

Chirag K Vyas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

155
citations

1478505

6
h-index

1199594

12
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19
all docs

19
docs citations

19
times ranked

200
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Harvesting ^{62}Zn from an aqueous cocktail at the NSCL. <i>New Journal of Chemistry</i> , 2020, 44, 20861-20870. | 2.8 | 3 |
| 2 | Red Blood Cell Membrane Bioengineered Zr-89 Labelled Hollow Mesoporous Silica Nanosphere for Overcoming Phagocytosis. <i>Scientific Reports</i> , 2019, 9, 7419. | 3.3 | 31 |
| 3 | Chitosan-TiO ₂ composite: A potential $^{68}\text{Ge}/^{68}\text{Ga}$ generator column material. <i>Applied Radiation and Isotopes</i> , 2019, 149, 206-213. | 1.5 | 2 |
| 4 | One-pot synthesis of chelator-free ^{89}Zr -incorporated hierarchical hematite nanoclusters for in vitro evaluation. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1. | 1.9 | 4 |
| 5 | Synthesis and evaluation of triphenylphosphonium conjugated ^{18}F -labeled silica nanoparticles for PET imaging. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 1099-1106. | 1.5 | 5 |
| 6 | Regioselective Iodination of Electron-Rich Coumarin Derivatives using Benzyltrimethylammonium Dichloroiodate with Zinc Chloride. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 808-811. | 1.9 | 0 |
| 7 | Acid resistant zirconium phosphate for the long term application of $^{68}\text{Ge}/^{68}\text{Ga}$ generator system. <i>Applied Radiation and Isotopes</i> , 2016, 118, 343-349. | 1.5 | 6 |
| 8 | Phosphonates as alternative to tributyl phosphate for the separation of actinides from fission products. <i>Radiochimica Acta</i> , 2015, 103, 277-285. | 1.2 | 4 |
| 9 | Preferential leaching of Sr from mixed (Th/Sr) oxide. <i>Desalination and Water Treatment</i> , 2014, 52, 476-480. | 1.0 | 0 |
| 10 | Perchloric acid: A promising medium for the chromatographic separation of ^{90}Y from ^{90}Sr . <i>Separation and Purification Technology</i> , 2014, 124, 179-185. | 7.9 | 5 |
| 11 | Tetraethyl ammonium hydroxide (TEAH) as etchant of CR-39 for the determination of fluence of alpha particles. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 325, 47-53. | 1.4 | 10 |
| 12 | Separation of ^{90}Y from ^{90}Sr using sequential multiple column extraction chromatography. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 445-450. | 1.5 | 4 |
| 13 | A 2D DNA Lattice as an Ultrasensitive Detector for Beta Radiations. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2974-2979. | 8.0 | 32 |
| 14 | Distribution behavior of U(VI), Am(III) and Eu(III) on diglycolamide based extraction chromatographic resin in perchloric acid medium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1643-1650. | 1.5 | 2 |
| 15 | Development of optical monitor of alpha radiations based on CR-39. <i>Applied Radiation and Isotopes</i> , 2013, 81, 184-189. | 1.5 | 16 |
| 16 | Determination of alpha activity in organic solvents using CR-39. <i>Applied Radiation and Isotopes</i> , 2013, 78, 68-71. | 1.5 | 5 |
| 17 | Recovery and purification of Sr(II) in perchloric acid medium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 1737-1742. | 1.5 | 3 |
| 18 | A novel approach for preferential recovery of Sr from (Sr, Th)O ₂ . <i>Journal of Hazardous Materials</i> , 2012, 241-242, 340-347. | 12.4 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Online optical monitor of alpha radiations using a polymeric solid state nuclear track detector CR-39. Sensors and Actuators B: Chemical, 2012, 161, 697-701. | 7.8 | 16 |