Ralf Schirrmacher

List of Publications by Citations

114 papers	2,845 citations	32 h-index	48 g-index
118 ext. papers	3,178 ext. citations	5.1 avg, IF	4.84 L-index

#	Paper	IF	Citations
114	18F-labeling of peptides by means of an organosilicon-based fluoride acceptor. *Angewandte Chemie - International Edition*, **2006**, 45, 6047-50	16.4	174
113	Recent Developments and Trends in 18F-Radiochemistry: Syntheses and Applications. *Mini-Reviews in Organic Chemistry*, **2007**, 4, 317-329	1.7	105
112	The temporal dynamics of poststroke neuroinflammation: a longitudinal diffusion tensor imaging-guided PET study with 11C-PK11195 in acute subcortical stroke. *Journal of Nuclear Medicine*, **2010**, 51, 1404-12	8.9	99
111	Where in-vivo imaging meets cytoarchitectonics: the relationship between cortical thickness and neuronal density measured with high-resolution [18F]flumazenil-PET. *NeuroImage*, **2011**, 56, 951-60	7.9	96
110	Synthesis of p-(di-tert-butyl[(18)F]fluorosilyl)benzaldehyde ([(18)F]SiFA-A) with high specific activity by isotopic exchange: a convenient labeling synthon for the (18)F-labeling of N-amino-oxy derivatized peptides. *Bioconjugate Chemistry*, **2007**, 18, 2085-9	6.3	89
109	(89)Zr, a radiometal nuclide with high potential for molecular imaging with PET: chemistry, applications and remaining challenges. *Molecules*, **2013**, 18, 6469-90	4.8	82
108	Multimerization of cRGD peptides by click chemistry: synthetic strategies, chemical limitations, and influence on biological properties. *ChemBioChem*, **2010**, 11, 2168-81	3.8	74
107	One-step (18)F-labeling of peptides for positron emission tomography imaging using the SiFA methodology. *Nature Protocols*, **2012**, 7, 1946-55	18.8	72
106	In Vivo Evaluation of □F-SiFAlin-Modified TATE: A Potential Challenge for □a-DOTATATE, the Clinical Gold Standard for Somatostatin Receptor Imaging with PET. *Journal of Nuclear Medicine*, **2015**, 56, 1100-5	8.9	63
105	Parametric mapping of binding in human brain of D2 receptor ligands of different affinities. *Journal of Nuclear Medicine*, **2005**, 46, 964-72	8.9	60
104	One-step □F-labeling of carbohydrate-conjugated octreotate-derivatives containing a silicon-fluoride-acceptor (SiFA): in vitro and in vivo evaluation as tumor imaging agents for positron emission tomography (PET). *Bioconjugate Chemistry*, **2010**, 21, 2289-96	6.3	59
103	Kit-like 18F-labeling of proteins: synthesis of 4-(di-tert-butyl[18F]fluorosilyl)benzenethiol (Si[18F]FA-SH) labeled rat serum albumin for blood pool imaging with PET. *Bioconjugate Chemistry*, **2009**, 20, 317-21	6.3	59
102	From Unorthodox to Established: The Current Status of (18)F-Trifluoroborate- and (18)F-SiFA-Based Radiopharmaceuticals in PET Nuclear Imaging. *Bioconjugate Chemistry*, **2016**, 27, 267-79	6.3	55
101	para-Functionalized aryl-di-tert-butylfluorosilanes as potential labeling synthons for (18)F radiopharmaceuticals. *Chemistry - A European Journal*, **2009**, 15, 2140-7	4.8	52
100	Inhibition of O6-methylguanine-DNA methyltransferase by glucose-conjugated inhibitors: comparison with nonconjugated inhibitors and effect on fotemustine and temozolomide-induced cell death. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 311, 585-93	4.7	50
99	Establishment and functional validation of a structural homology model for human DNA methyltransferase 1. *Biochemical and Biophysical Research Communications*, **2003**, 306, 558-63	3.4	48
98	Rapid (18)F-labeling and loading of PEGylated gold nanoparticles for in vivo applications. *Bioconjugate Chemistry*, **2014**, 25, 1143-50	6.3	46

