

Evgeny E Tereshatov

List of Publications by Year in descending order

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39
papers

1,168
citations

567281

15
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377865

34
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39
all docs

39
docs citations

39
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation, speciation, and mechanism of astatine and bismuth extraction from nitric acid into 1-octanol and methyl anthranilate. Separation and Purification Technology, 2022, 282, 120088.	7.9	10
2	Compact automated apparatus for rapid astatine recovery from nitric acid media: Design, application, and impurity characterization. Chemical Engineering Journal, 2022, 442, 136176.	12.7	6
3	Rapid recovery of At-211 by extraction chromatography. Separation and Purification Technology, 2021, 256, 117794.	7.9	15
4	Effect of hydrophobic ionic liquids aqueous solubility on metal extraction from hydrochloric acid media: Mathematical modelling and trivalent thallium behavior. Separation and Purification Technology, 2021, 255, 117650.	7.9	9
5	Valence states of cyclotron-produced thallium. New Journal of Chemistry, 2021, 45, 3377-3381.	2.8	8
6	Rapid extraction of short-lived isotopes from a buffer gas cell for use in gas-phase chemistry experiments, Part II: On-line studies with short-lived accelerator-produced radionuclides. Nuclear Instruments & Methods in Physics Research B, 2021, 507, 27-35.	1.4	2
7	Extraction and separation of iridium(IV) and rhodium(III) from hydrochloric acid media by a quaternary ammonium-based hydrophobic eutectic solvent. Separation and Purification Technology, 2021, 278, 118814.	7.9	10
8	Hydrophobic amine-based binary mixtures of active pharmaceutical and food grade ingredients: characterization and application in indium extraction from aqueous hydrochloric acid media. Green Chemistry, 2020, 22, 7047-7058.	9.0	15
9	K -shell internal conversion coefficient for M4 decay of the 30.8 keV isomer in Nb93. Physical Review C, 2020, 102, .	2.9	2
10	Search for elements 119 and 120. Physical Review C, 2020, 102, .	2.9	41
11	Astatine partitioning between nitric acid and conventional solvents: indication of covalency in ketone complexation of AtO ⁺ . Chemical Communications, 2020, 56, 9004-9007.	4.1	13
12	Indium and thallium extraction into betainium bis(trifluoromethylsulfonyl)imide ionic liquid from aqueous hydrochloric acid media. New Journal of Chemistry, 2020, 44, 2527-2537.	2.8	16
13	Effect of aqueous hydrochloric acid and zwitterionic betaine on the mutual solubility between a protic betainium-based ionic liquid and water. Journal of Molecular Liquids, 2019, 276, 296-306.	4.9	12
14	Hydrophobic polymerized ionic liquids for trace metal solid phase extraction: thallium transfer from hydrochloric acid media. New Journal of Chemistry, 2019, 43, 8958-8969.	2.8	6
15	leading to		

#	ARTICLE	IF	CITATIONS
19	Hot fusion-evaporation cross sections of $^{238}\text{U} + ^{48}\text{Ca}$ induced evaporation residue excitation function measurements in $^{238}\text{U} + ^{48}\text{Ca}$ system. Physical Review C, 2015, 92, .	2.9	7
20	Hot fusion-evaporation cross sections of $^{238}\text{U} + ^{48}\text{Ca}$ induced evaporation residue excitation function measurements in $^{238}\text{U} + ^{48}\text{Ca}$ system. Physical Review C, 2015, 92, .	2.9	20
21	Hot fusion-evaporation cross sections of $^{238}\text{U} + ^{48}\text{Ca}$ induced evaporation residue excitation function measurements in $^{238}\text{U} + ^{48}\text{Ca}$ system. Physical Review C, 2015, 92, .	2.9	5
22	Resin Ion Exchange and Liquid-Liquid Extraction of Indium and Thallium from Chloride Media. Solvent Extraction and Ion Exchange, 2015, 33, 607-624.	2.0	17
23	Hot fusion-evaporation cross sections of $^{238}\text{U} + ^{48}\text{Ca}$ induced evaporation residue excitation function measurements in $^{238}\text{U} + ^{48}\text{Ca}$ system. Physical Review C, 2015, 92, .	7.8	220
24	The Radiochemical Analysis of Gaseous Samples (RAGS) apparatus for nuclear diagnostics at the National Ignition Facility (invited). Review of Scientific Instruments, 2012, 83, 10D917.	1.3	29
25	Procedures for Db chemical characterization in off-line experiments. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 331-337.	1.5	2
26	Isocratic anion exchange separations of Group V elements. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 9-16.	1.5	3
27	Relatively Long-Lived Dubnium Isotopes and Chemical Identification of Superheavy Elements. , 2010, . . Attempt to produce the isotopes of element 108 in the fusion reaction $^{238}\text{U} + ^{48}\text{Ca}$. Physical Review C, 2010, 81, 044602.		0
28	Hot fusion-evaporation cross sections of $^{238}\text{U} + ^{48}\text{Ca}$ induced evaporation residue excitation function measurements in $^{238}\text{U} + ^{48}\text{Ca}$ system. Physical Review C, 2010, 81, 044602.	1.5	3
29	A simple and quick method for the preparation of radionuclide $^{87}\text{Y}/^{87}\text{mSr}$ generator using the $^{87}\text{Rb}(p,n)^{87}\text{Y}$ reaction. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 341-343.	1.5	4
30	Separation of group five elements by reversed-phase chromatography. Journal of Radioanalytical and Nuclear Chemistry, 2008, 275, 651-657.	1.5	8
31	Thermochemical and Physical Properties of Element 112. Angewandte Chemie - International Edition, 2008, 47, 3262-3266.	13.8	89
32	Cation-exchange separation of Group V elements: Model experiments on isolation and chemical identification of Db. Radiochemistry, 2008, 50, 290-293.	0.7	3
33	Ion-exchange separation of Zr and Hf microamounts in dilute HCl/HF solutions: A model system for chemical identification of Rf and study of its properties. Radiochemistry, 2008, 50, 381-385.	0.7	6
34	Confirmation Of Super Heavy Element Production In ^{48}Ca Induced Fusion Reactions A Handshake Of Physics And Chemistry For Element 112. AIP Conference Proceedings, 2008, . .	0.4	0
35	Radiochemical Separation of Zr and Hf by Cation Exchange Chromatography in HCl/HF Solutions: A Model System for the Chemical Identification and Study of Rf. AIP Conference Proceedings, 2007, . .	0.4	0
36	Radiochemical Separation of Group 5 Elements. Model Experiments for Investigation of Dubnium Chemical Behaviour. AIP Conference Proceedings, 2007, . .	0.4	0

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37	Chemical Identification of a Long-Lived Isotope of Dubnium, a Descendant of Element 115. Nuclear Physics A, 2007, 787, 388-395.	1.5	36
38	Chemical characterization of element 112. Nature, 2007, 447, 72-75.	27.8	282
39	Confirmation of the Decay of $^{283}112$ and First Indication for Hg-like Behavior of Element 112. Nuclear Physics A, 2007, 787, 373-380.	1.5	29