

Esther Schirmmacher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9569514/publications.pdf>

Version: 2024-02-01

11
papers

676
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	18F-Labeling of Peptides by means of an Organosilicon-Based Fluoride Acceptor. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6047-6050.	13.8	205
2	Synthesis of p-(Di-tert-butyl[18F]fluorosilyl)benzaldehyde ([18F]SiFA-A) with High Specific Activity by Isotopic Exchange: A Convenient Labeling Synthon for the 18F-Labeling of N-amino-oxy Derivatized Peptides. <i>Bioconjugate Chemistry</i> , 2007, 18, 2085-2089.	3.6	94
3	One-step 18F-labeling of peptides for positron emission tomography imaging using the SiFA methodology. <i>Nature Protocols</i> , 2012, 7, 1946-1955.	12.0	74
4	Kit-Like ¹⁸ F-Labeling of Proteins: Synthesis of 4-(Di-tert-butyl[¹⁸ F]fluorosilyl)benzenethiol (Si[¹⁸ F]FA-SH) Labeled Rat Serum Albumin for Blood Pool Imaging with PET. <i>Bioconjugate Chemistry</i> , 2009, 20, 317-321.	3.6	64
5	Functionalized Aryl-tert-butylfluorosilanes as Potential Labeling Synthons for ¹⁸ F Radiopharmaceuticals. <i>Chemistry - A European Journal</i> , 2009, 15, 2140-2147.	3.3	62
6	[¹⁸ F]SiFA-isothiocyanate: A New Highly Effective Radioactive Labeling Agent for Lysine-Containing Proteins. <i>ChemBioChem</i> , 2009, 10, 1321-1324.	2.6	42
7	¹⁸ F-Labeled Silicon-Based Fluoride Acceptors: Potential Opportunities for Novel Positron Emitting Radiopharmaceuticals. <i>BioMed Research International</i> , 2014, 2014, 1-20.	1.9	38
8	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. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 27-34.	1.7	34
9	Protein labeling with the labeling precursor [18F]SiFA-SH for positron emission tomography. <i>Nature Protocols</i> , 2012, 7, 1964-1969.	12.0	34
10	Synthesis of [18F]SiFB: a prosthetic group for direct protein radiolabeling for application in positron emission tomography. <i>Nature Protocols</i> , 2012, 7, 1956-1963.	12.0	27
11	Silicon-based 18F-radiopharmaceuticals. , 2019, , 551-574.		2