97	Bimodal imaging probes for combined PET and OI: recent developments and future directions for hybrid agent development. *BioMed Research International*, **2014**, 2014, 153741	3	45
96	A universally applicable 68Ga-labeling technique for proteins. *Journal of Nuclear Medicine*, **2011**, 52, 586-91	8.9	45
95	Oxalic acid supported Si-18F-radiofluorination: one-step radiosynthesis of N-succinimidyl 3-(di-tert-butyl[18F]fluorosilyl)benzoate ([18F]SiFB) for protein labeling. *Bioconjugate Chemistry*, **2012**, 23, 106-14	6.3	44
94	Opioid receptor PET reveals the psychobiologic correlates of reward processing. *Journal of Nuclear Medicine*, **2008**, 49, 1257-61	8.9	43
93	Generation of novel single-chain antibodies by phage-display technology to direct imaging agents highly selective to pancreatic beta- or alpha-cells in vivo. *Diabetes*, **2009**, 58, 2324-34	0.9	41
92	Synthesis and in vitro evaluation of biotinylated RG108: a high affinity compound for studying binding interactions with human DNA methyltransferases. *Bioconjugate Chemistry*, **2006**, 17, 261-6	6.3	41
91	[18F]azadibenzocyclooctyne ([18F]ADIBO): a biocompatible radioactive labeling synthon for peptides using catalyst free [3+2] cycloaddition. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 6987-91	2.9	40
90	Preparation of water-soluble maleimide-functionalized 3 nm gold nanoparticles: a new bioconjugation template. *Langmuir*, **2012**, 28, 5508-12	4	39
89	Efficient alkali iodide promoted 18F-fluoroethylations with 2-[18F]fluoroethyl tosylate and 1-bromo-2-[18F]fluoroethane. *Tetrahedron Letters*, **2003**, 44, 9165-9167	2	36
88	Recent Advances in F Radiochemistry: A Focus on B-F, Si-F, Al-F, and C-F Radiofluorination via Spirocyclic Iodonium Ylides. *Journal of Nuclear Medicine*, **2018**, 59, 568-572	8.9	35
87	Tropomyosin receptor kinase inhibitors: an updated patent review for 2010-2016 - Part II. *Expert Opinion on Therapeutic Patents*, **2017**, 27, 831-849	6.8	34
86	Improved work-up procedure for the production of [(18)F]flumazenil and first results of its use with a high-resolution research tomograph in human stroke. *Nuclear Medicine and Biology*, **2009**, 36, 721-7	2.1	34
85	Silicon-[18F]Fluorine Radiochemistry: Basics, Applications and Challenges. *Applied Sciences (Switzerland)*, **2012**, 2, 277-302	2.6	33
84	N-(4-(di-tert-butyl[18F]fluorosilyl)benzyl)-2-hydroxy-N,N-dimethylethylammonium bromide ([18F]SiFAN+Br) A novel lead compound for the development of hydrophilic SiFA-based prosthetic groups for 18F-labeling. *Journal of Fluorine Chemistry*, **2011**, 132, 27-34	2.1	32
83	Basal opioid receptor binding is associated with differences in sensory perception in healthy human subjects: a [18F]diprenorphine PET study. *NeuroImage*, **2010**, 49, 731-7	7.9	32
82	Synthesis and in vitro and in vivo evaluation of SiFA-tagged bombesin and RGD peptides as tumor imaging probes for positron emission tomography. *Bioconjugate Chemistry*, **2014**, 25, 738-49	6.3	31
81	PESIN multimerization improves receptor avidities and in vivo tumor targeting properties to GRPR-overexpressing tumors. *Bioconjugate Chemistry*, **2014**, 25, 489-500	6.3	30
80	-labeled silicon-based fluoride acceptors: potential opportunities for novel positron emitting radiopharmaceuticals. *BioMed Research International*, **2014**, 2014, 454503	3	30

79	Protein labeling with the labeling precursor [(18)F]SiFA-SH for positron emission tomography. *Nature Protocols*, **2012**, 7, 1964-9	18.8	30
