# Saed Mirzadeh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3245207/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 40 papers | 2,067 citations | 304743 22 h-index | 302126 39 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 1644 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In vivo studies of fullerene-based materials using endohedral metallofullerene radiotracers. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 5182-5187. | 7.1 | 302 |
| 2 | Metallofullerene drug design. Coordination Chemistry Reviews, 1999, 190-192, 199-207. | 18.8 | 157 |
| 3 | Production of actinium-225 for alpha particle mediated radioimmunotherapy. Applied Radiation and Isotopes, 2005, 62, 667-679. | 1.5 | 126 |
| 4 | The Chemical Fate of <sup>212</sup>Bi-DOTA Formed by Î²<sup>-</sup> Decay of <sup>212</sup>Pb(DOTA)2<sup>-</sup>***. Radiochimica Acta, 1993, 60, 1-10. | 1.2 | 117 |
| 5 | Improved in Vivo Stability of Actinium-225 Macrocyclic Complexes. Journal of Medicinal Chemistry, 1999, 42, 2988-2992. | 6.4 | 103 |
| 6 | Gold Coated Lanthanide Phosphate Nanoparticles for Targeted Alpha Generator Radiotherapy. PLoS ONE, 2013, 8, e54531. | 2.5 | 99 |
| 7 | LaPO<sub>4</sub> Nanoparticles Doped with Actinium-225 that Partially Sequester Daughter Radionuclides. Bioconjugate Chemistry, 2011, 22, 766-776. | 3.6 | 96 |
| 8 | Comparison of 225actinium chelates: tissue distribution and radiotoxicity. Nuclear Medicine and Biology, 1999, 26, 581-589. | 0.6 | 83 |
| 9 | 212Pb@C60and Its Water-Soluble Derivatives:Â Synthesis, Stability, and Suitability for Radioimmunotherapy. Journal of the American Chemical Society, 2007, 129, 5131-5138. | 13.7 | 76 |
| 10 | Evaluation of 225Ac for Vascular Targeted Radioimmunotherapy of Lung Tumors. Cancer Biotherapy and Radiopharmaceuticals, 2000, 15, 235-244. | 1.0 | 75 |
| 11 | Prolonged survival in secondary glioblastoma following local injection of targeted alpha therapy with 213Bi-substance P analogue. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1636-1644. | 6.4 | 75 |
| 12 | Safety and efficacy of targeted alpha therapy with 213Bi-DOTA-substance P in recurrent glioblastoma. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 614-622. | 6.4 | 69 |
| 13 | Toward fullerene-based radiopharmaceuticals: high-yield neutron activation of endohedral 165Ho metallofullerenes. Chemical Physics Letters, 1999, 308, 329-336. | 2.6 | 68 |
| 14 | Large scale accelerator production of 225Ac: Effective cross sections for 78â€“192 MeV protons incident on 232Th targets. Applied Radiation and Isotopes, 2016, 118, 366-374. | 1.5 | 68 |
| 15 | Vascular Targeted Radioimmunotherapy with 213Biâ€”An Î±-Particle Emitter. Nuclear Medicine and Biology, 1998, 25, 241-246. | 0.6 | 67 |
| 16 | Generator-produced alpha-emitters. Applied Radiation and Isotopes, 1998, 49, 345-349. | 1.5 | 54 |
| 17 | Synthesis and characterization of lanthanum phosphate nanoparticles as carriers for 223Ra and 225Ra for targeted alpha therapy. Nuclear Medicine and Biology, 2015, 42, 614-620. | 0.6 | 54 |
| 18 | In vivoSPECT/CT imaging and biodistribution using radioactive Cd125mTe/ZnS nanoparticles. Nanotechnology, 2007, 18, 175103. | 2.6 | 40 |

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|---|---|---|---|
| 19 | LnPO<sub>4</sub>Nanoparticles Doped with Ac-225 and Sequestered Daughters for Targeted Alpha Therapy. Cancer Biotherapy and Radiopharmaceuticals, 2014, 29, 34-41. | 1.0 | 40 |
