

Eduardo Aluicio-Sarduy

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

814
citations

489802

18
h-index

591227

27
g-index

41
all docs

41
docs citations

41
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclotron produced ¹³² La as a PET imaging surrogate of therapeutic ²²⁵ Ac. <i>Journal of Nuclear Medicine</i> , 2021, 62, jnumed.120.255794.	2.8	18
2	Temporal analysis of type 1 interferon activation in tumor cells following external beam radiotherapy or targeted radionuclide therapy. <i>Theranostics</i> , 2021, 11, 6120-6137.	4.6	34
3	Accelerator Production of Scandium Radioisotopes: Sc-43, Sc-44, and Sc-47. <i>Current Radiopharmaceuticals</i> , 2021, 14, 359-373.	0.3	13
4	Low-Dose Radiation Potentiates the Propagation of Anti-Tumor Immunity against Melanoma Tumor in the Brain after In Situ Vaccination at a Tumor outside the Brain. <i>Radiation Research</i> , 2021, 195, 522-540.	0.7	6
5	Characterization of actinide resin for separation of ^{51,52} Gm from bulk target material. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 19-26.	0.3	3
6	Py-Macrodipa: A Janus Chelator Capable of Binding Medicinally Relevant Rare-Earth Radiometals of Disparate Sizes. <i>Journal of the American Chemical Society</i> , 2021, 143, 10429-10440.	6.6	30
7	Low-dose targeted radionuclide therapy renders immunologically cold tumors responsive to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	92
8	Safety and feasibility of an in situ vaccination and immunomodulatory targeted radionuclide combination immuno-radiotherapy approach in a comparative (companion dog) setting. <i>PLoS ONE</i> , 2021, 16, e0255798.	1.1	12
9	Alternative strategies for the synthesis of [¹¹ C]ER176 for PET imaging of neuroinflammation. <i>Applied Radiation and Isotopes</i> , 2021, 178, 109954.	0.7	4
10	A Third Generation Potentially Bifunctional Trithiol Chelate, Its nat,1XXSb(III) Complex, and Selective Chelation of Radioantimony (¹¹⁹ Sb) from Its Sn Target. <i>Inorganic Chemistry</i> , 2021, 60, 15223-15232.	1.9	1
11	ImmunopET of the differential expression of CD146 in breast cancer. <i>American Journal of Cancer Research</i> , 2021, 11, 1586-1599.	1.4	0
12	A High Separation Factor for ¹⁶⁵ Er from Ho for Targeted Radionuclide Therapy. <i>Molecules</i> , 2021, 26, 7513.	1.7	3
13	Chelation with a twist: a bifunctional chelator to enable room temperature radiolabeling and targeted PET imaging with scandium-44. <i>Chemical Science</i> , 2020, 11, 333-342.	3.7	33
14	Afterglow Effects as a Tool to Screen Emissive Nongeminate Charge Recombination Processes in Organic Photovoltaic Composites. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2695-2707.	4.0	5
15	Establishing Radiolanthanum Chemistry for Targeted Nuclear Medicine Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 1238-1242.	1.7	42
16	¹⁷⁷ Lu-NM600 Targeted Radionuclide Therapy Extends Survival in Syngeneic Murine Models of Triple-Negative Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1187-1194.	2.8	20
17	^{86/90} Y-Labeled Monoclonal Antibody Targeting Tissue Factor for Pancreatic Cancer Theranostics. <i>Molecular Pharmaceutics</i> , 2020, 17, 1697-1705.	2.3	19
18	Frontispiece: Establishing Radiolanthanum Chemistry for Targeted Nuclear Medicine Applications. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0