78	Synthesis and in vitro evaluation of (S)-2-([11C]methoxy)-4-[3-methyl-1-(2-piperidine-1-yl-phenyl)-butyl-carbamoyl]-benzoic acid ([11C]methoxy-repaglinide): a potential beta-cell imaging agent. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 5205-9	2.9	30
77	A Nutritional Perspective of Ketogenic Diet in Cancer: A Narrative Review. *Journal of the Academy of Nutrition and Dietetics*, **2018**, 118, 668-688	3.9	29
76	Rapid in situ synthesis of [11C]methyl azide and its application in 11C click-chemistry. *Tetrahedron Letters*, **2008**, 49, 4824-4827	2	29
75	Tropomyosin receptor kinase inhibitors: an updated patent review for 2010-2016 - Part I. *Expert Opinion on Therapeutic Patents*, **2017**, 27, 733-751	6.8	27
74	Synthesis of [(18)F]SiFB: a prosthetic group for direct protein radiolabeling for application in positron emission tomography. *Nature Protocols*, **2012**, 7, 1956-63	18.8	27
73	External awareness and GABA--a multimodal imaging study combining fMRI and [18F]flumazenil-PET. *Human Brain Mapping*, **2014**, 35, 173-84	5.9	26
72	Synthesis of 131I-labeled glucose-conjugated inhibitors of O6-methylguanine-DNA methyltransferase (MGMT) and comparison with nonconjugated inhibitors as potential tools for in vivo MGMT imaging. *Journal of Medicinal Chemistry*, **2006**, 49, 263-72	8.3	26
71	Automated synthesis of PET radiotracers by copper-mediated F-fluorination of organoborons: Importance of the order of addition and competing protodeborylation. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2018**, 61, 228-236	1.9	26
70	Identification of [F]TRACK, a Fluorine-18-Labeled Tropomyosin Receptor Kinase (Trk) Inhibitor for PET Imaging. *Journal of Medicinal Chemistry*, **2018**, 61, 1737-1743	8.3	25
69	Small Prosthetic Groups in F-Radiochemistry: Useful Auxiliaries for the Design of F-PET Tracers. *Seminars in Nuclear Medicine*, **2017**, 47, 474-492	5.4	25
68	Synthesis of a Tyr3-octreotate conjugated closo-carborane [HC2B10H10]: a potential compound for boron neutron capture therapy. *Tetrahedron Letters*, **2003**, 44, 9143-9145	2	24
67	Synthesis of 3-chloro-6-((4-(di-tert-butyl[(18)F]fluorosilyl)-benzyl)oxy)-1,2,4,5-tetrazine ([(18)F]SiFA-OTz) for rapid tetrazine-based (18)F-radiolabeling. *Chemical Communications*, **2015**, 51, 12415-8	5.8	23
66	Facile Covalent Modification of a Highly Ordered Pyrolytic Graphite Surface via an Inverse Electron Demand Diels□Alder Reaction under Ambient Conditions. *Chemistry of Materials*, **2014**, 26, 5058-5062	9.6	23
65	5-(4-((4-[(18)F]Fluorobenzyl)oxy)-3-methoxybenzyl)pyrimidine-2,4-diamine: a selective dual inhibitor for potential PET imaging of Trk/CSF-1R. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 4784-90	2.9	22
64	DOTA derivatives for site-specific biomolecule-modification via click chemistry: synthesis and comparison of reaction characteristics. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 3864-74	3.4	22
63	Application of tris-allyl-DOTA in the preparation of DOTA□peptide conjugates. *Tetrahedron Letters*, **2006**, 47, 5985-5988	2	22
62	Synthesis of 2-amino-6-(2-[18F]fluoro-pyridine-4-ylmethoxy)-9-(octyl-□-d-glucosyl)-purine: a novel radioligand for positron emission tomography studies of the O6-methylguanine-DNA methyltransferase (MGMT) status of tumour tissue. *Tetrahedron Letters*, **2002**, 43, 6301-6304	2	22

61	Towards tropomyosin-related kinase B (TrkB) receptor ligands for brain imaging with PET: radiosynthesis and evaluation of 2-(4-[(18)F]fluorophenyl)-7,8-dihydroxy-4H-chromen-4-one and 2-(4-([N-methyl-(11)C]-dimethylamino)phenyl)-7,8-dihydroxy-4H-chromen-4-one. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 7816-29	3.4	20
