Matteo Zanda

List of Publications by Year
in descending order

39	954	516710 16	454955 30
papers	citations	h-index	g-index

40	40	40	1536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Radiosynthesis, and inâ€…vitro Studies on Novel Hypoxia PET Tracers Incorporating [18 F]FDR. European Journal of Organic Chemistry, 2021, 2021, 1429-1439.	2.4	1
2	Synthesis of the Fungal Metabolite YWA1 and Related Constructs as Tools to Study MelLec-Mediated Immune Response to Aspergillus Infections. Journal of Organic Chemistry, 2021, 86, 6044-6055.	3.2	3
3	A Weakened Immune Response to Synthetic Exo-Peptides Predicts a Potential Biosecurity Risk in the Retrieval of Exo-Microorganisms. Microorganisms, 2020, 8, 1066.	3.6	1
4	Design, Synthesis, Conjugation, and Reactivity of Novel trans,trans-1,5-Cyclooctadiene-Derived Bioorthogonal Linkers. Bioconjugate Chemistry, 2020, 31, 2201-2210.	3.6	6
5	4,4,16â€Trifluoropalmitate: Design, Synthesis, Tritiation, Radiofluorination and Preclinical PET Imaging Studies on Myocardial Fatty Acid Oxidation. ChemMedChem, 2020, 15, 2317-2331.	3.2	0
6	Highly Strained Unsaturated Carbocycles. European Journal of Organic Chemistry, 2020, 2020, 5278-5291.	2.4	7
7	Design, Synthesis, Radiosynthesis and Biological Evaluation of Fenretinide Analogues as Anticancer and Metabolic Syndromeâ€Preventive Agents. ChemMedChem, 2020, 15, 1579-1590.	3.2	2
8	[¹⁸F]ZCDD083: A PFKFB3-Targeted PET Tracer for Atherosclerotic Plaque Imaging. ACS Medicinal Chemistry Letters, 2020, 11, 933-939.	2.8	6
9	Enzymatic radiosynthesis of a¹⁸F-Glu-Ureido-Lys ligand for the prostate-specific membrane antigen (PSMA). Organic and Biomolecular Chemistry, 2019, 17, 1480-1486.	2.8	12
10	The Trifluoromethyl Group as a Bioisosteric Replacement of the Aliphatic Nitro Group in CB₁ Receptor Positive Allosteric Modulators. Journal of Medicinal Chemistry, 2019, 62, 5049-5062.	6.4	51
11	Recognition of DHN-melanin by a C-type lectin receptor is required for immunity to Aspergillus. Nature, 2018, 555, 382-386.	27.8	157
12	Binding of Î±vÎ²3 Integrin-Specific Radiotracers Is Modulated by Both Integrin Expression Level and Activation Status. Molecular Imaging and Biology, 2018, 20, 27-36.	2.6	15
13	Preclinical Evaluation of [¹⁸F]LCATD as a PET Tracer to Study Drug-Drug Interactions Caused by Inhibition of Hepatic Transporters. Contrast Media and Molecular Imaging, 2018, 2018, 1-10.	0.8	1
14	Enzymatic Fluorination of Biotin and Tetrazine Conjugates for Pretargeting Approaches to Positron Emission Tomography Imaging. ChemBioChem, 2018, 19, 1969-1978.	2.6	12
15	Design, synthesis, in vitro characterization and preliminary imaging studies on fluorinated bile acid derivatives as PET tracers to study hepatic transporters. Bioorganic and Medicinal Chemistry, 2017, 25, 963-976.	3.0	18
16	Development of Fluorinated Analogues of Perhexiline with Improved Pharmacokinetic Properties and Retained Efficacy. Journal of Medicinal Chemistry, 2017, 60, 2780-2789.	6.4	7
17	Synthesis, radio-synthesis and in vitro evaluation of terminally fluorinated derivatives of HU-210 and HU-211 as novel candidate PET tracers. Organic and Biomolecular Chemistry, 2017, 15, 2086-2096.	2.8	6
18	Highâ€Affinity â€œClickâ€•RGD Peptidomimetics as Radiolabeled Probes for Imaging Î±_vÎ²₃ Integrin. ChemMedChem, 2017, 12, 1142-1151.	3.2	13

