



Government of India

DEPARTMENT OF ATOMIC ENERGY



Board of Radiation & Isotope Technology

Select International Journal Publications From BRIT

Year	Journal	Authors	Title	Volume	Pageb
2018	Appl Radiat Isot.	Chattopadhyay S, Saha Das S, Barua L, Pal AK, Kumar U, Madhusmita, Alam MN, Hudait AK, Banerjee S.	A compact solvent extraction based $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$ generator for hospital radiopharmacy.	143	41
		Jain A, Mathur A, Pandey U, Sarma HD, Dash A.	Synthesis and evaluation of ^{68}Ga labeled palmitic acid for cardiac metabolic imaging.	140	35
2018	Curr Radiopharm.	Das T, Banerjee S, Shinto A, Kamaleshwaran KK, Sarma HD.	Preparation of therapeutic dose of ^{177}Lu -DOTA-TATE using a novel single vial freeze-dried kit: a comparison with 'in-situ' preparation at hospital radiopharmacy.	7	12
2018	J Lab Compds Radiopharm.	Kumar C, Sharma R, Das T, Korde A, Sarma H, Banerjee S, Dash A.	^{177}Lu -DOTMP induces G2/M cell cycle arrest and apoptosis in MG63 cell line.	61	837
		Vats K, Satpati D, Sharma R, Kumar C, Sarma HD, Banerjee S.	Preparation and comparative evaluation of $^{99\text{m}}\text{Tc}$ -HYNIC-cNGR and $^{99\text{m}}\text{Tc}$ -HYNIC-PEG2 -cNGR as tumor-targeting molecular imaging probes.	61	68
		Das S, Mathur A, Sakhare N, Mallia MB, Sarma HD, Sachdev SS, Dash A.	Synthesis and biodistribution studies of $^{99\text{m}}\text{Tc}$ labeled fatty acid derivatives prepared via "Click approach" for potential use in cardiac imaging.		
2018	J Nucl Med Technol.	Adnan A, Deep K, Kameswaran M, Nikam D, Chandrakala S, Dash A, Banerjee S, Basu S.	Biodistribution and Dosimetry of Indigenous ^{131}I -Rituximab in B-Cell Lymphoma: Pilot Study estimating patient specific dose comparing two different dosimetric methods.		

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2018	Nucl Med Commun.	Basu S, Parghane RV, Joshi A, Prabhash K, Banerjee S.	The rationality of combining second-generation antiandrogens with ¹⁷⁷ Lu-PSMA or its alpha-emitting congeners for better and durable results: will this dominate the therapeutic landscape and be an upfront consideration in metastatic castration-resistant pr	39	1061
2017	Clin Exp Metastasis	Das T, Banerjee S.	Radiopharmaceuticals for metastatic bone pain palliation: available options in the clinical domain and their comparisons.	34	1
2017	Annals of Nuclear Energy	D.K. Sahoo, P. Dewan, P. Srivastava, A.K. Kohli, I.P.S. Sandhu, Rajesh Kumari, D.R. Saroha, Anirben Guha, Asim Tewari, R.K. Singh	Performance of gamma chamber under blast loading.	105	240
2017	Appl Radiat Isot.	N. Lakshminarayan, Amit Kumar, Sushant Roy, Yogita Pawar, Pradip Chaudhari, M.G.R. Rajan	Improved method for preparing Ni(II) complex of (S)-Tyrosine Sciff base and its use in the automated synthesis of O-(2'-[F-18]Fluoroethyl)-L-Tyrosine [FET] using solid phase extraction purification.	127	122
		Das T, Shinto A, Kamaleshwaran KK, Sarma HD, Mohammed SK, Mitra A, Lad S, Rajan MGR, Banerjee S.	Radiochemical studies, pre-clinical evaluation of ¹⁷⁰ Tm-EDTMP prepared using in-house freeze-dried EDTMP kit.	122	7
2017	Bioorg Med Chem Lett.	Vats K, Subramanian S, Mathur A, Sarma HD, Banerjee S.	Radiosynthesis and evaluation of a ^{99m} Tc-folic acid radiotracer prepared using [^{99m} TcN(PNP)] ²⁺ metal fragment.	27	1329
2017	Cancer Biother Radiopharm.	Mathur A, Prashant V, Sakhare N, Chakraborty S, Vimalnath KV, Mohan RK, Arjun C, Karkhanis B, Seshan R, Basu S, Korde A, Banerjee S, Dash A, Sachdev SS.	Bulk scale formulation of therapeutic doses of clinical grade ready-to-use ¹⁷⁷ Lu-DOTA-TATE: The intricate aspects.	32	266
		Sharma R1, Kumar C1, Mallia MB1, Kameswaran M1, Sarma HD2, Banerjee S3, Dash A1.	In Vitro Evaluation of ¹⁸⁸ Re-HEDP: A Mechanistic View of Bone Pain Palliations.	32	184

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2017	Chem Biol & Drug Des	Vats K, Satpati D, Sharma R, Sarma HD, Banerjee S.	Synthesis and comparative in vivo evaluation of $^{99m}\text{Tc}(\text{CO})_3$ - labeled PEGylated and non-PEGylated cRGDFK peptide monomers.	89	371
2017	Clin Nucl Med.	Das T1, Shinto A, Kamaleshwaran KK, Banerjee S.	^{170}Tm -EDTMP: A Prospective Alternative of $^{89}\text{SrCl}_2$ for Theranostic Treatment of Metastatic Bone Pain.	42	235
2017	Eur J Nucl Med Mol Imaging	Basu S, Banerjee S.	Envisaging an alpha therapy programme in the atomic energy establishments: the priorities and the nuances.	44	1244
2017	J Lab Compds Radiopharm.	Chattopadhyay S, Alam MN, Smita M, Kumar U, Das SS, Barua L.	A simple method for preparation of pure ^{68}Ga -acetate precursor for formulation of radiopharmaceuticals: Physicochemical characteristics of the ^{68}Ga eluate of the SnO_2 based- $^{68}\text{Ge}/^{68}\text{Ga}$ column generator.	60	62
2017	J Radioanal Nucl Chem.	M.K. Das, S.S Das, M.A. Nayer, S. Chattopadhyay, L. Barua, S, Dutta	Separation of Mo from Nb, Zr and Y: Applicability in the purification of the recovered enriched ^{100}Mo used in the direct production of ^{99m}Tc in cyclotrons.	311	643
2017	Nucl Med Commun.	Ajit Shinto, Archana Mukherjee, Kamaleshwaran Koramadai Karuppusamy, Jephy Joseph, Jyotsna Bhatt, Aruna Korde, Indira Upadhya, Chanda Arjun, Grace Samuel, Ashutosh Dash.	Clinical utility of ^{99m}Tc -Ubiquicidin (29–41) as an adjunct to bone scan in differentiating infected versus non-infected loosening of prosthesis before revision surgery.	38	285
		Basu S, Banerjee S.	Developing a dedicated comprehensive α -radionuclide therapy program: should this be the vision of the atomic energy programs in the next decade?	38	103
2017	Procedia Engineering	D.K. Sahoo, J.V. Mane, P. Srivastava, A.K. Kohli, G. Ganesh	Numerical simulation and experimental drop testing of COCAM – 120 – An industrial radiography device.	173	1918
		D.K. Sahoo, Anirben Guha, Asim Tewari, R.K. Singh	Performance of monolithic plate and layered plates under blast load.	173	1909

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2017	Procedia Engineering	Saquib, D.K. Sahoo, P. Srivastava, A.K. Kohli, G. Ganesh	Performance of BLC-200 cask under 9m Drop Test.	173	455
2017	Rev Sci Instrum.	Vaishali Naik, Mahua Bhattacharjee, D. Lavanya Kumar, Prasanta Karmakar, Satyendra Das, Debashis Banerjee, Sankha Chattopadhyay, Luna Barua, Sujata Das, Asit Pal, Arup Bandopadhyay and Alok Chakrabarti	Radioactive ion beams of ^{111}In using ECR plasma sputtering method.	88	63308
2016	Acta Biomater.	Banerjee I, De K, Mukherjee D, Dey G, Chattopadhyay S, Mukherjee M, Mandal M, Bandyopadhyay AK, Gupta A, Ganguly S, Misra M.	Paclitaxel-loaded solid lipid nanoparticles modified with Tyr-3-Octreotide for enhanced anti-angiogenic and anti-glioma therapy.	38	69
2016	Appl Radiat Isot.	Jain A, Mathur A, Pandey U, Bhatt J, Mukherjee A, Ram R, Sarma H.D, Dash A.	Synthesis and evaluation of a ^{68}Ga labeled folic acid derivative for targeting folate receptors.	116	77
		Chanda Arjun, Archana Mukherjee, Jyotsna Bhatt, Pradip Chaudhari, Krishna Mohan Repaka, Meera Venkatesh, Grace Samuel	Studies on batch formulation of a kit for the preparation of the $^{99\text{m}}\text{Tc}$ -Ubiquidine (29-41): an infection imaging agent.	107	8
2016	Bioorg Med Chem Lett.	Jain A, Mathur A, Pandey U, Sarma HD, Dash A.	^{68}Ga labeled fatty acids for cardiac metabolic imaging: Influence of different bifunctional chelators..	26	5785
		Mallia MB, Mittal S, Sarma HD, Banerjee S.	Modulation of in vivo distribution through chelator: Synthesis and evaluation of a 2-nitroimidazole-dipicolylamine- $(^{99\text{m}}\text{Tc}(\text{CO})_3$ complex for detecting tumor hypoxia.	26	46