60	Syntheses and evaluation of carbon-11- and fluorine-18-radiolabeled pan-tropomyosin receptor kinase (Trk) inhibitors: exploration of the 4-aza-2-oxindole scaffold as Trk PET imaging agents. *ACS Chemical Neuroscience*, **2015**, 6, 260-76	5.7	19
59	Recent Advances in the Development and Application of Radiolabeled Kinase Inhibitors for PET Imaging. *Molecules*, **2015**, 20, 22000-27	4.8	18
58	F-Radiolabeling and In Vivo Analysis of SiFA-Derivatized Polymeric Core-Shell Nanoparticles. *Bioconjugate Chemistry*, **2018**, 29, 89-95	6.3	17
57	Radiolabeled heterobivalent peptidic ligands: an approach with high future potential for in vivo imaging and therapy of malignant diseases. *ChemMedChem*, **2013**, 8, 883-90	3.7	16
56	Development of subnanomolar radiofluorinated (2-pyrrolidin-1-yl)imidazo[1,2-b]pyridazine pan-Trk inhibitors as candidate PET imaging probes. *MedChemComm*, **2015**, 6, 2184-2193	5	16
55	GABAA receptors predict aversion-related brain responses: an fMRI-PET investigation in healthy humans. *Neuropsychopharmacology*, **2013**, 38, 1438-50	8.7	16
54	t-Bu2SiF-derivatized D2-receptor ligands: the first SiFA-containing small molecule radiotracers for target-specific PET-imaging. *Molecules*, **2011**, 16, 7458-79	4.8	16
53	SiFA-Modified Phenylalanine: A Key Compound for the Efficient Synthesis of 18F-Labelled Peptides. *European Journal of Inorganic Chemistry*, **2011**, 2011, 2238-2246	2.3	16
52	GABA(A) receptors in visual and auditory cortex and neural activity changes during basic visual stimulation. *Frontiers in Human Neuroscience*, **2012**, 6, 337	3.3	15
51	Gastrin-Releasing Peptide Receptor- and Prostate-Specific Membrane Antigen-Specific Ultrasmall Gold Nanoparticles for Characterization and Diagnosis of Prostate Carcinoma via Fluorescence Imaging. *Bioconjugate Chemistry*, **2018**, 29, 1525-1533	6.3	14
50	Radiosynthesis and Preclinical Evaluation of F-Fluoroglycosylated Octreotate for Somatostatin Receptor Imaging. *Bioconjugate Chemistry*, **2016**, 27, 2707-2714	6.3	14
49	Positron emission tomography in the assessment of left ventricular function in healthy rats: a comparison of four imaging methods. *Journal of Nuclear Cardiology*, **2013**, 20, 262-74	2.1	14
48	A Kinome-Wide Selective Radiolabeled TrkB/C Inhibitor for in Vitro and in Vivo Neuroimaging: Synthesis, Preclinical Evaluation, and First-in-Human. *Journal of Medicinal Chemistry*, **2017**, 60, 6897-6910	8.3	14
47	Multidrug Efflux Pumps Attenuate the Effect of MGMT Inhibitors. *Molecular Pharmaceutics*, **2015**, 12, 3924-34	5.6	14
46	Which Aspects of Stroke Do Animal Models Capture? A Multitracer Micro-PET Study of Focal Ischemia with Endothelin-1. *Cerebrovascular Diseases*, **2016**, 41, 139-47	3.2	11
45	Design, synthesis and in vitro evaluation of heterobivalent peptidic radioligands targeting both GRP- and VPAC-Receptors concomitantly overexpressed on various malignancies - Is the concept feasible?. *European Journal of Medicinal Chemistry*, **2018**, 155, 84-95	6.8	11
44	Simple and convenient radiolabeling of proteins using a prelabeling-approach with thiol-DOTA. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 1926-9	2.9	10

43	First-in-Human Brain Imaging of [F]TRACK, a PET tracer for Tropomyosin Receptor Kinases. *ACS Chemical Neuroscience*, **2019**, 10, 2697-2702	5.7	9
42	Tropomyosin receptor kinase inhibitors: an updated patent review for 2016-2019. *Expert Opinion on Therapeutic Patents*, **2020**, 30, 325-339	6.8	9
41	Direct one-step labeling of cysteine residues on peptides with [(11)C]methyl triflate for the synthesis of PET radiopharmaceuticals. *Amino Acids*, **2013**, 45, 1097-108	3.5	9
