

Federica Pisaneschi

List of Publications by Year in descending order

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papers

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all docs

52
docs citations

52
times ranked

1292
citing authors

#	ARTICLE	IF	CITATIONS
1	SF2312 is a natural phosphonate inhibitor of enolase. <i>Nature Chemical Biology</i> , 2016, 12, 1053-1058.	8.0	90
2	New Synthesis of β^2 -Lactams by Ethylene Extrusion from Spirocyclopropane Isoxazolidines. <i>Journal of the American Chemical Society</i> , 2000, 122, 8075-8076.	13.7	68
3	A Novel Mitochondrial Inhibitor Blocks MAPK Pathway and Overcomes MAPK Inhibitor Resistance in Melanoma. <i>Clinical Cancer Research</i> , 2019, 25, 6429-6442.	7.0	61
4	Stereodivergent Approach to Enantiopure Hydroxyindolizidines Through 1,3-Dipolar Cycloaddition of 3-Hydroxypyrroline N-Oxide Derivatives. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1941.	2.4	53
5	Development of a new epidermal growth factor receptor positron emission tomography imaging agent based on the 3-cyanoquinoline core: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6634-6645.	3.0	49
6	An enolase inhibitor for the targeted treatment of ENO1-deleted cancers. <i>Nature Metabolism</i> , 2020, 2, 1413-1426.	11.9	49
7	Selective Ring Contraction of 5-Spirocyclopropane Isoxazolidines Mediated by Acids. <i>Journal of Organic Chemistry</i> , 2003, 68, 3271-3280.	3.2	38
8	Novel Prospects of the Acidic Thermal Rearrangement of Spiro[cyclopropane-1,5- β^2 -isoxazolidines] to β^2 -Lactams. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2205-2213.	2.4	37
9	A New Bicyclic Dipeptide Isostere with Pyrrolizidinone Skeleton. <i>Journal of Organic Chemistry</i> , 2005, 70, 856-867.	3.2	32
10	Solid-phase access to polyhydroxypyrrolizidines by 1,3-dipolar cycloaddition of (S)-3-alkoxypyrroline N-oxide to maleate and crotonate derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 5711-5714.	1.4	22
11	New developments in the synthesis of pyrrolizidinone-based dipeptide isosteres. <i>Tetrahedron</i> , 2005, 61, 8836-8847.	1.9	22
12	Preclinical evaluation of a CXCR4-specific ^{68}Ga -labelled TN14003 derivative for cancer PET imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 796-803.	3.0	22
13	Preclinical Evaluation of ^{18}F -Fluoro-2,2-Dimethylpropionic Acid as an Imaging Agent for Tumor Detection. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1506-1512.	5.0	22
14	Multiwalled carbon nanotubes for combination therapy: a biodistribution and efficacy pilot study. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2678-2687.	5.8	20
15	Mechanism-Specific Pharmacodynamics of a Novel Complex-I Inhibitor Quantified by Imaging Reversal of Consumptive Hypoxia with [^{18}F]FAZA PET In Vivo. <i>Cells</i> , 2019, 8, 1487.	4.1	20
16	Caspase-3 Substrates for Noninvasive Pharmacodynamic Imaging of Apoptosis by PET/CT. <i>Bioconjugate Chemistry</i> , 2018, 29, 3180-3195.	3.6	19
17	Diastereoselective cycloaddition of alkylidenecyclopropane nitrones from palladium(0)-catalyzed nucleophilic substitution of asymmetric 1-alkenylcyclopropyl esters by amino acids. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 897-909.	1.8	18
18	2-Substituted-2,3-dihydro-1H-quinolin-4-ones via Acid-Catalyzed Tandem Rupe Rearrangement-Donnelly-Farrell Ring Closure of 2-(β^2 -Hydroxypropynyl)anilines. <i>Synlett</i> , 2011, 2011, 241-244.	1.8	17