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2016	Cancer Biother Radiopharm.	Mallia MB, Shinto AS, Kameswaran M, Kamaleswaran KK, Kalarikal R, Aswathy KK, Banerjee S.	A Freeze-Dried Kit for the Preparation of (188)Re-HEDP for Bone Pain Palliation: Preparation and Preliminary Clinical Evaluation.	31	139
2016	Chem Biol & Drug Des	Satpati D, Arjun C, Krishnamohan R, Samuel G, Banerjee S.	⁶⁸ Ga-labeled Ciprofloxacin conjugates as radiotracers for targetting bacterial infection.	87	680
2016	Clin Nuc Medicine	Das T, Shinto A, Kamaleswaran KK, Banerjee, S	Theranostic treatment of of metastatic bone pain with ¹⁷⁷ Lu-DOTMP	41	966
2016	Curr Radiopharm.	Das T, Banerjee S.	Theranostic Applications of Lutetium-177 in Radionuclide Therapy.	9	94
		Bal C, Arora G, Kumar P, Damle N, Das T, Chakraborty S, Banerjee S, Venkatesh M, Zaknun JJ, Pillai MR.	Pharmacokinetic, Dosimetry and Toxicity Study of ¹⁷⁷ Lu-EDTMP in Patients: Phase 0/I study.	9	71
		Chakraborty S, Balogh L, Das T, Polyák A, Andócs G, Máthé D, Király R, Thuróczy J, Chaudhari PR, Jánoki GA, Jánoki G, Banerjee S, Pillai MR.	Evaluation of ¹⁷⁷ Lu-EDTMP in Dogs with Spontaneous Tumor Involving Bone: Pharmacokinetics, Dosimetry and Therapeutic Efficacy.	9	64
2016	J Nanoparticle Res.	S. Ganguly, R.H. Gaonkar, S. Sinha, A. Gupta, D. Chattopadhyay, S.S. Sachdev, M.C. Debnath	Fabrication of surfactant-free quercetin-loaded PLGA nanoparticles: evaluation of hepatoprotective efficacy by nuclear scintigraphy.	18	196
2016	J Radioanal Nucl Chem.	M.K. Das, S. Chattopadhyay, S.S Das, L. Barua, M.A. Nayer, U. Kumar	Production and separation of ^{99m} Tc from cyclotron irradiated ¹⁰⁰ /natMo targets: a new automated module for separation of ^{99m} Tc from Molybdenum targets.	310	423
		Vats, K., Mallia, M.B., Mathur, A., Sarma, H.D., Banerjee, S.	Synthesis and evaluation of a novel ^{99m} TcN(PNP) Complex with Metronidazole Isocyanide ligand as a marker for Tumor Hypoxia.	308	363

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2016	J Radioanal Nucl Chem.	Ghosh S, Das T, Sarma HD, Banerjee S	Preparation and Preliminary bioevaluation of ⁶⁸ Ga-oxine in lipiodol as a potential liver imaging agent		
2016	Mol imaging Biol.	Satpati D, Shinto A, Kamaleshwaran KK, Sane S3=, Banerjee S.	Convenient Preparation of [(⁶⁸ Ga)DKFZ-PSMA-11 Using a Robust Single-Vial Kit and Demonstration of Its Clinical Efficacy.	18	420
2016	Nucl Med Biol.	Das T, Bhadwal M, Banerjee S	Formulation of clinical scale ¹⁷⁷ Lu-PSMA-617 : From laboratory to clinics	43	836
		Das T, Guleria M, Parab A, Kale C, Shah HJ, Sarma HD, Lele VR, Banerjee S.	Clinical translation of ¹⁷⁷ Lu-labeled PSMA-617 : Initial Experience in prostate cancer patients	43	296
2016	Radiation Protection and Environment	R.V. Kolekar, Anita Gadgil, S.P.D. Bhade, Priyanka Reddy, Prashant Bhandarkar, N. Roy, S.P. Patil, Rajvir Singh	Study on urea breath test: a tool for Helicobacter pylori infection.	39	146
2016	Radioanal. & Nucl. Chem.	S. Chattopadhyay, M. Alam, M. Smita, U. Kumar, S.S. Das, L. Barua	A simple method for preparation of pure ⁶⁸ Ga-Acetate precursor for formulation of radiopharmaceuticals: Physicochemical characteristics of the ⁶⁸ Ga eluate of the SnO ₂ based ⁶⁸ Ge/ ⁶⁸ Ga column generator.	60	62
2016	RSC Adv.	Sakhare, N., Das, S., Mathur, A., Mirapurkar, S.M., Paradkar, S., Sarma, H.D., Sachdev, S.S.	Synthesis and characterization of a novel ^{99m} Tc analogue of ¹³¹ I-mIBG showing affinity for nor-epinephrine transport positive tumors.	6	64902
		Satpati D, Satpati A, Pamale Y, Kumar C, Sharma R, Sarma HD, Banerjee S	¹⁷⁷ Lu-Labeled carbon nanospheres : A new entry in the field of targeted radionanomedicine	6	50761
2015	Annals of Nuclear Energy	Kuldeep Sharma, Anirben Guha, Dnyanesh n. Pawaskar, R.K. Singh	Impact stress reduction by shell splitting in cask for transporting radioactive material.	79	111

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2015	Appl Radiat Isot.	Korde A, Kameswaran M, Satpati D, Dev Sarma H, Banerjee S, Shinto A, Kamaleshwaran KK, Samuel G.	Single vial freeze-dried TRODAT-1 kit: preparation and demonstration of clinical efficacy of [(99m)Tc]TRODAT-1 in Indian scenario.	96	57
2015	Cancer Biotherap Radiopharm.	Mallia MB, Mathur A, Sarma HD, Banerjee S.	A 99m Tc-Labeled Misonidazole Analogue: Step Toward a 99m Tc-Alternative to [18 F]Fluromisonidazole for Detecting Tumor Hypoxia	30	79
2015	Chem Biol & Drug Des	Baishya R, Nayak DK, Karmakar S, Chattopadhyay S, Sachdeva SS, Sarkar BR, Ganguly S, Debnath MC.	Synthesis and Evaluation of Technetium-99m Labeled Bioreductive Pharmacophores Conjugated with Amino Acids and Peptides for Tumor Imaging □	85	504
2015	Chem Rev.	Banerjee S, Pillai MR, Knapp FF.	Lutetium-177 therapeutic radiopharmaceuticals: linking chemistry, radiochemistry, and practical applications.	115	2934
2015	J Lab Compds Radiopharm.	Mukherjee A, Lohar S, Dash A, □ Sarma D, Samuel G, Korde A.	Single vial kit formulation of DOTATATE for preparation of 177Lu-labeled therapeutic radiopharmaceutical at hospital □ radiopharmacy	58	166
2015	Mol Imaging Biol.	Bhadwal M, Das T, Dev Sarma H, Banerjee S.	Radiosynthesis and bioevaluation of [68Ga]-labeled 5,10,15,20-tetra(4-methylpyridyl)-porphyrin for possible application as a PET radiotracer for tumor imaging.	17	111
2015	Nucl Med Commun.	Subramanian S, Pandey U, Shah S, Rangarajan V, Samuel G.	An indigenous single-vial kit formulation of human serum albumin nanocolloid for use in sentinel lymph node detection.		
2015	World J Nucl Med.	Shinto AS, Kamaleshwaran KK, Mallia M, Korde A, Samuel G, Banerjee S, Velayutham P, Damodharan S, Sairam M.	Utility of (99m)Tc-Hynic-TOC in 131I Whole-Body Scan Negative Thyroid Cancer Patients with Elevated Serum Thyroglobulin Levels.	14	101

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2015	World J Nucl Med.	Shinto AS, Kamaleshwaran KK, Chakraborty S, Vyshakh K, Thirumalaisamy SG, Karthik S, Nagaprabhu VN, Vimalnath KV, Das T, Banerjee S.	Radiosynovectomy of Painful Synovitis of Knee Joints Due to Rheumatoid Arthritis by Intra-Articular Administration of (177)Lu-Labeled Hydroxyapatite Particulates: First Human Study and Initial Indian Experience.	14	81
2014	Ann Nucl Med.	Kameswaran M, Pandey U, Sarma HD, Samuel G.	Preparation of (99m)Tc carbonyl DTPA-bevacizumab and its bioevaluation in a melanoma model.	28	911
2014	Appl Radiat Isot.	Mukherjee A, Sahoo S, Sarma HD, Chakraborti CK, Samuel G.	Preparation and evaluation of three mucoadhesive dosage forms using (99m)Tc-Ofloxacin.	89	192
		Pandey U, Kameswaran M, Sarma HD, Samuel G.	99m-Tc carbonyl DTPA-rituximab: preparation and preliminary bioevaluation. □	86	52
2014	Asia Ocean J Nucl Med Biol.	Shinto AS, Kamaleshwaran K, Vyshakh K, Sudhakar N, Banerjee S, Korde A, Samuel G, Mallia M.	Clinical utility of indigenously formulated single-vial lyophilized HYNIC-TOC kit in evaluating Gastro-entero Pancreatic neuro endocrine tumours.	2	30
2014	Biomed Res Int.	Dey S, Chattopadhyay S, Mazumder B.	Formulation and Evaluation of Fixed-Dose Combination of Bilayer Gastroretentive Matrix Tablet Containing Atorvastatin as Fast-Release and Atenolol as Sustained-Release		
2014	Cancer Biother Radiopharm.	Das T, Sarma HD, Shinto A, Kamaleshwaran KK, Banerjee S.	Formulation, preclinical evaluation, and preliminary clinical investigation of an in-house freeze-dried EDTMP kit suitable for the preparation of 177Lu-EDTMP.	29	412
		Korde A, Mallia M, Shinto A, Sarma HD, Samuel G, Banerjee, S.	Improved Kit Formulation for Preparation of (99m)Tc-HYNIC-TOC: Results of Preliminary Clinical Evaluation in Imaging Patients with Neuroendocrine Tumors.	29	387
		Kumar C, Vats K, Lohar SP, Korde A, Samuel G.	Camptothecin Enhances Cell Death Induced by Lu-177-EDTMP in Osteosarcoma Cells	29	317
		Das T, Banerjee S.	Formulation of patient dose of ¹⁷⁷ Lu-DOTA-TATE in hospital radiopharmacy in India: preparation using in situ methodology vis-a-vis freeze-dried kit.	29	301
		Satpati D, Korde A, Sarma HD, Banerjee S.	Radiosynthesis and biological evaluation of 68Ga-labeled colchicine conjugates.	29	251

