

Ansoborlo E Eric

List of Publications by Year in descending order

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59
papers

1,684
citations

257450

24
h-index

289244

40
g-index

64
all docs

64
docs citations

64
times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Actinide speciation in relation to biological processes. <i>Biochimie</i> , 2006, 88, 1605-1618.	2.6	175
2	Uranium Speciation in Drinking Water from Drilled Wells in Southern Finland and Its Potential Links to Health Effects. <i>Environmental Science & Technology</i> , 2009, 43, 3941-3946.	10.0	131
3	Influence of Uranium Speciation on Normal Rat Kidney (NRK-52E) Proximal Cell Cytotoxicity. <i>Chemical Research in Toxicology</i> , 2004, 17, 446-452.	3.3	94
4	Review of actinide decorporation with chelating agents. <i>Comptes Rendus Chimie</i> , 2007, 10, 1010-1019.	0.5	90
5	Investigation of the Interaction between 1-Hydroxyethane-1,1-diphosphonic Acid (HEDP) and Uranium(VI). <i>Inorganic Chemistry</i> , 2003, 42, 5015-5022.	4.0	69
6	Importance of Charge Transfer and Polarization Effects for the Modeling of Uranyl Cation Complexes. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4095-4101.	2.5	63
7	Updating the ICRP human respiratory tract model. <i>Radiation Protection Dosimetry</i> , 2007, 127, 31-34.	0.8	63
8	Review of Chemical and Radiotoxicological Properties of Polonium for Internal Contamination Purposes. <i>Chemical Research in Toxicology</i> , 2012, 25, 1551-1564.	3.3	63
9	Intracellular behaviour of uranium(VI) on renal epithelial cell in culture (LLC-PK1): influence of uranium speciation. <i>Toxicology Letters</i> , 1999, 104, 249-256.	0.8	58
10	Aqueous Solutions of Uranium(VI) as Studied by Time-Resolved Emission Spectroscopy: A Round-Robin Test. <i>Applied Spectroscopy</i> , 2003, 57, 1027-1038.	2.2	54
11	Uranium in drinking-water: A unique case of guideline value increases and discrepancies between chemical and radiochemical guidelines. <i>Environment International</i> , 2015, 77, 1-4.	10.0	53
12	Efficacy of 3,4,3-LIHOPO for Reducing the Retention of Uranium in Rat after Acute Administration. <i>International Journal of Radiation Biology</i> , 1995, 68, 389-393.	1.8	51
13	Review and Critical Analysis of Available In Vitro Dissolution Tests. <i>Health Physics</i> , 1999, 77, 638-645.	0.5	51
14	DETERMINATION OF THE PHYSICAL AND CHEMICAL PROPERTIES, BIOKINETICS, AND DOSE COEFFICIENTS OF URANIUM COMPOUNDS HANDLED DURING NUCLEAR FUEL FABRICATION IN FRANCE. <i>Health Physics</i> , 2002, 82, 279-289.	0.5	47
15	Bisphosphonate sequestering agents. Synthesis and preliminary evaluation for in vitro and in vivo uranium(VI) chelation. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2768-2777.	5.5	43
16	Role of alveolar macrophage lysosomes in metal detoxification. , 1997, 36, 313-323.		34
17	Radionuclide speciation: A key point in the field of nuclear toxicology studies. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 593.	3.0	34
18	Metal(loid)s and radionuclides cytotoxicity in <i>Saccharomyces cerevisiae</i> . Role of YCF1, glutathione and effect of buthionine sulfoximine. <i>Biochimie</i> , 2006, 88, 1651-1663.	2.6	32

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19	Speciation Studies on DTPA Using the Complementary Nature of Electrospray Ionization Mass Spectrometry and Time-Resolved Laser-Induced Fluorescence. <i>Applied Spectroscopy</i> , 2003, 57, 1151-1161.	2.2	31
20	Uranium speciation in biological medium by means of capillary electrophoresis and time-resolved laser-induced fluorescence. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1997, 226, 145-148.	1.5	29
21	Investigations by time-resolved laser-induced fluorescence and capillary electrophoresis of the uranyl-phosphate species: application to blood serum. <i>Journal of Alloys and Compounds</i> , 1998, 271-273, 106-111.	5.5	29
22	<i>In Vitro</i> Solubility of Uranium Tetrafluoride with Oxidizing Medium Compared with <i>In Vivo</i> Solubility in Rats. <i>International Journal of Radiation Biology</i> , 1990, 58, 681-689.	1.8	27
23	Comparison of Prussian blue and apple-pectin efficacy on ¹³⁷ Cs decorporation in rats. <i>Biochimie</i> , 2006, 88, 1837-1841.	2.6	27
24	Organically bound tritium (OBT) behaviour and analysis: outcomes of the seminar held in Balaruc-les-Bains in May 2012. <i>Radioprotection</i> , 2013, 48, 127-144.	1.0	27
25	Absorption of plutonium compounds in the respiratory tract. <i>Journal of Radiological Protection</i> , 2010, 30, 5-21.	1.1	25
26	A modelling exercise on the importance of ternary alkaline earth carbonate species of uranium(VI) in the inorganic speciation of natural waters. <i>Applied Geochemistry</i> , 2015, 55, 192-198.	3.0	24
27	Biokinetic data and models for occupational intake of lanthanoids. <i>International Journal of Radiation Biology</i> , 2014, 90, 996-1010.	1.8	23
28	Current and future radionuclide speciation studies in biological media. <i>Radiation Protection Dosimetry</i> , 2007, 127, 97-102.	0.8	20
29	From cell to man: Evaluation of osteopontin as a possible biomarker of uranium exposure. <i>Environment International</i> , 2011, 37, 657-662.	10.0	19
30	An interdisciplinary approach to investigate the impact of cobalt in human keratinocyte cell line. <i>Biochimie</i> , 2006, 88, 1619-1629.	2.6	18
31	Neptunium uptake by serum transferrin. <i>FEBS Journal</i> , 2005, 272, 1739-1744.	4.7	17
32	Influence of uranium(VI) speciation for the evaluation of in vitro uranium cytotoxicity on LLC-PK ₁ cells. <i>Human and Experimental Toxicology</i> , 1999, 18, 180-187.	2.2	16
33	Assessment Of Physico-Chemical And Biokinetic Properties Of Uranium Peroxide Hydrate UO ₄ . <i>Health Physics</i> , 1998, 75, 389-397.	0.5	13
34	Comparative absorption parameters of Pu and Am from PuO ₂ and mixed oxide aerosols measured after in vitro dissolution test and inhalation in rats. <i>International Journal of Radiation Biology</i> , 2004, 80, 777-785.	1.8	12
35	Influence of thermodynamic database on the modelisation of americium(III) speciation in a simulated biological medium. <i>Radiochimica Acta</i> , 2005, 93, 715-718.	1.2	12
36	Interprétation des données physico-chimiques et biocinétiques pour le calcul de dose : exemple d'un composé industriel UO ₂ appauvri fabriqué pour le combustible MOX. <i>Radioprotection</i> , 1997, 32, 319-330.	1.0	10