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19	Positron Emission Tomographic Imaging of CXCR4 in Cancer: Challenges and Promises. <i>Molecular Imaging</i> , 2015, 14, 7290.2014.00041.	1.4	16
20	Combined therapies with nanostructured carbon materials: there is room still available at the bottom. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2022-2035.	5.8	16
21	A Concise Total Synthesis of (+)-Heliotridine. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4373-4375.	2.4	14
22	Stereoselective synthesis of a new trihydroxyindolizidine lactone. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 292-296.	1.8	14
23	Synthesis, SAR and in vitro evaluation of new cyclic Arg-Gly-Asp pseudopentapeptides containing a s-cis peptide bond as integrin $\alpha_5\beta_3$ and $\alpha_5\beta_2$ ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 4262-4271.	3.0	14
24	Application of Mosher's method for absolute configuration assignment and resolution of 2-hydroxypyrrolizidinones. <i>Chirality</i> , 2005, 17, 149-153.	2.6	13
25	Novel derivatives of anaplastic lymphoma kinase inhibitors: Synthesis, radiolabeling, and preliminary biological studies of fluoroethyl analogues of crizotinib, alectinib, and ceritinib. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111571.	5.5	13
26	Straightforward Synthesis of α -Substituted Prolines by Cross-Metathesis. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2817-2824.	2.4	12
27	^{18}F -labelling of a cyclic pentapeptide inhibitor of the chemokine receptor CXCR4. <i>Journal of Fluorine Chemistry</i> , 2012, 135, 200-206.	1.7	12
28	Development of a Potential Gallium-68-Labelled Radiotracer Based on DOTA-Curcumin for Colon-Rectal Carcinoma: From Synthesis to In Vivo Studies. <i>Molecules</i> , 2019, 24, 644.	3.8	11
29	The 3S Enantiomer Drives Enolase Inhibitory Activity in SF2312 and Its Analogues. <i>Molecules</i> , 2019, 24, 2510.	3.8	10
30	Imaging of innate immunity activation in vivo with a redox-tuned PET reporter. <i>Nature Biotechnology</i> , 2022, 40, 965-973.	17.5	10
31	Synthesis of [^{18}F]fluoro-pivalic acid: an improved PET imaging probe for the fatty acid synthesis pathway in tumours. <i>MedChemComm</i> , 2013, 4, 1350.	3.4	9
32	Scavenging strategy for specific activity improvement: application to a new CXCR4-specific cyclopentapeptide positron emission tomography tracer. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 679-685.	1.0	9
33	Automated, Resin-Based Method to Enhance the Specific Activity of Fluorine-18 Clicked PET Radiotracers. <i>Bioconjugate Chemistry</i> , 2017, 28, 583-589.	3.6	9
34	Evaluation of the Biodistribution of Serinolamide-Derivatized C60 Fullerene. <i>Nanomaterials</i> , 2020, 10, 143.	4.1	9
35	Synthesis of a new fluorine- 18 glycosylated α -click TM cyanoquinoline for the imaging of epidermal growth factor receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 92-96.	1.0	8
36	1,3-Dipolar Cycloadditions of 2-tert-Butoxycarbonyl-1-pyrroline N-Oxide with Chiral Acrylates and Acrylamides. <i>Heterocycles</i> , 2006, 67, 413.	0.7	8

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37	Development and Validation of a PET/SPECT Radiopharmaceutical in Oncology. <i>Molecular Imaging and Biology</i> , 2022, 24, 1-7.	2.6	5
38	Radiometal-Based PET/MRI Contrast Agents for Sensing Tumor Extracellular pH. <i>Biosensors</i> , 2022, 12, 134.	4.7	5
39	New Cyclic Arg-Gly-Asp Pseudopentapeptide Containing the $\hat{\imath}^2$ -Turn Mimetic GPTM. <i>Synlett</i> , 2006, 2006, 2067-2070.	1.8	3
40	Click Chemistry: A Straightforward Route to Decorated Prolines. <i>Synlett</i> , 2007, 2007, 2882-2884.	1.8	2
41	Synthesis of a 4-Aryl-2-anilinopyrimidine Using a Germanium-Functionalised Non-Cross-Linked Polystyrene (NCPS) Support. <i>Synlett</i> , 2013, 24, 1663-1666.	1.8	2
42	Identification of ABC Transporter Interaction of a Novel Cyanoquinoline Radiotracer and Implications for Tumour Imaging by Positron Emission Tomography. <i>PLoS ONE</i> , 2016, 11, e0161427.	2.5	2
43	Resin Linked Dipolarophiles to Mask Nitrones. <i>Synlett</i> , 2003, 2003, 1889-1891.	1.8	1
44	Selective Ring Contraction of 5-Spirocyclopropane Isoxazolidines Mediated by Acids.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
45	Novel Prospects of the Acidic Thermal Rearrangement of Spiro[cyclopropane-1,5- $\hat{\imath}^2$ -isoxazolidines] to $\hat{\imath}^2$ -Lactams.. <i>ChemInform</i> , 2004, 35, no.	0.0	0