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2014	Curr Radiopharm.	Kumar C, Jayakumar S, Pandey BN, Samuel G, Venkatesh M.	Cellular and molecular effects of beta radiation from I-131 on human tumor cells: a comparison with gamma radiation. □	7	138
2014	Int J Biol Macromol.	Dey S, Mazumder B, Chattopadhyay S, Das MK, Sinha S, Ganguly S, De K, Mishra M.	Polymers Derived from Xanthomonas campesteris and Cyamopsis tetragonolobus use as Retardant Materials for the Formulation of Sustained Release Floating Matrix Tablet of Atenolol. □	65	346
2014	J Immunoassay Immunochem.	Vrinda PC, Paradkar SN, Samuel G, Sivaprasad N.	Design of immunoradiometric assay for gonadotrophins using a common detection antibody: An Experience. □		
2014	J Lab Compds Radiopharm.	Jindal A, Mathur A, Pandey U, Sarma HD, Chaudhari P, Dash A.	Development of ⁶⁸ Ga-labeled fatty acids for their potential use in cardiac metabolic imaging.	57	463
2014	J Nucl Med Technol.	Shinto AS, Shibu D, Kamaleshwaran KK, Das T, Chakraborty S, Banerjee S, Thirumalaisamy P, Das P, Veersekhar G.	¹⁷⁷ Lu-EDTMP for treatment of bone pain in patients with disseminated skeletal metastases.	42	55
2014	J Radioanal Nucl Chem.	Mukherjee A, Korde A, Sarma HD, Samuel G.	Single vial formulation for theranostic radiopharmaceutical preparation	302	889
		Murhekar VV, Mathur A, Prabhakar G, Karkhanis BP, Pilkhwal NS, Tiwari BK, Padmanabhan D, Samuel G, Sachdev SS.	Specific activity determination and stability studies of therapeutic ¹³¹ I-mIBG radiopharmaceutical □	302	883
		Arjun Chanda, K. P. Rawat, S. A. Khader, D. Padmanabhan, K. S. S. Sarma, Grace Samuel	Feasibility of in-house sterilization of laboratory plastic consumables using 2 MeV electron beam facility	302	
2014	J Radioanal Nucl Chem.	Indranil Banerjee, Kakali De, Sankha Chattopadhyay, Amal Kumar Bandyopadhyay, Mridula Misra	An easy and effective method for radiolabelling of solid lipid nanoparticles □	302	837

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2014	Nucl Med Biol.	Navin Sakhare, Soumen Das, Anupam Mathur, V.V. Murhekar, R. Krishna Mohan, G. Prabhakar, S.S. Sachdev	Synthesis of ^{99m} Tc analogue of ¹²³ I/ ¹³¹ I-mIBG for possible use in neuroendocrine tumor imaging □	41	624
		Mallia MB, Subramanian S, Mathur A, Sarma HD, Banerjee S.	A study on nitroimidazole- ^{99m} Tc(CO) ₃ complexes as hypoxia marker: some observations towards possible improvement in in vivo efficacy.	41	600
2014	Q J Nucl Med Mol Imaging.	Subramanian S, Pandey U, Morais M, Correia JD, Santos I, Samuel G.	Comparative biological evaluation of two [^{99m} Tc(CO) ₃]-dextran pyrazolyl mannose conjugates developed for use in sentinel lymph node detection.	58	216
		Subramanian S, Pandey U, Morais M, Correia JD, Santos I, Samuel G.	Comparative biological evaluation of two [^{99m} Tc(CO) ₃]-dextran pyrazolyl mannose conjugates developed for use in sentinel lymph node detection.	58	216
2014	World J Nucl Med.	Shinto AS, Antony J, Kamaleswaran K, Vijayan K, Selvan A, Korde A, Kameshwaran M, Samuel G.	Correlative (^{99m} Tc)-labeled tropane derivative single photon emission computer tomography and clinical assessment in the staging of Parkinson disease.	13	178
2013	Appl Radiat Isot.	Das SS1, Chattopadhyay S, Alam MN, Madhusmita, Barua L, Das MK.	Preparation and evaluation of SnO ₂ -based (⁶⁸ Ge)/(⁶⁸ Ga) generator made from (⁶⁸ Ge) produced through (nat)Zn(¹ ±,xn) reaction.	79	42
2013	Bioorg Med Chem Lett.	Mittal S, Bhadwal M, Chakraborty S, Sarma HD, Banerjee S, Pillai MR.	A novel concept of radiosynthesis of a (^{99m} Tc)-labeled dimeric RGD peptide as a potential radiotracer for tumor imaging.	23	1808
		Mathur A, Mallia MB, Banerjee S, Sarma HD, Pillai MR.	Preparation and evaluation of a ^{99m} TcN-PNP complex of sanazole analogue for detecting tumor hypoxia.	23	1394
2013	Cancer Biother Radiopharm.	Vats K, Das T, Sarma HD, Banerjee S, Pillai MR.	Radiolabeling, stability studies, and pharmacokinetic evaluation of thulium-170-labeled acyclic and cyclic polyaminopolyphosphonic acids.	28	737
		Mittal S, Bhadwal M, Das T, Sarma HD, Chakravarty R, Dash A, Banerjee S, Pillai MR.	Synthesis and biological evaluation of ⁹⁰ Y-labeled porphyrin-DOTA conjugate: a potential molecule for targeted tumor therapy.	28	651

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2013	Cancer Biother Radiopharm.	Subramanian S, Pandey U, Gugulothu D, Patravale V, Samuel G.	Modification of PLGA nanoparticles for improved properties as a 99mTc-labeled agent in sentinel lymph node detection.	28	598
2013	Curr Radiopharm.	Kumar C, Korde A, Kumari KV, Das T, Samuel G.	Cellular toxicity and apoptosis studies in osteocarcinoma cells, a comparison of 177Lu-EDTMP and Lu-EDTMP. □	6	146
2013	J Appl Pol Sci.	Karir T, Sarma HD, Samuel G, Hassan PA, D. Padmanabhan D, Venkatesh M.	Preparation and evaluation of radioiodinated thermoresponsive polymer based on Poly (N-isopropyl acylamide) for radiotherapyâ€™™. □	130	860
2013	J Environ Pathol Toxicol Oncol.	Kumar C, Pandey BN, Samuel G, Venkatesh M.	Cellular internalization and mechanism of cytotoxic 131-I-rituximab in Raji cells.	32	91
2012	Appl Radiat Isot.	Chattopadhyay S, Barua L, De A, Saha Das S, Kuniyil R, Bhaskar P, Pal SS, Sarkar SK, Das MK.	A computerized compact module for separation of Tc-99m radionuclide from molybdenum □	70	2631
		Chattopadhyay S, Ghosh M, Sett S, Das MK, Chandra S, De K, Mishra M, Sinha S, Ranjan Sarkar B, Ganguly S.	Preparation and evaluation of 99mTc-cefuroxime, a potential infection specific imaging agent: a reliable thin layer chromatographic system to delineate impurities from the 99mTc-antibiotic.	70	2384
		Rubel Chakravarty, S K Sarkar, Meera Venkatesh, Ashutosh Dash	An electrochemical procedure to concentrate Tc-99m availed from a zirconium [Mo-99] molybdate gel generator □	70	375
		Das SS, Chattopadhyay S, Barua L, Das MK.	Production of Cu-61 using natural cobalt target and its separation using ascorbic acid and common anion exchange resin	70	365
		Udhayakumar J, Kumar M, Gandhi SS, Tomar BS, Venkatesh M, Dash A.	Preparation of spherical 57Co source for the calibration of intra-operative gamma probe.	70	167
2012	Cancer Biother Radiopharm.	Mukherjee A, Tipnis S, Sarma HD, Ravindran G, Samuel G, Viswanathan C, Venkatesh M.	Radiolabeling of umbilical cord-derived mesenchymal stem cells for in vivo tracking. □	27	614

