

François Guérard

List of Publications by Year in descending order

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28
papers

856
citations

430874

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24
g-index

30
all docs

30
docs citations

30
times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiolabeling chemistry with heavy halogens iodine and astatine. , 2022, , 121-132.		1
2	How radiolysis impacts astatine speciation?. Radiation Physics and Chemistry, 2022, 198, 110224.	2.8	0
3	Investigation on the reactivity of nucleophilic radiohalogens with arylboronic acids in water: access to an efficient single-step method for the radioiodination and astatination of antibodies. Chemical Science, 2021, 12, 1458-1468.	7.4	18
4	Overview of the Most Promising Radionuclides for Targeted Alpha Therapy: The "Hopeful Eight". Pharmaceutics, 2021, 13, 906.	4.5	69
5	Advances in the Chemistry of Astatine and Implications for the Development of Radiopharmaceuticals. Accounts of Chemical Research, 2021, 54, 3264-3275.	15.6	30
6	211 At and 125 I Labeling of (Hetero)Aryliodonium Ylides: Astatine Wins Again. Chemistry - A European Journal, 2021, , .	3.3	5
7	Targeted-Alpha-Therapy Combining Astatine-211 and anti-CD138 Antibody in a Preclinical Syngeneic Mouse Model of Multiple Myeloma Minimal Residual Disease. Cancers, 2020, 12, 2721.	3.7	11
8	Reply to the "Comment on "Investigation of Zr(IV) and 89Zr(IV) complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging" by A. Bianchi and M. Savastano, Chem. Commun., 2020, 56, DOCC01189D. Chemical Communications, 2020, 56, 12667-12668.	4.1	2
9	Cell Tracking in Cancer Immunotherapy. Frontiers in Medicine, 2020, 7, 34.	2.6	52
10	Radioimmunotherapy of Lymphomas. , 2019, , 113-121.		3
11	What is the Best Radionuclide for Immuno-PET of Multiple Myeloma? A Comparison Study Between 89Zr- and 64Cu-Labeled Anti-CD138 in a Preclinical Syngeneic Model. International Journal of Molecular Sciences, 2019, 20, 2564.	4.1	22
12	Prosthetic groups for radioiodination and astatination of peptides and proteins: A comparative study of five potential bioorthogonal labeling strategies. Bioorganic and Medicinal Chemistry, 2019, 27, 167-174.	3.0	25
13	Prospects for Enhancing Efficacy of Radioimmunotherapy. Resistance To Targeted Anti-cancer Therapeutics, 2018, , 139-153.	0.1	1
14	Investigation of the complexation of $\text{Na}^+\text{Zr}(\text{IV})$ and $^{89}\text{Zr}(\text{IV})$ by hydroxypyridinones for the development of chelators for PET imaging applications. Dalton Transactions, 2017, 46, 4749-4758.	3.3	26
15	Radioimmunoconjugates for treating cancer: recent advances and current opportunities. Expert Opinion on Biological Therapy, 2017, 17, 813-819.	3.1	27
16	Bifunctional arylidonium salts for highly efficient radioiodination and astatination of antibodies. Bioorganic and Medicinal Chemistry, 2017, 25, 5975-5980.	3.0	22
17	Immuno-PET for Clinical Theranostic Approaches. International Journal of Molecular Sciences, 2017, 18, 57.	4.1	50
18	PET Imaging for Initial Staging and Therapy Assessment in Multiple Myeloma Patients. International Journal of Molecular Sciences, 2017, 18, 445.	4.1	23

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19	Unexpected Behavior of the Heaviest Halogen Astatine in the Nucleophilic Substitution of Aryliodonium Salts. <i>Chemistry - A European Journal</i> , 2016, 22, 12332-12339.	3.3	33
20	Unexpected Behavior of the Heaviest Halogen Astatine in the Nucleophilic Substitution of Aryliodonium Salts. <i>Chemistry - A European Journal</i> , 2016, 22, 12205-12205.	3.3	0
21	Radioimmunotherapy for Treatment of Acute Leukemia. <i>Seminars in Nuclear Medicine</i> , 2016, 46, 135-146.	4.6	31
22	Tumor Immunotargeting Using Innovative Radionuclides. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3932-3954.	4.1	51
23	Rational Design, Synthesis, and Evaluation of Tetrahydroxamic Acid Chelators for Stable Complexation of Zirconium(IV). <i>Chemistry - A European Journal</i> , 2014, 20, 5584-5591.	3.3	63
24	Radioiodinated and astatinated NHC rhodium complexes: Synthesis. <i>Nuclear Medicine and Biology</i> , 2014, 41, e23-e29.	0.6	10
25	Investigation of Zr(^{IV}) and ⁸⁹ Zr(^{IV}) complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging. <i>Chemical Communications</i> , 2013, 49, 1002-1004.	4.1	99
26	Production of [²¹¹ At]-Astatinated Radiopharmaceuticals and Applications in Targeted α -Particle Therapy. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2013, 28, 1-20.	1.0	94
27	Contribution of [⁶⁴ Cu]-ATSM PET in molecular imaging of tumour hypoxia compared to classical [¹⁸ F]-MISO – a selected review. <i>Nuclear Medicine Review</i> , 2011, 14, 90-95.	0.5	67
28	Feasibility of the radioastatination of a monoclonal antibody with astatine- ²¹¹ purified by wet extraction. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2008, 51, 379-383.	1.0	21