens to image estrogen receptor densities in breast cancer by positron emission tomography. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2275-2281.	1.3	16
50	¹⁸ F-labeled difluoroestradiols: preparation and preclinical evaluation as estrogen receptor-binding radiopharmaceuticals. <i>Steroids</i> , 2002, 67, 765-775.	0.8	68
51	Synthesis of 2,16 β - and 4,16 β -difluoroestradiols and their 11 β -methoxy derivatives as potential estrogen receptor-binding radiopharmaceuticals. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 657-663.	1.3	26
52	Gamma radiation effects on potassium pertechnetate in carbonate media. <i>Applied Radiation and Isotopes</i> , 2001, 54, 45-51.	0.7	13
53	Synthesis of 2, 16 β - and 4, 16 β -[¹⁸ F]difluoroestradiols and their 11 β -methoxy derivatives for estrogen receptor imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, S348.	0.5	3