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2012	Cancer Biother Radiopharm.	Subramanian S, Pandey U, Papadopoulos M, Pirmettis I, Venkatesh M, Samuel G.	Studies toward the biological efficacy of (99m)Tc-labeled dextran-cysteine-mannose ([^{99m} Tc(CO)(3)]DCM20) for sentinel lymph node detection.	27	365
2012	Curr Radiopharm.	Das T, Chakraborty S, Sarma HD, Banerjee S.	¹⁰⁹ Pd labeled 5,10,15,20-tetrakis[4-carboxymethyleneoxyphenyl]porphyrin: a potential agent for targeted tumor therapy.	5	340
		Bhadwal M1, Satpati D, Singhal S, Sarma HD, Venkatesh M, Banerjee S.	Preparation of ^{99m} Tc(CO)3-Carboxymethylthioethyl iminodiacetic acid and evaluation as a potential renal imaging agent.	5	65
2012	J Immunoassay Immunochem.	Mirapurkar S, Samuel G, Borkute SD, Sivaprasad N.	Enhancing effect of human thyroid stimulating hormone (hTSH) monoclonal antibody in the hTSH immunoradiometric assay (IRMA) system.	33	325
2012	J Lab Compds Radiopharm.	Kasturi Sanyal, Sankha Chattopadhyay, Mita Chatterjee Debnath	Synthesis of S-thiomethyl MAG3, radiolabelling with technetium-99m and biological evaluation	55	
2012	Nucl Med Biol.	Mallia MB, Kumar C, Mathur A, Sarma HD, Banerjee S.	On the structural modification of 2-nitroimidazole-(^{99m} Tc(CO)(3) complex, a hypoxia marker, for improving in vivo pharmacokinetics.	39	1236
2011	Anal Chem.	Chakravarty R1, Shukla R, Ram R, Venkatesh M, Tyagi AK, Dash A.	Exploitation of nano alumina for the chromatographic separation of clinical grade ¹⁸⁸ Re from ¹⁸⁸ W: a renaissance of the ¹⁸⁸ W/ ¹⁸⁸ Re generator technology.	83	6342
2011	Appl Radiat Isot.	Dash A, Chakravarty R, Ram R, Pillai KT, Yadav YY, Wagh DN, Verma R, Biswas S, Venkatesh M.	Development of a ⁹⁹ Mo/ ^{99m} Tc generator using alumina microspheres for industrial radiotracer applications. □	70	51
		Dhyani MV, Kameswaran M, Korde AG, Pandey U, Chattopadhyay S, Banerjee S.	Stereoselective synthesis of an iodinated resveratrol analog: preliminary bioevaluation studies of the radioiodinated species.	69	996
		Prabhakar G, Mathur A, Shunmugam G, Teje YD, Sachdev SS, Sivaprasad N.	Efficient production of therapeutic doses of [¹³¹ I]-metaiodobenzylguanidine for clinical use. □□	69	63

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2011	Cancer Biother Radiopharm.	Saxena SK, Kumar Y, Pandey U, Shinde SN, Muthe KP, Venkatesh M, Dash A.	A facile, viable approach toward the preparation of ³² P patches for the treatment of skin cancer.	26	665
		Das T, Chakraborty S, Kallur KG, Venkatesh M, Banerjee S.	Preparation of patient doses of (177)Lu-DOTA-TATE using indigenously produced (177)Lu: the Indian experience.	26	395
		Dhyani MV, Satpati D, Korde A, Banerjee S.	Synthesis and preliminary bioevaluation of ^{99m} Tc(CO) ₃ -17 α -triazolylandrost-4-ene-3-one derivative prepared via click chemistry route.	5	539
2011	Curr Radiopharm.	Sarma HD, Das T, Banerjee S, Venkatesh M, Vidyasagar PB, Mishra KP.	Studies on efficacy of a novel ¹⁷⁷ Lu-labeled porphyrin derivative in regression of tumors in mouse model.	4	150
2011	J Lab Compds Radiopharm.	Anupam Mathur, Madhava B. Mallia, Haladhar D. Sarma, Sharmila Banerjee, Meera Venkatesh	Synthesis, radiolabeling and evaluation of a new positively charged ^{99m} Tc-labeled fatty acid derivative for myocardial imaging □□		
2011	J Radioanal Nucl Chem.	H. J. Pant, V. K. Sharma, S. V. Naik, Gursharan Singh, D. B. Kalgutkar, S. P. Patil, N. Jayachandran, V. K. P. Unni	Investigation of leaching of an antifouling agent from marine paint formulations using radiotracer technique		
2011	Mol Pharm.	Morais M, Subramanian S, Pandey U, Samuel G, Venkatesh M, Martins M, Pereira S, Correia JD, Santos I	Mannosylated dextran derivatives labeled with fac-[M(CO) ₃ f] ⁺ (M = (^{99m} Tc, Re) for specific targeting of sentinel lymph node.	8	609
2011	Nucl Engg Des.	P.V. Varde, N.S. Joshi, Mayank Agarwala, Amit Shrivastava, L.N. Bandib, A.K. Kohli	Development of an integrated methodology in support of remaining life assessment of Co-60 based gamma irradiation facilities	241	328
2011	Nucl Med Biol.	Chakravarty R1, Shukla R, Ram R, Tyagi AK, Dash A, Venkatesh M.	Development of a nano-zirconia based ⁶⁸ Ge/ ⁶⁸ Ga generator for biomedical applications.	38	575

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2011	Nucl Med Commun.	Basu S, Abhyankar A, Kand P, Kumar R, Asopa R, Rajan MG, Nayak U, Shimpi H, Das T, Venkatesh M, Chakrabarty S, Banerjee S.	'Reverse discordance' between 68Ga-DOTA-NOC PET/CT and 177Lu-DOTA-TATE posttherapy scan: the plausible explanations and its implications for high-dose therapy with radiolabeled somatostatin receptor analogs.	32	654
2010	ACS Appl Mater Interfaces.	Chakravarty R, Shukla R, Ram R, Venkatesh M, Dash A, Tyagi AK.	Nanoceria-PAN composite-based advanced sorbent material: a major step forward in the field of clinical-grade 68Ge/68Ga generator.	2	2069
2010	Appl Radiat Isot.	Chakravarty R, Dash A, Pillai MR, Venkatesh M. □	Post-elution concentration of (188)Re by an electrochemical method.	68	2302
		Chattopadhyay S, Saha Das S.	Recovery of I-131 from alkaline solution of n-irradiated tellurium target using a tiny Dowex-1 column □	68	1967
		Chattopadhyay S, Saha Das S, Chandra S, De K, Mishra M, Ranjan Sarkar B, Sinha S, Ganguly S.	Synthesis and evaluation of Tc-99m-moxifloxacin, a potential infection specific imaging agent □	68	314
2010	Cancer Biother Radiopharm.	Subramanian S, Dandekar P, Jain R, Pandey U, Samuel G, Hassan PA, Patravale V, Venkatesh M.	□ Related citations □ Select item 21204757 29. □□ □ Technetium-99m-labeled poly(DL-lactide-co-glycolide) nanoparticles as an alternative for sentinel lymph node imaging.	25	637
		Subramanian S, Das T, Chakraborty S, Sarma HD, Banerjee S, Samuel G, Venkatesh M.	Preparation of 177Lu-labeled oxine in lipiodol as a possible agent for therapy of hepatocellular carcinoma: a preliminary animal study.	25	539
		Sarma HD, Das T, Banerjee S, Venkatesh M, Vidyasagar PB, Mishra KP.	Biologic evaluation of a novel 188Re-labeled porphyrin in mice tumor model.	25	47

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2010	Curr Radiopharm.	Kasturi Bhattacharya, Mita Chatterjee Debnath, Kamal Krishna Halder, Sankha Chattopadhyay, Malay Kanti Das, Bharat R. Sarkar, Shantanu Ganguly, Somenath Banerjee	Single Vial Kit Formulation of Technetium ^{99m} L,L' Ethylene Dicysteine: Its Characterisation, Biodistribution and Comparison with Commercially Available ^{99m} Tc-L, L'EC Kits □	2	32
2010	J Immunoassay Immunochem.	Mirapurkar S, Samuel G, Sivaprasad N.	Development of an immunoenzymometric assay (IEMA) for the estimation of human thyroid stimulating hormone (hTSH) in serum.	31	290
2010	J Lab Compds Radiopharm.	Anupam Mathur, Madhava B. Mallia, Haladhar D. Sarma, Sharmila Banerjee, Meera Venkatesh	Evaluation of new positively charged 11- and 12-carbon ^{99m} Tc-labeled fatty acid derivatives for myocardial imaging □	53	580
		Madhava B. Mallia, Suresh Subramanian, Anupam Mathur, H. D. Sarma, Meera Venkatesh, Sharmila Banerjee	Synthesis and evaluation of 2-, 4-, 5-substituted nitroimidazole-iminodiacetic acid- ^{99m} Tc(CO) ₃ complexes to target hypoxic tumors	53	535
2010	J Liquid Chromat Rel Techn.	Rani Gnanasekar, U. H. Nagvekar, and N. Sivaprasad	Development and validation of a two-step free thyroxine radioimmunoassay based on antibody coated tubes	33	1576
2010	Nucl Med Biol.	Dhyani MV, Satpati D, Korde A, Sarma HD, Kumar C, Banerjee S.	Preparation and preliminary bioevaluation of ^{99m} Tc(CO) ₃ -11β-progesterone derivative prepared via click chemistry route.	37	997
		Chakravarty R, Das T, Dash A, Venkatesh M.	An electro-amalgamation approach to isolate no-carrier-added ¹⁷⁷ Lu from neutron irradiated Yb for biomedical applications.	37	811
		Das T, Chakraborty S, Sarma HD, Banerjee S, Venakatesh M.	A novel ¹⁷⁷ Lu-labeled porphyrin for possible use in targeted tumor therapy.	37	655
		Chakravarty R, Dash A, Venkatesh M.	A novel electrochemical technique for the production of clinical grade ^{99m} Tc using (n, gamma) ⁹⁹ Mo. □	37	21