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37	Synthesis of 3,4,3 LI 1,2 HOPO labelled with ¹⁴ C. Journal of Labelled Compounds and Radiopharmaceuticals, 2001, 44, 13-19.	1.0	10
38	Métrieologie du tritium dans différentes matrices : cas du tritium organiquement lié (TOL). Radioprotection, 2010, 45, 369-390.	1.0	10
39	The effects of the initial lung deposit on uranium biokinetics after administration as UF ₄ and UO ₄ . International Journal of Radiation Biology, 1999, 75, 373-377.	1.8	9
40	Poisonous polonium. Nature Chemistry, 2014, 6, 454-454.	13.6	9
41	MEDOR, a didactic tool to support interpretation of bioassay data after internal contamination by actinides. Radiation Protection Dosimetry, 2007, 127, 350-355.	0.8	7
42	Development of an in vitro test for screening of chelators of uranium. Analisis - European Journal of Analytical Chemistry, 1999, 27, 65-68.	0.4	6
43	The use of SIMS for uranium localization in biological research. Journal of Alloys and Compounds, 1998, 271-273, 19-24.	5.5	5
44	Study of Np speciation in citrate medium. Radiochimica Acta, 2007, 95, 371-379.	1.2	5
45	œReference waters in French laboratories involved in tritium monitoring: how tritium-free are they?. Radioprotection, 2014, 49, 143-145.	1.0	5
46	Uranium-induced Vasoreactivity in Isolated Glomeruli and Cultured Rat Mesangial Cells. Toxicology in Vitro, 1999, 13, 707-711.	2.4	4
47	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2000, 243, 323-337.	1.5	4
48	Analytical tools for speciation in the field of toxicology. Radiochimica Acta, 2013, 101, 349-357.	1.2	4
49	French experience in the field of internal dosimetry assessment at a nuclear workplace: Methods and results on industrial uranium dioxide. Journal of Radioanalytical and Nuclear Chemistry, 1995, 197, 161-172.	1.5	3
50	Radionuclide biokinetics database (RBDATA-EULEP): an update. Radiation Protection Dosimetry, 2004, 112, 535-536.	0.8	3
51	Interprétation des données physico-chimiques et biochimiques pour le calcul de dose : exemple d'un composé industriel UO ₂ appauvri fabriqué pour le combustible MOX. Radioprotection, 1997, 32, 603-615.	1.0	3
52	Etude de la spéciation de l'uranium en milieu biologique par Electrophorèse Capillaire et Spectrofluorimétrie Laser à Solution Temporelle. Radioprotection, 1997, 32, 645-657.	1.0	2
53	Methodology for uranium compounds characterization applied to biomedical monitoring. Journal of Radioanalytical and Nuclear Chemistry, 1992, 161, 79-87.	1.5	1
54	Synthese d'une serie de calix[8]arenes marques au carbone 14. Journal of Labelled Compounds and Radiopharmaceuticals, 1995, 36, 301-306.	1.0	1

#	ARTICLE	IF	CITATIONS
55	Development of a database: DACTARI for a radiotoxic element ranking methodology. Radiation Protection Dosimetry, 2007, 127, 526-530.	0.8	1
56	Quantum caesium. Nature Chemistry, 2015, 7, 360-360.	13.6	1
57	Plutonium in the environment: key factors related to impact assessment in case of an accidental atmospheric release. Radiochimica Acta, 2009, 97, 257-260.	1.2	0
58	Study of a protected catchment basin: analyses of anthropogenic radionuclides. Materials Research Society Symposia Proceedings, 2012, 1444, 229.	0.1	0
59	Interaction uranium-cellule cible : exemple de la transformation de particules d'UO ₄ dans le macrophage alvéolaire. Radioprotection, 1997, 32, 625-636.	1.0	0