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19	[^{nat/44} Sc(pypa)] ⁺ : Thermodynamic Stability, Radiolabeling, and Biodistribution of a Prostate-Specific-Membrane-Antigen-Targeting Conjugate. Inorganic Chemistry, 2020, 59, 1985-1995.	1.9	23
20	Coordination chemistry of [Y(pypa)] ⁺ and comparison immuno-PET imaging of [⁴⁴ Sc]Sc- and [⁸⁶ Y]Y-pypa-phenyl-TRC105. Dalton Transactions, 2020, 49, 5547-5562.	1.6	12
21	Production and in vivo PET/CT imaging of the theranostic pair ¹³² /135La. Scientific Reports, 2019, 9, 10658.	1.6	29
22	²²⁵ Ac-NM600 Targeted Alpha Therapy Extends Survival in a Model of Triple Negative Breast Cancer. Journal of Medical Imaging and Radiation Sciences, 2019, 50, S35.	0.2	1
23	⁹⁰ Y-NM600 targeted radionuclide therapy induces immunologic memory in syngeneic models of T-cell Non-Hodgkin's Lymphoma. Communications Biology, 2019, 2, 79.	2.0	39
24	Preclinical Characterization of ⁸⁶ /90Y-NM600 in a Variety of Murine and Human Cancer Tumor Models. Journal of Nuclear Medicine, 2019, 60, 1622-1628.	2.8	16
25	Radiochemical isolation method for the production of ⁵² Gm from natCr for accelerator targets. Applied Radiation and Isotopes, 2019, 146, 99-103.	0.7	9
26	PET radiometals for antibody labeling. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 636-651.	0.5	43
27	Simplified and automatable radiochemical separation strategy for the production of radiopharmaceutical quality ⁸⁶ Y using single column extraction chromatography. Applied Radiation and Isotopes, 2018, 142, 28-31.	0.7	22
28	⁸⁶ /90Y-Based Theranostics Targeting Angiogenesis in a Murine Breast Cancer Model. Molecular Pharmaceutics, 2018, 15, 2606-2613.	2.3	19
29	Evaluation of a chloride-based ⁸⁹ Zr isolation strategy using a tributyl phosphate (TBP)-functionalized extraction resin. Nuclear Medicine and Biology, 2018, 64-65, 1-7.	0.3	17
30	Structural color tuning in 1D photonic crystals with electric field and magnetic field. , 2018, , .		0
31	Structural color tuning in a Ag/TiO ₂ nanoparticle one-dimensional photonic crystal induced by electric field. Proceedings of SPIE, 2017, , .	0.8	0
32	Electric field induced structural colour tuning of a silver/titanium dioxide nanoparticle one-dimensional photonic crystal. Beilstein Journal of Nanotechnology, 2016, 7, 1404-1410.	1.5	25
33	Ultrafast Hole Transfer from (6,5) SWCNT to P3HT:PCBM Blend by Resonant Excitation. Journal of Physical Chemistry Letters, 2016, 7, 3353-3358.	2.1	5
34	Metal oxide one dimensional photonic crystals made by RF sputtering and spin coating. Ceramics International, 2015, 41, 8655-8659.	2.3	30
35	Elucidating the Impact of Molecular Packing and Device Architecture on the Performance of Nanostructured Perylene Diimide Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 8687-8698.	4.0	26
36	Photonic band gap in 1D multilayers made by alternating SiO ₂ or PMMA with MoS ₂ or WS ₂ monolayers. Optical Materials, 2015, 48, 267-270.	1.7	7

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37	Phosphorimetric Characterization of Solution-Processed Polymeric Oxygen Barriers for the Encapsulation of Organic Electronics. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2361-2369.	1.5	11
38	Fullerene-free organic solar cells with an efficiency of 3.7% based on a low-cost geometrically planar perylene diimide monomer. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14348-14353.	5.2	94
39	Chitosan Nanoparticles for Melanoma Cancer Treatment by Photodynamic Therapy and Electrochemotherapy Using Aminolevulinic Acid Derivatives. <i>Current Medicinal Chemistry</i> , 2013, 20, 1904-1911.	1.2	26
40	Interactions and film formation in polyethylenimine-cetyltrimethylammonium bromide aqueous mixtures at low surfactant concentration. <i>Soft Matter</i> , 2007, 3, 747-753.	1.2	25