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2010	Nucl Med Biol.	Chattopadhyay S, Das SS, Barua L.	A simple and rapid technique for recovery of Tc-99m from low specific activity (n,gamma)Mo-99 based on solid-liquid extraction and column chromatography methodologies □	37	17
2009	Ann Nucl Med.	Pandey U, Bapat K, Sarma HD, Dhama PS, Naik PW, Samuel G, Venkatesh M.	Bioevaluation of (90)Y-labeled particles in animal model of arthritis.	23	333
2009	Appl Radiat Isot.	Karir T, Samuel G, Sivaprasad N, Venkatesh M.	Comparative evaluation of various solid phases for the development of coated tube assays for the development of coated tube assays for the estimation of progesterone in human serum, bovine serum and bovine milk.â€™	67	1965
		Chattopadhyay S, Saha Das S.	A simple and rapid technique for radiochemical separation of iodine radionuclides from irradiated tellurium using an activated charcoal column. □	67	1748
		Satpati D, Korde A, Venkatesh M, Banerjee S.	Preparation and bioevaluation of a 99mTc-labeled chlorambucil analog as a tumor targeting agent.	67	1644
		Saxena SK, Sharma SD, Dash A, Venkatesh M.	Development of a new design (125)I-brachytherapy seed for its application in the treatment of eye and prostate cancer. □	67	1421
		Saxena SK, Pandey AK, Tandon P, Chakravarty R, Reddy AV, Dash A, Venkatesh M.	A novel approach to prepare (90)Y-EGMP patches for superficial brachytherapy. □	67	1416
		Yelgaonkar VN, Jayakumar TK, Singh S, Sharma MK.	Combination of sealed sources and radiotracer techniques to understand malfunctioning in a chemical plant	67	1244
		Sarkar SK1, Venkatesh M, Ramamoorthy N.	Evaluation of two methods for concentrating perrhenate (188 Re) eluates obtained from 188 W-188 Re generator. □	67	234
2009	Cancer Biother Radiopharm.	Satpati D, Pandey U, Sarma HD, Venkatesh M, Banerjee S.	Preparation and evaluation of 99mTc(CO)3-labeled pentadecanoic acid derivative and its suspension in lipiodol.	24	503
		Dash A, Varma RN, Ram R, Saxena SK, Mathakar AR, B.G. Avhad, Sastry KVS, Sangurdekar PR, Venkatesh M.	Fabrication of Cesium-137 Brachytherapy Sources Using Vitrification Technology	24	489

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2009	Cancer Biother Radiopharm.	Das T, Chakraborty S, Sarma HD, Venkatesh M, Banerjee S.	¹⁶⁶ Ho-labeled hydroxyapatite particles: a possible agent for liver cancer therapy.	24	7
2009	J Biomed Nanotechnol.	Prajakta D1, Ratnesh J, Chandan K, Suresh S, Grace S, Meera V, Vandana P.	Curcumin loaded pH-sensitive nanoparticles for the treatment of colon cancer.	5	445
2009	J Hazardous Materials	Ashutosh Dash, R.N. Varma, K.V.S. Sastry, B.N. Patil, Ramu Ram, Seema Nikam, Meera Venkatesh	Recovery and purification of 4.66 TBq(126 Ci) of ¹³⁷ Cs from a 20-year-old spent sealed source	168	1126
2009	J Med Phys.	George, JR, Kushwah R, Sastry KVS.	Teletherapy Sources with imported and indigenous ⁶⁰ Co activity	34	180
2009	Nucl Med Biol.	Das T1, Chakraborty S, Sarma HD, Tandon P, Banerjee S, Venkatesh M, Pillai MR.	(¹⁷⁰ Tm-EDTMP: a potential cost-effective alternative to (⁸⁹ SrCl(2) for bone pain palliation.	36	561
2009	Nucl Med Commun.	Das T, Chakraborty S, Sarma HD, Venkatesh M, Banerjee S.	Preparation of ¹⁶⁶ Ho-oxine-lipiodol and its preliminary bioevaluation for the potential application in therapy of liver cancer.	30	362
2008	Appl Radiat Isot.	Udhayakumar J, Pardeshi GS, Gandhi SS, Chakravarty R, Kumar M, Dash A, Venkatesh M.	Development of technology for the large-scale preparation of ⁶⁰ Co polymer film source. □	66	1825
		Chattopadhyay S, Das SS, Das MK, Goomer NC.	Recovery of Tc-99m from Na-2[Mo-99]MoO4 solution obtained from reactor-produced (n,gamma) Mo-99 using a tiny Dowex-1 column in tandem with a small alumina column □	66	1814
		Chattopadhyay S, Das MK.	A novel technique for the effective concentration of ^{99m} Tc from a large alumina column loaded with low specific-activity (n,Gamma)-produced ⁹⁹ Mo	66	1295
		Chakraborty S, Das T, Sarma HD, Venkatesh M, Banerjee S.	Comparative studies of ¹⁷⁷ Lu-EDTMP and ¹⁷⁷ Lu-DOTMP as potential agents for palliative radiotherapy of bone metastasis.	66	1196

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2008	Appl Radiat Isot.	Chattopadhyay S, Vimalnath KV, Saha S, Korde A, Sarma HD, Pal S, Das MK.	Preparation and evaluation of a new radiopharmaceutical for radiosynovectomy, ^{111}Ag -labelled hydroxyapatite (HA) particles.	66	334
		Sankha Chattopadhyay, K V Vimalnath, Sujata Saha, Aruna Korde, H D Sarma, Sujit Pal, Malay K Das	Preparation and evaluation of a new radiopharmaceutical for radiosynovectomy, ^{111}Ag -labelled hydroxyapatite (HA) particles. □	66	334
2008	Bioorg Med Chem Lett.	Mallia MB1, Subramanian S, Mathur A, Sarma HD, Venkatesh M, Banerjee S.	On the isolation and evaluation of a novel unsubstituted 5-nitroimidazole derivative as an agent to target tumor hypoxia. □	18	5233
2008	Bioorg Med Chem.	Mathur A, Subramanian S, Mallia MB, Banerjee S, Samuel G, Sarma HD, Venkatesh M.	Synthesis and bio-evaluation of a new fatty acid derivative for myocardial imaging.	16	7927
		Airaksinen AJ, Nag S, Finnema SJ, Mukherjee J, Chattopadhyay S, Gulyás B, Farde L, Halldin C.	$^{[11\text{C}]}$ Cyclopropyl-FLB 457: A PET radioligand for low densities of dopamine D2 receptors □	16	6467
2008	Cancer Biother Radiopharm.	Saxena SK, Sharma SD, Kumar Y, Muthe KP, Dash A, Venkatesh M.	Development of a spherical (^{125}I) -brachytherapy seed for its application in the treatment of eye and prostate cancer.	23	807
		Satpati D, Korde A, Kothari K, Sarma HD, Venkatesh M, Banerjee S.	Preparation and in-vivo evaluation of $(^{188}\text{Re}(\text{CO})_3\text{-colchicine})$ complex for use as tumor-targeting agent.	23	741
		Chakraborty S, Das T, Banerjee S, Balogh L, Chaudhari PR, Sarma HD, Polyák A, Máthé D, Venkatesh M, Janoki G, Pillai MR.	$^{177}\text{Lu-EDTMP}$: a viable bone pain palliative in skeletal metastasis.	23	202
		Satpati D, Bapat K, Sarma HD, Kothari K, Venkatesh M, Banerjee S.	Synthesis of $^{99\text{mTc}}$ -nitrido heterocomplex of piperidine and in vitro and in vivo evaluation of its affinity for sigma receptors.	23	34
2008	J Lab Compds Radiopharm.	Mathur, H.D. Sarma, Meera Venkatesh, Sharmila Banerjee	Comparing hypoxia-targeting potential of $^{99\text{mTc}}(\text{CO})_3$ -labeled 2-nitro and 4-nitroimidazole Madhava B Mallia, Suresh Subramanian, Anupam	51	

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2008	J Radioanal Nucl Chem.	S. Ravi, K. M. Mathew, N. Sivaprasad	A rapid microwave induced synthesis of [carboxyl- 14 C]-nicotinic acid (vitamin B 3) and [carbonyl- 14 C]-nicotinamide using K 14 CN	275	441
2008	Nucl Med Biol.	Chakraborty S, Das T, Sarma HD, Venkatesh M, Banerjee S.	Preparation and preliminary studies on 177Lu-labeled hydroxyapatite particles for possible use in the therapy of liver cancer.	35	589
2008	Nucl Med Commun.	Pandey U, Saxena SK, Sarma HD, Tandon P, Ram R, Samuel G, Dash A, Venkatesh M.	Bioevaluation studies of 32P incorporated mould brachytherapy sources for potential application in treatment of superficial tumors.	29	717
		Pandey U, Saxena SK, Sarma HD, Tandon P, Ram R, Samuel G, Dash A, Venkatesh M.	Bioevaluation studies of 32P incorporated mould brachytherapy sources for potential application in treatment of superficial tumors.	29	717
2007	Appl Radiat Isot.	Prabhakar G, Sachdev SS, Umamaheswari S, Sivaprasad N, Bhatia MH, Chaudhari PR, Solav SV.	Development of samarium [32P] phosphate colloid for radiosynoviorthesis applications: preparation, biological and preliminary clinical studies experience. □□	65	1309
		Chattopadhyay S, Pal S, Vimalnath KV, Das MK.	A versatile technique for radiochemical separation of medically useful no-carrier-added (nca) radioarsenic from irradiated germanium oxide targets	65	1202
		Korde A1, Pandey U, Banerjee S, Dev Sarma H, Mukherjee A, Venkatesh M.	Preparation and biological studies of 125I-DOTA-TATE.	65	687
		Kothari K, Prasad S, Korde A, Mukherjee A, Mathur A, Jaggi M, Venkatesh M, Pillai AM, Mukherjee R, Ramamoorthy N.	99mTc(CO)3-VIP analogues: preparation and evaluation as tumor imaging agent.	65	382
		Das T, Chakraborty S, Banerjee S, Venkatesh M.	On the preparation of a therapeutic dose of 177Lu-labeled DOTA-TATE using indigenously produced 177Lu in medium flux reactor.	65	301