| 20 | Automated cassette-based production of high specific activity [ 203/212 Pb]peptide-based theranostic radiopharmaceuticals for image-guided radionuclide therapy for cancer. Applied Radiation and Isotopes, 2017, 127, 52-60. | 1.5 | 36 |
| 21 | Simultaneous Separation of Actinium and Radium Isotopes from a Proton Irradiated Thorium Matrix. Scientific Reports, 2017, 7, 8216. | 3.3 | 34 |
| 22 | Reactor production of Thorium-229. Applied Radiation and Isotopes, 2016, 114, 19-27. | 1.5 | 33 |
| 23 | Gold-coated lanthanide phosphate nanoparticles for an <sup>225</sup>Ac in vivo alpha generator. Radiochimica Acta, 2013, 101, 595-600. | 1.2 | 23 |
| 24 | 203/212Pb Theranostic Radiopharmaceuticals for Image-guided Radionuclide Therapy for Cancer. Current Medicinal Chemistry, 2020, 27, 7003-7031. | 2.4 | 23 |
| 25 | Gadolinium vanadate nanocrystals as carriers of Î±-emitters (225Ac, 227Th) and contrast agents. Journal of Applied Physics, 2019, 125, . | 2.5 | 22 |
| 26 | Multifunctional GdVO<sub>4</sub>:Eu coreâ€“shell nanoparticles containing<sup>225</sup>Ac for targeted alpha therapy and molecular imaging. Journal of Materials Chemistry B, 2018, 6, 7985-7997. | 5.8 | 21 |
| 27 | Numerical evaluation of the production of radionuclides in a nuclear reactor (Part I). Applied Radiation and Isotopes, 1998, 49, 379-382. | 1.5 | 18 |
| 28 | Neutron flux characterization of a peripheral target position in the High Flux Isotope Reactor. Applied Radiation and Isotopes, 2003, 59, 63-72. | 1.5 | 14 |
| 29 | Vascular Targeting for Radioimmunotherapy with 213Bi. Radiochimica Acta, 1997, 79, 87-92. | 1.2 | 10 |
| 30 | Thermoseparation of Neutron-Irradiated Tungsten from Re and Os. Industrial & Engineering Chemistry Research, 2000, 39, 3169-3172. | 3.7 | 10 |
| 31 | Synthesis and characterization of intrinsically radiolabeled lanthanide phosphate nanoparticles toward biomedical and environmental applications. Journal of Nanoparticle Research, 2018, 20, 1. | 1.9 | 10 |
| 32 | Reactor production of promethium-147. Applied Radiation and Isotopes, 2019, 144, 54-63. | 1.5 | 10 |
| 33 | Quantitative encapsulation and retention of<sup>227</sup>Th and decay daughters in coreâ€“shell lanthanum phosphate nanoparticles. Nanoscale, 2020, 12, 9744-9755. | 5.6 | 10 |
| 34 | Biodistribution of 225Ra citrate in mice: retention of daughter radioisotopes in bone. Nuclear Medicine and Biology, 2005, 32, 859-867. | 0.6 | 9 |
| 35 | Encapsulation and retention of <sup>225</sup>Ac, <sup>223</sup>Ra, <sup>227</sup>Th, and decay daughters in zircon-type gadolinium vanadate nanoparticles. Radiochimica Acta, 2020, 108, 967-977. | 1.2 | 5 |
| 36 | Synthesis and Stability of Actinium-225 Endohedral Fullerenes, <sup>225</sup>Ac@C<sub>60</sub>. ACS Omega, 2020, 5, 27016-27025. | 3.5 | 3 |

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|---|---|---|---|
| 37 | Tailoring the Radionuclide Encapsulation and Surface Chemistry of La(223Ra)VO4 Nanoparticles for Targeted Alpha Therapy. Journal of Nanotheranostics, 2021, 2, 33-50. | 3.1 | 3 |
| 38 | Measurement of neutron capture cross section of 187W for production of 188W. Applied Radiation and Isotopes, 2019, 148, 191-196. | 1.5 | 2 |
| 39 | Nuclear data for reactor production of 131Ba and 133Ba. Applied Radiation and Isotopes, 2021, 172, 109645. | 1.5 | 1 |
| 40 | Microfluidics-based separation of actinium-225 from radium-225 for medical applications. Separation Science and Technology, 2019, 54, 1994-2002. | 2.5 | 0 |