

# Zeynep Talip

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

656  
citations

687363

13  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosorption of lanthanum and cerium from aqueous solutions by <i>Platanus orientalis</i> leaf powder. <i>Hydrometallurgy</i> , 2008, 90, 13-18.	4.3	166
2	Evolution of spent nuclear fuel in dry storage conditions for millennia and beyond. <i>Journal of Nuclear Materials</i> , 2014, 451, 198-206.	2.7	60
3	Production and characterization of no-carrier-added <sup>161</sup> Tb as an alternative to the clinically-applied <sup>177</sup> Lu for radionuclide therapy. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 12.	3.9	56
4	Raman and X-ray Studies of Uranium-Lanthanum Mixed Oxides Before and After Air Oxidation. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2278-2285.	3.8	54
5	Developments toward the Implementation of <sup>44</sup> Sc Production at a Medical Cyclotron. <i>Molecules</i> , 2020, 25, 4706.	3.8	38
6	A Step-by-Step Guide for the Novel Radiometal Production for Medical Applications: Case Studies with <sup>68</sup> Ga, <sup>44</sup> Sc, <sup>177</sup> Lu and <sup>161</sup> Tb. <i>Molecules</i> , 2020, 25, 966.	3.8	36
7	Determination of <sup>161</sup> Tb half-life by three measurement methods. <i>Applied Radiation and Isotopes</i> , 2020, 159, 109085.	1.5	25
8	CERN-MEDICIS: A Review Since Commissioning in 2017. <i>Frontiers in Medicine</i> , 2021, 8, 693682.	2.6	22
9	TEM study of alpha-damaged plutonium and americium dioxides. <i>Journal of Materials Research</i> , 2015, 30, 1544-1554.	2.6	20
10	Raman microspectroscopic studies of unirradiated homogeneous (U <sub>0.76</sub> Pu <sub>0.24</sub> )O <sub>2+x</sub> : the effects of Pu content, non-stoichiometry, self-radiation damage and secondary phases. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 765-772.	2.5	19
11	Cross section measurement of terbium radioisotopes for an optimized <sup>155</sup> Tb production with an 18 MeV medical PET cyclotron. <i>Applied Radiation and Isotopes</i> , 2022, 184, 110175.	1.5	18
12	Characterization of un-irradiated MIMAS MOX fuel by Raman spectroscopy and EPMA. <i>Journal of Nuclear Materials</i> , 2018, 499, 88-97.	2.7	17
13	Simultaneous Visualization of <sup>161</sup> Tb- and <sup>177</sup> Lu-Labeled Somatostatin Analogues Using Dual-Isotope SPECT Imaging. <i>Pharmaceutics</i> , 2021, 13, 536.	4.5	17
14	Implementation of a new separation method to produce qualitatively improved <sup>64</sup> Cu. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 460-470.	1.0	14
15	In Vivo Imaging of Local Inflammation: Monitoring LPS-Induced CD80/CD86 Upregulation by PET. <i>Molecular Imaging and Biology</i> , 2021, 23, 196-207.	2.6	12
16	Production of Mass-Separated Erbium-169 Towards the First Preclinical in vitro Investigations. <i>Frontiers in Medicine</i> , 2021, 8, 643175.	2.6	11
17	Efficient Production of High Specific Activity Thulium-167 at Paul Scherrer Institute and CERN-MEDICIS. <i>Frontiers in Medicine</i> , 2021, 8, 712374.	2.6	11
18	A mass spectrometry method for quantitative and kinetic analysis of gas release from nuclear materials and its application to helium desorption from UO <sub>2</sub> and fission gas release from irradiated fuel. <i>Journal of Nuclear Science and Technology</i> , 2014, 51, 700-711.	1.3	10

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19	Analysis of the <sup>148</sup> Gd and <sup>154</sup> Dy Content in Proton-Irradiated Lead Targets. Analytical Chemistry, 2017, 89, 6861-6869.	6.5	7
20	Separation and recovery of exotic radiolanthanides from irradiated tantalum targets for half-life measurements. PLoS ONE, 2020, 15, e0235711.	2.5	7
21	Radiochemical Determination of Long-Lived Radionuclides in Proton-Irradiated Heavy-Metal Targets: Part I <sup>182</sup> Tantalum. Analytical Chemistry, 2017, 89, 13541-13549.	6.5	6
22	Activity standardisation of <sup>161</sup> Tb. Applied Radiation and Isotopes, 2020, 166, 109411.	1.5	5
23	Precise activity measurements of medical radionuclides using an ionization chamber: a case study with Terbium-161. EJNMMI Physics, 2022, 9, 19.	2.7	5
24	Chelation of Theranostic Copper Radioisotopes with S-Rich Macrocycles: From Radiolabelling of Copper-64 to In Vivo Investigation. Molecules, 2022, 27, 4158.	3.8	5
25	Determination of the gamma and X-ray emission intensities of erbium-169. Applied Radiation and Isotopes, 2021, 176, 109823.	1.5	4
26	Radiochemical Determination of Long-Lived Radionuclides in Proton-Irradiated Heavy Metal Targets: Part II Tungsten. Analytical Chemistry, 2021, 93, 10798-10806.	6.5	3
27	Determination of the gamma and X-ray emission intensities of terbium-161. Applied Radiation and Isotopes, 2021, 174, 109770.	1.5	3
28	Ytterbium-175 half-life determination. Applied Radiation and Isotopes, 2021, 176, 109893.	1.5	3
29	Non-conventional radionuclides: The pursuit for perfection. , 2022, , 133-142.		1
30	High precision half-life measurement of the extinct radio-lanthanide Dysprosium-154. Scientific Reports, 2022, 12, .	3.3	1