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2007	Appl Radiat Isot.	Das T, Chakraborty S, Banerjee S, Venkatesh M.	On the preparation of a therapeutic dose of ¹⁷⁷ Lu-labeled DOTA-TATE using indigenously produced ¹⁷⁷ Lu in medium flux reactor.	65	301
		Sujit Pal, Sankha Chattopadhyay, M K Das, M Sudersanan	Production and separation of no-carrier-added radioactive tracers of yttrium, strontium and rubidium from heavy-ion irradiated germanium target: Applicability to the standardization of a separation technique for production of positron-emitting radionuclid	64	1521
		Sujit Pal, Sankha Chattopadhyay, M K Das, M Sudersanan	Production and separation of no-carrier-added radioactive tracers of yttrium, strontium and rubidium from heavy-ion irradiated germanium target: Applicability to the standardization of a separation technique for production of positron-emitting radionu	64	1521
2007	J Lab Compds Radiopharm.	Narath Jayachandran, V. K. P. Unny, N. Sivaprasad	Radiolabelled compounds production programme in India	50	541
		Deepak B. Kalgutkar, Sanjay P. Patil, Narath Jayachandran, V. K. P. Unny	An improved procedure for the preparation of radiochemically pure [carbonyl ¹⁴ C]diuron	50	541
		Sanjay P. Patil, Deepak B. Kalgutkar, Narath Jayachandran, V.K.P. Unny	A fast and simple method of isomerization for the preparation of ammonium (¹⁴ C)thiocyanate from (¹⁴ C)thiourea	50	420
		N. Jayachandran, V. K. P. Unny, N. Sivaprasad	A facile synthesis of [³⁵ S]homocysteine and its derivatives from methionine [³⁵ S] sulphoxide - a by-product in [³⁵ S]methionine synthesis	50	418
2007	J Radioanal Nucl Chem.	S. Ravi, K. M. Mathew, V. K. P. Unny, N. Sivaprasad	A facile synthesis of racemic carboxyl ¹⁴ C-labeled phenylglycine under microwave irradiation	274	61
2006	Anal Chem.	T. Karir, P.A. Hassan, S.K. Kulshreshtha, G. Samuel, N. Sivaprasad, V. Meera	Surface modification of polystyrene using polyaniline nanostructures for biomolecule adhesion in radioimmunoassay.	78	3577

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2006	Appl Radiat Isot.	Pal S1, Chattopadhyay S, Das MK, Sudersanan M.	Production and separation of no-carrier-added radioactive tracers of yttrium, strontium and rubidium from heavy-ion irradiated germanium target: applicability to the standardization of a separation technique for production of positron-emitting radionuclid	64	1521
		Satpati D1, Bapat K, Mukherjee A, Banerjee S, Kothari K, Venkatesh M.	Preparation and bioevaluation of ^{99m} Tc-carbonyl complex of 5-hydroxy tryptamine derivative.	64	888
		Mathur A, Mallia MB, Subramanian S, Banerjee S, Sarma HD, Kothari K, Venkatesh M.	Preparation and in vivo evaluation of (^{99m})TcN-tertiary butyl xanthate as a potential myocardial agent.	64	663
		Chakraborty S, Das T, Banerjee S, Sarma HD, Venkatesh M.	Preparation and preliminary biological evaluation of a (¹⁶⁶)Ho labeled polyazamacrocycle for possible use as an intravascular brachytherapy (IVBT) agent.	64	462
		Mallia MB, Mathur A, Subramanian S, Banerjee S, Kothari K, Koiry SP, Sarma HD, Venkatesh M.	Synthesis and evaluation of ether containing ^{99m} Tc-nitrido dithiocarbamate complexes as brain perfusion imaging agent.	64	361
2006	Bioorg Med Chem Lett.	Das T, Banerjee S, Samuel G, Bapat K, Subramanian S, Pillai MR, Venkatesh M.	A novel ^{99m} Tc-labeled testosterone derivative as a potential agent for targeting androgen receptors.	16	5788
2006	Bioorg Med Chem.	Mallia MB, Subramanian S, Banerjee S, Sarma HD, Venkatesh M.	Evaluation of ^{99m} Tc(CO) ₃ complex of 2-methyl-5-nitroimidazole as an agent for targeting tumor hypoxia.	14	7666
		Korde A, Satpati D, Mathur A, Mallia M, Banerjee S, Kothari K, Sarma HD, Choudhari P, Venkatesh M.	^{99m} Tc-labeling of colchicine using [^{99m} Tc(CO) ₃ (H ₂ O) ₃] ⁺ and [^{99m} Tc triple bond N] ₂ ⁺ core for the preparation of potential tumor-targeting agents.	14	793
2006	J Bone Joint Sur.	Jambhekar NA, Kulkarni SP, Madur BP, Agarwal S, Rajan MGR.	Application of the polymerase chain reaction on formalin-fixed, paraffin-embedded tissue in the recognition of tuberculous osteomyelitis.	88	1097

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2006	J Chem Research	Ravi S, Mathew KM, Unny VKP, Sivaprasad N.	A facile solvent-free synthesis of high specific activity potassium [14C]formate and ethyl [14C]formate under microwave irradiation		27
2006	J Immunoassay Immunochem.	Tarveen Karir, Grace Samuel, Kanchan Kothari, N. Sivaprasad, Meera Venkatesh	Studies on the influence of the structural modification in the tracer on the immunoassay of progesterone	27	151
2006	J Lab Compd Radiopharm.	Mathew KM, Ravi S, Padmanabhan D, Unny VKP, Sivaprasad N	A rapid microwave assisted synthesis of [U-14C]isosorbide and dimethyl[U-14C]isosorbide from D-[U-14C]glucose	49	333
2006	J Lab Compds Radiopharm.	K. M. Mathew, S. Ravi, V. K. P. Unny, N. Sivaprasad	Microwave assisted synthesis of (RS) methyl 2 ([2' 14C]4,6 dimethoxypyrimidin 2' yloxy) 2 phenyl [1 14C]ethanoate noate	49	699
2006	J Radioanal Nucl Chem.	K. M. Mathew, S. Ravi, V. K. P. Unny, N. Sivaprasad	Synthesis of [1- 14 C]-labeled mandelic acid under microwave condition	268	651
		Devika K, Chandrika R, Mukherjee S, Padmnabhan D, Unny VKP Sivaprasad N.	Simultaneous Preparation of tritiated Uracil and Uridine	267	581
		T. Karir, U.H. Nagvekar, Grace Samuel, N. Sivaprasad, P. Chaudhuri, A.Samad	Estimation of progesterone in buffalo milk by radioimmunoassay.	267	321
		S. P. Patil, D. B. Kalgutkar, N. Jaychandran, V. K. P. Unny	An improved method for the preparation of [14 C]thiourea of high radiochemical purity	267	49
2006	Nucl Med Biol.	Chakraborty S, Das T, Banerjee S, Subramanian S, Sarma HD, Venkatesh M.	175Yb-labeled hydroxyapatite: a potential agent for use in radiation synovectomy of small joints.	33	585
2006	Nucl Med Commun.	Chakraborty S, Das T, Banerjee S, Sarma HD, Venkatesh M.	Preparation and preliminary biological evaluation of 177Lu-labelled hydroxyapatite as a promising agent for radiation synovectomy of small joints.	27	661
2006	Res Microbiol.	Desai D, Nataraj G, Kulkarni S, Bichle DS, Mehta PR, Rajan MGR.	Utility of polymerase chain reaction in the diagnosis of tuberculous meningitis.	157	967

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2005	Appl Radiat Isot.	Muthukumaran T, KrishnaMurthy NV, Sudhaharan T, Muralidharan B.	A "cleanup procedure" involving periodate oxidation in the enzymatic synthesis of chemically pure alpha-32P and alpha-33P labelled deoxyribonucleotides.	63	63
2005	Bioorg Med Chem Letters	Madhava B Mallia, Anupam Mathur, Suresh Subramanian, Sharmila Banerjee, H D Sarma, Meera Venkatesh	A novel [99mTc[triple bond]N]2+ complex of metronidazole xanthate as a potential agent for targeting hypoxia.	15	3398
2005	Bioorg Med Chem.	Banerjee S1, Das T, Chakraborty S, Samuel G, Korde A, Venkatesh M, Pillai MR.	An estradiol-conjugate for radiolabelling with 177Lu: an attempt to prepare a radiotherapeutic agent.	13	4315
2005	J Lab Compds Radiopharm.	Ravi S, Mathew KM, Padmanabhan D, Unny VKP, Sivaprasad N	A facile synthesis of [14C]pyrithiobac-sodium	49	339
		Ravi S, Mathew KM, Unny VKP, Sivaprasad N.	A facile synthesis of high specific activity sodium [14C] lauryl sulphate under microwave irradiation	48	1055
		C.V. Sontakke, S. P. Patil, V. K. P. Unny and N. Sivaprasad	Convenient synthesis of d-threo-[dichloroacetyl 1-14C] chloramphenicol	48	597
2005	J Nucl Med.	Chattopadhyay S, Xue B, Collins D, Pichika R, Bagnera R, Leslie FM, Christian BT, Shi B, Narayanan TK, Potkin SG, Mukherjee J.	Synthesis and evaluation of nicotine alpha4beta2 receptor radioligand, 5-(3'-18F-fluoropropyl)-3-(2-(S)-pyrrolidinylmethoxy)pyridine, in rodents and PET in nonhuman primate. □	46	130
2005	J Radioanal Nucl Chem.	Mathew KM, Ravi S.	Facile conversion of [1- 14 C]lauronitrile to [1- 14 C]lauric acid under microwave irradiation	267	245
		Devika K, Chandrika R, Padmanbahan D, Unny VKP, Sivaprasad N	Preparation of tritiated fluorenone and flurenol	266	507
		Patil SP, Kalgutkar DB, Jayachandran N, Unny VKP	A facile preparation of ammonium [14 C]thiocyanate	266	75

