

Victor Goncalves

List of Publications by Year in descending order

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papers

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430874

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#	ARTICLE	IF	CITATIONS
1	⁸⁹ Zr-Immuno-Positron Emission Tomography in Oncology: State-of-the-Art ⁸⁹ Zr Radiochemistry. <i>Bioconjugate Chemistry</i> , 2017, 28, 2211-2223.	3.6	146
2	A fluorescence-based assay for N-myristoyltransferase activity. <i>Analytical Biochemistry</i> , 2012, 421, 342-344.	2.4	69
3	Discovery of Plasmodium vivax N-Myristoyltransferase Inhibitors: Screening, Synthesis, and Structural Characterization of their Binding Mode. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3578-3582.	6.4	65
4	Structure-Based Design of Potent and Selective Leishmania N-Myristoyltransferase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8664-8670.	6.4	56
5	Direct comparison of the in vitro and in vivo stability of DFO, DFO* and DFOcyclo* for ⁸⁹ Zr-immunoPET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1966-1977.	6.4	54
6	Site-specific Dual Labeling of Proteins on Cysteine Residues with Chlorotetrazines. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10646-10650.	13.8	47
7	(R)-NODAGA-PSMA: A Versatile Precursor for Radiometal Labeling and Nuclear Imaging of PSMA-Positive Tumors. <i>PLoS ONE</i> , 2015, 10, e0145755.	2.5	46
8	Development of a chemiluminescent screening assay for detection of vascular endothelial growth factor receptor 1 ligands. <i>Analytical Biochemistry</i> , 2007, 366, 108-110.	2.4	42
9	On-resin cyclization of peptide ligands of the Vascular Endothelial Growth Factor Receptor 1 by copper(I)-catalyzed 1,3-dipolar azide-alkyne cycloaddition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5590-5594.	2.2	41
10	Targeting the Proangiogenic VEGF-VEGFR Protein-Protein Interface with Drug-like Compounds by In Silico and In Vitro Screening. <i>Chemistry and Biology</i> , 2011, 18, 1631-1639.	6.0	38
11	Rational Design, Structure, and Biological Evaluation of Cyclic Peptides Mimicking the Vascular Endothelial Growth Factor. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5135-5146.	6.4	33
12	Towards the elaboration of new gold-based optical theranostics. <i>Dalton Transactions</i> , 2015, 44, 4874-4883.	3.3	32
13	Biochemical and Structural Analysis of the Binding Determinants of a Vascular Endothelial Growth Factor Receptor Peptidic Antagonist. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4428-4440.	6.4	31
14	Site-specific near-infrared fluorescent labelling of proteins on cysteine residues with meso-chloro-substituted heptamethine cyanine dyes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8831-8836.	2.8	31
15	DMAP-BODIPY Alkynes: A Convenient Tool for Labeling Biomolecules for Bimodal PET-Optical Imaging. <i>Chemistry - A European Journal</i> , 2014, 20, 12933-12944.	3.3	25
16	BODIPY: A Highly Versatile Platform for the Design of Bimodal Imaging Probes. <i>Chemistry - A European Journal</i> , 2015, 21, 13091-13099.	3.3	25
17	Design of Bimodal Ligands of Neurotensin Receptor 1 for Positron Emission Tomography Imaging and Fluorescence-Guided Surgery of Pancreatic Cancer. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2426-2433.	6.4	23
18	Modular Assembly of Multimodal Imaging Agents through an Inverse Electron Demand Diels-Alder Reaction. <i>Bioconjugate Chemistry</i> , 2019, 30, 888-897.	3.6	21

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19	Site-Specific Dual-Labeling of a VHH with a Chelator and a Photosensitizer for Nuclear Imaging and Targeted Photodynamic Therapy of EGFR-Positive Tumors. <i>Cancers</i> , 2021, 13, 428.	3.7	18
20	Direct subphthalocyanine conjugation to bombesin vs. indirect conjugation to its lipidic nanocarrier. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4511-4518.	2.8	14
21	Structure-guided optimization of quinoline inhibitors of Plasmodium N-myristoyltransferase. <i>MedChemComm</i> , 2017, 8, 191-197.	3.4	14
22	Structure-based design of a bicyclic peptide antagonist of the vascular endothelial growth factor receptors. <i>Journal of Peptide Science</i> , 2008, 14, 767-772.	1.4	12
23	Total chemical synthesis of the D2 domain of human VEGF receptor 1. <i>Journal of Peptide Science</i> , 2009, 15, 417-422.	1.4	10
24	MAENOTMP: A Triazacyclononane Trimethylphosphinate Based Bifunctional Chelator for Gallium Radiolabelling of Biomolecules. <i>ChemMedChem</i> , 2015, 10, 1475-1479.	3.2	10
25	Site-Specific, Platform-Based Conjugation Strategy for the Synthesis of Dual-Labeled Immunoconjugates for Bimodal PET/NIRF Imaging of HER2-Positive Tumors. <i>Bioconjugate Chemistry</i> , 2022, 33, 530-540.	3.6	10
26	Site-Specific Dual Labeling of Proteins on Cysteine Residues with Chlorotetrazines. <i>Angewandte Chemie</i> , 2018, 130, 10806-10810.	2.0	9
27	Positron Emission Tomography Imaging of Neurotensin Receptor-Positive Tumors with ⁶⁸ Ga-Labeled Antagonists: The Chelate Makes the Difference Again. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8564-8578.	6.4	8
28	Synthesis and evaluation of zirconium-89 labelled and long-lived GLP-1 receptor agonists for PET imaging. <i>Nuclear Medicine and Biology</i> , 2020, 82-83, 49-56.	0.6	4
29	Additional information on Direct comparison of the in vitro and in vivo stability of DFO, DFO* and DFOcyclo* for ⁸⁹ Zr-immunoPET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 505-506.	6.4	2
30	Cyclic peptides as VEGF receptor antagonist. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 479-480.	1.6	0