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19	Synthesis and hyperpolarisation of eNOS substrates for quantification of NO production by 1 H NMR spectroscopy. Bioorganic and Medicinal Chemistry, 2017, 25, 2730-2742.	3.0	11
20	Synthesis and Superpotent Anticancer Activity of Tubulysins Carrying Nonâ€hydrolysable Nâ€Substituents on Tubuvaline. Chemistry - A European Journal, 2017, 23, 5842-5850.	3.3	9
21	A New Class of Fluorinated A_{2A} Adenosine Receptor Agonist with Application to Lastâ€Step Enzymatic [¹⁸F]Fluorination for PET Imaging. ChemBioChem, 2017, 18, 2156-2164.	2.6	12
22	A critical review of both the synthesis approach and the receptor profile of the 8-chloro-1-(2â€²,4â€²-dichlorophenyl)-N-piperidin-1-yl-1,4,5,6-tetrahydrobenzo[6,7]cyclohepta[1,2-c]pyrazole-3-carboxamide and analogue derivatives. European Journal of Medicinal Chemistry, 2016, 121, 194-208.	5.6	6
23	Lastâ€Step Enzymatic [¹⁸F]â€Fluorination of Cysteineâ€Tethered RGD Peptides Using Modified Barbas Linkers. Chemistry - A European Journal, 2016, 22, 10998-11004.	3.3	25
24	A Cannabinoid CB1 Receptor-Positive Allosteric Modulator Reduces Neuropathic Pain in the Mouse with No Psychoactive Effects. Neuropsychopharmacology, 2015, 40, 2948-2959.	5.4	129
25	Asymmetric Synthesis and Absolute Configuration of (+)- and (â€“)-Perhexiline. Synthesis, 2015, 48, 73-78.	2.3	8
26	4-Cyano-5-(2-thiophenyl)-pyrazoles are high affinity CB1 receptor ligands. RSC Advances, 2015, 5, 13692-13701.	3.6	8
27	PET Tracers To Study Clinically Relevant Hepatic Transporters. Molecular Pharmaceutics, 2015, 12, 2203-2216.	4.6	31
28	The tubulysin analogue KEMTUB10 induces apoptosis in breast cancer cells via p53, Bim and Bcl-2. Journal of Cancer Research and Clinical Oncology, 2015, 141, 1575-1583.	2.5	11
29	Multifunctional Deuterated and Tritiated â€˜Clickâ€™ Molecular Probes via ÂPalladium-Mediated Reductive Deiodination of 5-Iodo-1,2,3-Triazoles. Synlett, 2014, 25, 1019-1025.	1.8	5
30	The pentafluorosulfanyl group in cannabinoid receptor ligands: synthesis and comparison with trifluoromethyl and tert-butyl analogues. RSC Advances, 2014, 4, 20164-20176.	3.6	42
31	Development of Novel ADCs: Conjugation of Tubulysin Analogues to Trastuzumab Monitored by Dual Radiolabeling. Cancer Research, 2014, 74, 5700-5710.	0.9	69
32	Hypoxia stimulates 18F-Fluorodeoxyglucose uptake in breast cancer cells via Hypoxia inducible Factor-1 and AMP-activated protein kinase. Nuclear Medicine and Biology, 2013, 40, 858-864.	0.6	22
33	Synthesis and cytotoxicity evaluation of diastereoisomers and N-terminal analogues of tubulysin-U. Tetrahedron Letters, 2013, 54, 6137-6141.	1.4	16
34	Synthesis and structureâ€“activity relationship studies of novel tubulysin U analogues â€“ effect on cytotoxicity of structural variations in the tubuvaline fragment. Organic and Biomolecular Chemistry, 2013, 11, 2273.	2.8	31
35	Tumour imaging by Positron Emission Tomography using fluorinase generated 5-[18F]fluoro-5-deoxyribose as a novel tracer. Nuclear Medicine and Biology, 2013, 40, 464-470.	0.6	27
36	Efficient bioconjugation of 5-fluoro-5-deoxy-ribose (FDR) to RGD peptides for positron emission tomography (PET) imaging of Î±vÎ²3 integrin receptor. Organic and Biomolecular Chemistry, 2013, 11, 4551.	2.8	32

#	Article	IF	Citations
37	Linear Trifluoroethylamine RGD Peptidomimetics: Stereoselective Synthesis and Integrin Î±vÎ²3 Affinity. Synlett, 2012, 23, 2899-2902.	1.8	11
38	[18F]-5-Fluoro-5-deoxyribose, an efficient peptide bioconjugation ligand for positron emission tomography (PET) imaging. Chemical Communications, 2012, 48, 5247.	4.1	39
39	Total Synthesis of Tubulysinsâ€…U and V. Angewandte Chemie - International Edition, 2007, 46, 3526-3529.	13.8	67