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2005	J Radioanal Nucl Chem.	K. M. Mathew, S. Ravi, D. Padmanabhan	A facile synthesis of 4,6-dimethoxy-[2- ¹⁴ C]-2-methylsulphonylpyrimidine	265	505
2005	Nucl Med Commun.	Mathur A, Mallia MB, Subramanian S, Banerjee S, Kothari K, Dhotare B, Sarma HD, Venkatesh M.	^{99m} TcN complexes of tert-butyl dithiocarbamate and methoxyisobutyl dithiocarbamate as myocardial and brain imaging agents.	26	1013
		Kothari KK, Satpati D, Joshi S, Venkatesh M, Ramamoorthy N, Pillai MR.	^{99m} Tc carbonyl t-butyl isonitrile: a potential new agent for myocardial perfusion imaging.	26	155
2004	Appl Radiat Isot.	Mathew B, Chakraborty S, Das T, Sarma HD, Banerjee S, Samuel G, Venkatesh M, Pillai MR.	¹⁷⁵ Yb labeled polyaminophosphonates as potential agents for bone pain palliation.	60	635
2004	Bioorg Med Chem.	Das T, Chakraborty S, Banerjee S, Mukherjee A, Samuel G, Sarma HD, Nair CK, Kagiya VT, Venkatesh M.	Preparation and preliminary biological evaluation of a ¹⁷⁷ Lu labeled sanazole derivative for possible use in targeting tumor hypoxia.	12	6677
		Jogeshwar Mukherjee, Bingzhi Shi, Bradley T Christian, Sankha Chattopadhyay, Tanjore K Narayanan	¹¹ C-Fallypride: radiosynthesis and preliminary evaluation of a novel dopamine D ₂ /D ₃ receptor PET radiotracer in non-human primate brain. □	12	95
		Mukherjee J1, Shi B, Christian BT, Chattopadhyay S, Narayanan TK.	¹¹ C-Fallypride: radiosynthesis and preliminary evaluation of a novel dopamine D ₂ /D ₃ receptor PET radiotracer in non-human primate brain.	12	95
2004	J Radioanal Nucl Chem.	Asokan KP, Sebastian J, Jayachandran N, Unny VKP	Facile preparation of potassium ³² P-phosphonate	262	767
		Mathew KM, Ravi S, Subramanian TK	Stability of tritiated polystyrene coated zinc sulphide phosphor	261	697
2004	Nucl Med Biol.	Banerjee S, Das T, Chakraborty S, Samuel G, Korde A, Srivastava S, Venkatesh M, Pillai MR.	¹⁷⁷ Lu-DOTA-lanreotide: a novel tracer as a targeted agent for tumor therapy.	31	753

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2004	Nucl Med Biol.	Bingzhi Shi, Tanjore K Narayanan, Bradley T Christian, Sankha Chattopadhyay, Jogeshwar Mukherjee	Synthesis and biological evaluation of the binding of dopamine D2/D3 receptor agonist, (R,S)-5-hydroxy-2-(N-propyl-N-(5'-(18)F-fluoropentyl)aminotetralin ((18)F-5-OH-FPPAT) in rodents and nonhuman primates. □	31	303
2004	Nucl Med Commun.	Chakraborty S, Das T, Banerjee S, Chaudhari PR, Sarma HD, Venkatesh M, Pillai MR.	Preparation and biological evaluation of 153Sm-DOTMP as a potential agent for bone pain palliation.	25	1169
		Sarkar S.K., Saraswathy P., Arjun G., Ramamoorthy N.	High radioactive concentration of 99mTc from zirconium molybdate-99Mo gel generator using an acidic alumina column for purification- cum-concentration.	25	609
2004	Radiochim Acta	Saraswathy P., Sarkar S. K., Arjun G., Nandy S. K. and Ramamoorthy N.	99mTc gel generators based on zirconium molybdate-99Mo: III: Influence of preparatory conditions of zirconium molybdate-99Mo gel on generator performance.	92	259
2004	Radn Phy Chem.	Varshney L, Dodke PB	Radiation effect studies on anticancer drugs, cyclophosphamide and doxorubicin for radiation sterilization	71	1103
2003	Appl Radiat Isot.	Pillai MR, Chakraborty S, Das T, Venkatesh M, Ramamoorthy N.	Production logistics of 177Lu for radionuclide therapy.	59	109
2003	Int J Pharm.	Pillai O, Borkute SD, Sivaprasad N, Panchagnula R.	Transdermal iontophoresis of insulin. II. Physicochemical considerations.	254	271
2003	J Agric Food Chem.	Korde A, Pandey U, Banerjee S, Sarma HD, Hajare S, Venkatesh M, Sharma AK, Pillai MR.	Development of a radioimmunoassay procedure for aflatoxin B1 measurement.	51	843
2003	J Radioanal Nucl Chem.	S. P. Patil, D. B. Kalgutkar, V. K. P. Unny, N. Sivaprasad	Synthesis of ammonium [14 C]thiocyanate	258	453
		Chander H, Ravi S, Mathew KM.	Modified synthesis of deoxyadenosine-5'-(35 S)-thiomonophosphate [dAMP (35 S)] with high specific activity: An important starting material for the synthesis of deoxyadenosine-5'-(35 S)-thiotriphosphate [dATP (35 S)]	257	425

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2003	J Radioanal Nucl Chem.	T.K. Karir, N. Pal, N. Sivaprasad	Radioimmunoassay kit formulation and its validation for serum progesterone using progesterone radiotracer purified by gel-filtration	256	127
2003	Nucl Med Biol.	Das T, Banerjee S, Samuel G, Sarma HD, Korde A, Venkatesh M, Pillai MR.	^{99m} Tc-labeling studies of a modified metronidazole and its biodistribution in tumor bearing animal models.	30	127
2003	Nucl Med Commun.	Bhowal K, Bhattacharyya S, Majumdar A, Giri C, Vanaja R, Ramamoorthy N, Ganguly S, Sarkar BR, Banerjee S, Chatterjee Debnath M.	Technetium-99m DTPA dimethyl ester: a renal function imaging agent. Comparative studies in animals with technetium-99m mercaptoacetyl triglycine and ¹³¹ I-ortho-iodohippurate.	24	583
2003	Radn Prot Env.	Jain Reji George, A.K. Kohli et al	Evaluation of Transient Dose in Conveyor Type Low Dose Irradiator	26	405
		D.K. Sahoo and A.K. Kohli	Radiation Safety in Install & Operate Irradiator	26	340
2002	Appl Radiat Isot.	Das T1, Chakraborty S, Unni PR, Banerjee S, Samuel G, Sarma HD, Venkatesh M, Pillai MR.	¹⁷⁷ Lu-labeled cyclic polyaminophosphonates as potential agents for bone pain palliation.	57	177
		Chattopadhyay S., Das M.K., Sarkar S.K, Saraswathy P., N.Ramamoorthy N.	A Novel ^{99m} Tc delivery system using (n, ¹³) ⁹⁹ Mo adsorbed on a large alumina column in tandem with Dowex-1 and AgCl columns.	57	7
2002	J Lab Compds Radiopharm.	S. P. Patil and D. Padmanabhan	A facile preparation of (2,4,6- ¹⁴ C)-cyanuric acid under solvent-free conditions	45	539
		K. M. Mathew, S. Ravi, C. V. Sontakke, H. Chander	Synthesis of deoxyadenosine-5'-(³⁵ S)-thiomonophosphate [dAMP(³⁵ S)] of high specific activity – a key intermediate for the synthesis of Sp-deoxyadenosine-5'-(alpha;- ³⁵ S)-thiotriphosphate [Sp-dATP (α - ³⁵ S)]	45	19
2002	J Radioanal Nucl Chem.	Ravi S, Mathew KM, Subramanian TK, Seshadri NK.	Preparation of tritiated polystyrene coated radioluminescent phosphor	254	209

