



PUBLICATIONS

1. INTERNATIONAL/ NATIONAL JOURNALS

- (i) **Evaluation of selected solvent systems for the single-cycle separation of Am(III) from Eu(III) using aqueous soluble sulphonated Bis-triazinylpyridine**

Jeesmon Jose, T. Prathiba, N. S. Karthikeyan, B. Robertselvan, H. Seshadri, B. Venkatachalapathy and C. Ravichandran

Journal of Molecular Liquids, Volume No.306, May 15, 2020

- (ii) **Optimal Main Heat Transport system configuration for a Nuclear Power Plant**

Avinash J. Gaikwad, N. K. Maheshwari, Aniket Gupta, K. Obaidurrahman, Santosh K. Pradhan

Nuclear Engineering and Design, Volume 359, April 1, 2020 (110474)

- (iii) **Studies on the separation of Am (III) from Trivalent Lanthanides in HLW solution using modifier-free solvents and aqueous soluble Bis-1,2,3 Triazines**

Jeesmon Jose, T. Prathiba, N. S. Karthikeyan, K. A. Venkatesan, S. Sriram, H. Seshadri, B. Venkatachalapathy and C. Ravichandran

Journal of Radioanalytical and Nuclear Chemistry, Vol.326(1), (2020), (doi.org/10.1007/s10967-020-07442-9)

- (iv) **Structural and Optical properties of Ce-doped Strontium Borophosphate Glasses**

P. Ramakrishna, Sitakanta Panda, P. Vinodkumar, D. K. Mohapatra, H. N. Jena and B.S. Panigrahi

Indian Journal of Physics Accepted on August 25, 2020, (<https://doi.org/10.1007/s12648-020-01910-4>)

2. NATIONAL CONFERENCES /WORKSHOPS

- (i) **Synthesis, Characterisation and Evaluation of zerovalent iron particles towards nitrate removal from aqueous streams**

Hemapriya. S, Gomathi Sankar. G, Krishan Kumar, Seshadri. H,

Proc. of ICONSTEM 2020; July 15, 2020; Jeppiaar Engineering College, Chennai; p 219

- (ii) **Sequestration of Caesium by Cyanobacteria**

Sarah Madhurya M., Gomathy Shankar G., Seshadri H., Subba Rao T., Francis Vincent,

Proc. of ICONSTEM 2020; July 15, 2020; Jeppiaar Engineering College, Chennai; pp 291-292

- (iii) **Numerical Study of the Topographically Induced Flows over Kaiga**

Arun Aravind, C. V. Srinivas, R. Shrivastava, M. N. Hegde, B. N. Dileep, H. Seshadri and D. K. Mohapatra,

National Conference on Radiation Safety in Nuclear and Core Industries, Health Care and Environment (IARPNC-2020); BARC, Mumbai

- (iv) **Numerical model for Passive Containment Cooling with application to Concrete Containments**

K.N.V. Adinarayana, Seik Mansoor Ali and V. Balasubramaniyan

Proceedings of the 25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2019), December 28-31, 2019, IIT Roorkee, Roorkee, India, IHMTTC2019-POS-414