

Sophie Poty

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

540
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687363

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940533

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times ranked

896
citing authors

#	ARTICLE	IF	CITATIONS
1	\hat{I}^{\pm} -Emitters for Radiotherapy: From Basic Radiochemistry to Clinical Studiesâ€”Part 1. Journal of Nuclear Medicine, 2018, 59, 878-884.	5.0	131
2	\hat{I}^{\pm} -Emitters for Radiotherapy: From Basic Radiochemistry to Clinical Studiesâ€”Part 2. Journal of Nuclear Medicine, 2018, 59, 1020-1027.	5.0	72
3	Leveraging Bioorthogonal Click Chemistry to Improve ^{225}Ac -Radioimmunotherapy of Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2019, 25, 868-880.	7.0	55
4	Innovative Magnetic Nanoparticles for PET/MRI Bimodal Imaging. ACS Omega, 2019, 4, 2637-2648.	3.5	46
5	A rapid bead-based radioligand binding assay for the determination of target-binding fraction and quality control of radiopharmaceuticals. Nuclear Medicine and Biology, 2019, 71, 32-38.	0.6	34
6	The inverse electron-demand Dielsâ€”Alder reaction as a new methodology for the synthesis of ^{225}Ac -labelled radioimmunoconjugates. Chemical Communications, 2018, 54, 2599-2602.	4.1	33
7	New AMD3100 derivatives for CXCR4 chemokine receptor targeted molecular imaging studies: synthesis, anti-HIV-1 evaluation and binding affinities. Dalton Transactions, 2015, 44, 5004-5016.	3.3	28
8	Preclinical optimization of antibodyâ€”based radiopharmaceuticals for cancer imaging and radionuclide therapyâ€”Model, vector, and radionuclide selection. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 611-635.	1.0	24
9	Trastuzumab gold-conjugates: synthetic approach and <i>in vitro</i> evaluation of anticancer activities in breast cancer cell lines. Chemical Communications, 2019, 55, 1394-1397.	4.1	24
10	AMD3100: A Versatile Platform for CXCR4 Targeting ^{68}Ga -Based Radiopharmaceuticals. Bioconjugate Chemistry, 2016, 27, 752-761.	3.6	21
11	Efficient Synthesis of 1,4,7â€”Triazacyclononane and 1,4,7â€”Triazacyclononaneâ€”Based Bifunctional Chelators for Bioconjugation. European Journal of Organic Chemistry, 2014, 2014, 7831-7838.	2.4	16
12	MANOTA: a promising bifunctional chelating agent for copper-64 immunoPET. Dalton Transactions, 2017, 46, 14659-14668.	3.3	15
13	^{89}Zr -PET imaging of DNA double-strand breaks for the early monitoring of response following \hat{I}^{\pm} - and \hat{I}^2 -particle radioimmunotherapy in a mouse model of pancreatic ductal adenocarcinoma. Theranostics, 2020, 10, 5802-5814.	10.0	15
14	Targeted Radionuclide Therapy Using Auger Electron Emitters: The Quest for the Right Vector and the Right Radionuclide. Pharmaceutics, 2021, 13, 980.	4.5	14
15	MAâ€”NOTMP: A Triazacyclononane Trimethylphosphinate Based Bifunctional Chelator for Gallium Radiolabelling of Biomolecules. ChemMedChem, 2015, 10, 1475-1479.	3.2	10
16	New imaging agents targeting chemokine receptor CXCR4 for PET/SPECT and MRI. EJNMMI Physics, 2014, 1, A81.	2.7	2