40	Alpha selective epoxide opening with 18F□synthesis of 4-(3-[18F]fluoro-2-hydroxypropoxy)benzaldehyde ([18F]FPB) for peptide labeling. *Tetrahedron Letters*, **2011**, 52, 1973-1976	2	9
39	Design and synthesis of a fluorinated quinazoline-based type-II Trk inhibitor as a scaffold for PET radiotracer development. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 2771-2775	2.9	8
38	Fully automated SPE-based synthesis and purification of 2-[18F]fluoroethyl-choline for human use. *Nuclear Medicine and Biology*, **2011**, 38, 165-70	2.1	8
37	Synthesis and preliminary evaluation of (R,R)(S,S) 5-(2-(2-[4-(2-[(18)F]fluoroethoxy)phenyl]-1-methylethylamino)-1-hydroxyethyl)-benzene-1,3-diol ([(18)F]FEFE) for the in vivo visualisation and quantification of the beta2-adrenergic receptor status in lung. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 2687-92	2.9	8
36	Automated production of [F]SiTATE on a Scintomics GRP□platform for PET/CT imaging of neuroendocrine tumors. *Nuclear Medicine and Biology*, **2020**, 88-89, 86-95	2.1	8
35	Design, Synthesis, In Vitro, and Initial In Vivo Evaluation of Heterobivalent Peptidic Ligands Targeting Both NPY(Y□)- and GRP-Receptors-An Improvement for Breast Cancer Imaging?. *Pharmaceuticals*, **2018**, 11,	5.2	7
34	Evaluation of an automated double-synthesis module: efficiency and reliability of subsequent radiosyntheses of FHBG and FLT. *Nuclear Medicine and Biology*, **2012**, 39, 586-92	2.1	7
33	Design of brain imaging agents for positron emission tomography: do large bioconjugates provide an opportunity for in vivo brain imaging?. *Future Medicinal Chemistry*, **2013**, 5, 1621-34	4.1	7
32	Current State of Radiolabeled Heterobivalent Peptidic Ligands in Tumor Imaging and Therapy. *Pharmaceuticals*, **2020**, 13,	5.2	7
31	iEDDA Conjugation Reaction in Radiometal Labeling of Peptides with Ga and Cu: Unexpected Findings. *ACS Omega*, **2018**, 3, 14039-14053	3.9	7
30	An approach to the evaluation of the activity of the DNA repair enzyme O6-methylguanine-DNA-methyl-transferase in tumor tissue in vivo: syntheses of 6-benzyloxy-9-(2-[18F]fluoroethyl)-9H-purin-2-yl-amine and 6-benzyloxy-7-(2-[18F]fluoroethyl)-7H-purin-2-yl-amine. *Applied Radiation and Isotopes*, **2002**, 56, 511-7	1.7	6
29	Radioligands for Tropomyosin Receptor Kinase (Trk) Positron Emission Tomography Imaging. *Pharmaceuticals*, **2019**, 12,	5.2	6
28	Shuttle-cargo fusion molecules of transport peptides and the hD2/3 receptor antagonist fallypride: a feasible approach to preserve ligand-receptor binding?. *Journal of Medicinal Chemistry*, **2014**, 57, 4368-81	8.3	5
27	Radiosynthesis of [F]SiFAlin-TATE for clinical neuroendocrine tumor positron emission tomography. *Nature Protocols*, **2020**, 15, 3827-3843	18.8	5
26	Improving the stability of peptidic radiotracers by the introduction of artificial scaffolds: which structure element is most useful?. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2015**, 58, 395-402	1.9	4

25	Automated synthesis of [F]Ga-rhPSMA-7/ -7.3: results, quality control and experience from more than 200 routine productions. *EJNMMI Radiopharmacy and Chemistry*, **2021**, 6, 4	5.8	4
24	Hybrid Multimodal Imaging Synthons for Chemoselective and Efficient Biomolecule Modification with Chelator and Near-Infrared Fluorescent Cyanine Dye. *Pharmaceuticals*, **2020**, 13,	5.2	3
23	Molecular imaging of cardiac CXCR4 expression in a mouse model of acute myocardial infarction using a novel Ga-mCXCL12 PET tracer. *Journal of Nuclear Cardiology*, **2020**, 1	2.1	3
22	Design, Synthesis, In Vitro and In Vivo Evaluation of Heterobivalent SiFA-Modified Peptidic Radioligands Targeting Both Integrin and the MC1 Receptor-Suitable for the Specific Visualization of Melanomas?. *Pharmaceuticals*, **2021**, 14,	5.2	3
21	Side-by-Side Comparison of Five Chelators for Zr-Labeling of Biomolecules: Investigation of Chemical/Radiochemical Properties and Complex Stability.. *Cancers*, **2021**, 13,	6.6	3
20	Synthesis, in vitro and in vivo evaluation of F-fluoronorimatinib as radiotracer for Imatinib-sensitive gastrointestinal stromal tumors. *Nuclear Medicine and Biology*, **2018**, 57, 1-11	2.1	2
19	Evaluation of WO2015042088 A1 - a novel urea-based scaffold for TrkA inhibition. *Expert Opinion on Therapeutic Patents*, **2016**, 26, 291-5	6.8	2
18	Synthesis, characterization and optimization of in vitro properties of NIR-fluorescent cyclic MSH peptides for melanoma imaging. *Journal of Materials Chemistry B*, **2020**, 8, 10602-10608	7.3	2
17	Dosimetry and optimal scan time of [F]SiTATE-PET/CT in patients with neuroendocrine tumours. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 48, 3571-3581	8.8	2
16	Specific Gold Nanoparticles for Fluorescence Imaging of Tumor Angiogenesis. *Nanomaterials*, **2021**, 11,	5.4	2
15	GlucoSiFA and LactoSiFA: New Types of Carbohydrate-Tagged Silicon-Based Fluoride Acceptors for 18F-Positron Emission Tomography (PET). *Synthesis*, **2019**, 51, 1196-1206	2.9	1
14	Synthesis of 2-Fluoroacetoacetic Acid and 4-Fluoro-3-hydroxybutyric Acid. *Synthesis*, **2019**, 51, 2351-2358	2.9	1
13	Aiming at the tumor-specific accumulation of MGMT-inhibitors: First description of a synthetic strategy towards inhibitor-peptide conjugates. *Tetrahedron Letters*, **2020**, 61, 151840	2	1
12	Synthesis and evaluation of a radiofluorinated ketone body derivative. *RSC Medicinal Chemistry*, **2020**, 11, 297-306	3.5	1
11	Efficient radiosynthesis and preclinical evaluation of [F]FOMPyD as a positron emission tomography tracer candidate for TrkB/C receptor imaging. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2020**, 63, 144-150	1.9	1
10	Identification of a Suitable Peptidic Molecular Platform for the Development of NPY(Y)R-Specific Imaging Agents. *ChemMedChem*, **2020**, 15, 1652-1660	3.7	1
9	Lewis Acid-Facilitated Radiofluorination of MN3PU: A LRRK2 Radiotracer. *Molecules*, **2020**, 25,	4.8	1
8	Development and biological evaluation of[F]FMN3PA & [F]FMN3PU for leucine-rich repeat kinase 2 (LRRK2) in vivo PET imaging. *European Journal of Medicinal Chemistry*, **2021**, 211, 113005	6.8	1

7	Are heterobivalent GRPR- and VPACR-bispecific radiopeptides suitable for efficient in vivo tumor imaging of prostate carcinomas?. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 48, 128241	2.9	1
6	Toward Imaging Tropomyosin Receptor Kinase (Trk) with Positron Emission Tomography **2021**, 1041-1059		0
5	Silicon-based 18F-radiopharmaceuticals **2019**, 551-574		0
4	PET Imaging of Meningioma Using the Novel SSTR-Targeting Peptide 18F-SiTATE. *Clinical Nuclear Medicine*, **2021**, 46, 667-668	1.7	0
3	On the Viability of Tadalafil-Based F-Radiotracers for Phosphodiesterase 5 (PDE5) PET Imaging. *ACS Omega*, **2021**, 6, 21741-21754	3.9	0
2	Synthetic approaches towards [18F]fluoro-DOG1, a potential radiotracer for the imaging of gastrointestinal stromal tumors. *Tetrahedron Letters*, **2018**, 59, 3332-3335	2	
1	Synthesis and Preclinical Evaluation of [F]SiFA-PSMA Inhibitors in a Prostate Cancer Model. *Journal of Medicinal Chemistry*, **2021**, 64, 15671-15689	8.3	