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2002	Nucl Med Biol.	Unni PR, Chaudhari PR, Venkatesh M, Ramamoorthy N, Pillai MR.	Preparation and bioevaluation of ¹⁶⁶ Ho labelled hydroxyapatite (HA) particles for radiosynovectomy.	29	199
2002	Nucl Med Commun.	Ramamoorthy N, Saraswathy P, Das MK, Mehra KS, Ananthkrishnan M.	Production logistics and radionuclidic purity aspects of ¹⁵³ Sm for radionuclide therapy.	23	83
		Ramamoorthy N, Saraswathy P, Das MK, Mehtra KS, Ananthkrishnan M.	Production logistics and radionuclidic purity aspects of ¹⁵³ Sm for radionuclide therapy	23	83
		Chakraborty S, Das T, Unni PR, Sarma HD, Samuel G, Banerjee S, Venkatesh M, Ramamoorthy N, Pillai MR. □	¹⁷⁷ Lu labelled polyaminophosphonates as potential agents for bone pain palliation.	23	67
2002	Radiochim Acta	Chattopadhyay S, Das MK, Sarkar BR, Ramamoorthy N.	Separation of pertechnetate from molybdate by anion-exchange chromatography: Recovery of ^{99m} Tc from (n , gamma) ⁹⁹ Mo and suitability for use in central radiopharmacy (CRPh)	90	417
2001	Appl Radiat Isot.	Sarkar S. K., Arjun G., Saraswathy P., Ramamoorthy N.	Post elution concentration of ^{99m} TcO ₄ ⁻ by a single anion exchanger column: I : Feasibility of extending the useful life of column chromatographic ^{99m} Tc generator.	55	561
		Sankha Chattopadhyay, M K Das, B R Sarkar, G Prabhakar, Kiran S Mehra, N Ramamoorthy	Stabilisation of [¹³¹ I]meta-iodobenzylguanidine at room temperature as organic extract in ethyl acetate/chloroform	54	241
2001	J Lab Compds Radiopharm.	K. M. Mathew, S. Ravi, C. V. Sontakke, H. Chander	Synthesis of deoxyadenosine 5' (35S) thiomonophosphate [dAMP(35S)] of high specific activity – a key intermediate for the synthesis of Sp deoxyadenosine 5' (alpha; 35S) thiotriphosphate [Sp dATP (α 35S)]	45	19
2001	J Radioanal Nucl Chem.	S. Ravi, K. M. Mathew, N. K. Seshadri, T. K. Subramanian	Salient Features in the Preparation of Promethium ¹⁴⁷ Activated Zinc Sulphide Phosphor Light Sources	250	565

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2001	Nucl Med Biol.	Sankha Chattopadhyay, M K Das, R Vanaja, N Ramamoorthy	Purification and stabilization of Tc-99m-d,1-HMPAO: Role of organic extractants	28	741
		Chakraborty S, Unni PR, Banerjee S, Samuel G, Das T, Sarma HD, Ramamoorthy N, Pillai MR.	Potential (166)Ho radiopharmaceuticals for intravascular radiation therapy (IVRT)-I: [(166)Ho] holmium labeled ethylene dicycysteine.	28	309
2001	Nucl Med Commun.	Sarkar S. K, Arjun G., Saraswathy P., Ramamoorthy N.	Post-elution concentration of 99mTcO ₄ ⁻ by a single anion exchanger column: II: Preparation and evaluation of jumbo alumina column chromatographic generator for 99mTc.	22	389
		Majali MA, Saxena SK, Joshi SH, Unni PR, Ramamoorthy N.	Potential 166Ho radiopharmaceuticals for endovascular radionuclide therapy. II. Preparation and evaluation of 166Ho-DTPA.	22	97
2001	Semin Nucl Med.	Banerjee S, Pillai MR, Ramamoorthy N.	Evolution of Tc-99m in diagnostic radiopharmaceuticals.	31	260
2000	J Lab Compds Radiopharm.	N. Jayachandran, K. P. Asokan, V. K. P. Unny	Biosynthesis of high specific activity 35S-glutathione	43	971
2000	Nucl Med Biol.	Prabhakar G, Joshi SH, Ranganatha DK, Umamaheswari S, Ananthakrishnan M, Ramamoorthy N.	Preparation and evaluation of samarium (III) phosphate [(153)Sm] colloid (SMPC) for possible therapeutic use. □	27	353
		Das T, Banerjee S, Samuel G, Kothari K, Unni PR, Sarma HD, Ramamoorthy N, Pillai MR.	[(186/188)Re] rhenium-ethylene dicycysteine (Re-Ec): preparation and evaluation for possible use in endovascular brachytherapy.	27	189
2000	Nucl Med Commun.	Vanaja R, Solav SV, Joshi SH, Kumar P, Ramamoorthy N.	Preparation of 99mTc-ethylene dicycysteine (99mTc-EC) by transchelation using 99mTc-glucoheptonate (99mTc-GHA) and its evaluation for renal function studies.	21	977
		Das T, Banerjee S, Samuel G, Sarma HD, Ramamoorthy N, Pillai MR.	188Re-ethylene dicycysteine: a novel agent for possible use in endovascular radiation therapy.	21	939

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1999	Appl Radiat Isot.	G Prabhakar, Kiran S Mehra, N Ramamoorthy, S Chattopadhyay, Reji Oommen, S Narasimhan, N Aravindan Nair, S Gunasekaran	Evaluation of radioiodination of meta-iodobenzylguanidine (MIBG) catalysed by in situ generated Cu(I) and directly added Cu(II) □	50	1011
		Sankha Chattopadhyay, M K Das, B R Sarkar, N Ramamoorthy	A paper chromatographic technique for quantitative evaluation of hydrolysed and ionic components in Tl-201 radiopharmaceuticals □	50	995
		Saraswathy P., Sarkar S. K., Narasimhan D. V. S., Patel R. R., Ramamoorthy N.	Microwave oven drying of zirconium molybdate-99Mo for use in 99mTc Gel generator.	50	277
1999	Eur J Nucl Med.	N.C.Goomer NC, Duggal RK, Prakash R.	Bone Scintigraphy with Tc-99m MDP formulated by Novel, Simple and rapid Sonication Method: Clinical Results	26	1633
1999	J Radioanal Nucl Chem.	Sankha Chattopadhyay, M. K. Das, B. R. Sarkar, N. Ramamoorthy	Ethylene dicysteine (EC) and ethyl cysteinyl dimer (ECD) complexes of Ga(III) and In(III)	242	29
		T.K. Karir, S.M. Mirapurkar, N. Jyotsna, N. Sivaprasad	Radioiodination of recombinant human growth hormone and its use in radioimmunoassay	240	343
1998	Appl Radiat Isot.	Sankha Chattopadhyay, M. K. Das, B. R. Sarkar, N. Ramamoorthy	Radiometric studies on adsorption of iron on cation exchange resin and also of indium and gallium in Presence of Iron: Applicability to Prepare 67Ga with Low Iron Content	49	899
1998	Radiochim Acta	Saraswathy P., Sarkar S.K, Patel R. R., Arora S. S., Narasimhan D. V. S.	99mTc Gel generators based on zirconium molybdate-99Mo: II: Evaluation of preparation and performance.	83	103
		Saraswathy P, Sarkar S.K, Patel R. R., Arora S. S., Narasimhan D. V. S.	99mTc Gel generators based on zirconium molybdate-99Mo: I: Process standardization for production.	83	97
1997	Appl Radiat Isot.	Sankha Chattopadhyay, M.K. Das, B.R. Sarkar, N. Ramamoorthy	Radiochemical separation of high purity 111In from cadmium, copper, aluminium and traces of iron: Use of a cation exchange resin with hydrobromic acid and hydrochloric acid □	48	1063

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1997	Appl Radiat Isot.	S. Chattopadhyay, M. K. Das, B. R. Sarkar, N. Ramamoorthy	Simple procedure for the preparation of iron-free ⁶⁷ Ga from an irradiated copper target—Use of ascorbic acid □	48	211
1997	J Radioanal Nucl Chem.	H.L. Bhalla, R. Mathew, Grace Samuel, N. Sivaprasad	Preparation of radiolabelled clonidine for use in radioimmunoassay.	221	93
		H.L. Bhalla, P.R. Vavia, G. Samuel, N. Sivaprasad	Development of radioimmunoassay : I : Preparation of radiolabelled tracer theophylline,	220	73
1997	Nucl Med Biol.	P M Pandey, S S Sachdev, N Ramamoorthy, R Lal, D K Ranganatha, S Narasimhan, R Oommen, S Gunasekaran, NA Nair	Formulation and evaluation of a two-components lyophilized kit for Tc-sestamibi: Transchelation preparation of Tc-99m-sestamibi	24	697
1997	Radn Prot Env.	T.B. Bhargava, P.M. Ravi, A.M. Bhagwat, S.B. Kamble, S.S. Arora	Development of a sensitive ¹²⁵ I thyroid monitoring system suitable for production plant environment,	20	29
1996	J Radioanal Nucl Chem Articles	V. Kadwad, N. Jyotsna, N. Sivaprasad, P.K. Sinha	A method of preparation of magnetizable cellulose and its application in RIA of T3 and T4,	210	27
1996	J Radioanal Nucl Chem Lett.	A.G. Sapre, Ramji Lal, N. Sivaprasad, P.R. Vavia	Synthesis of an immunogen and a novel radiotracer of estradiol	214	291
1996	Nucl Med Biol.	M. Chatterjee, A. Majumdar, Priya Iyer, G. Muthukrishnan, M.K. Das, N. Ramamoorthy, C.N. Desai, S. Banerjee	Anomalies in hepatobiliary excretion of ^{99m} Tc-MAG3	23	867
1996	Radn Phy Chem.	L. Varshney, N. Balan, S. V. Choughule, P. K. Jothish, K. Krishnamurthy	Radiation degradation and frictional properties of gamma sterilized PVC (copper-T)	47	649
1994	J Lab Compds Radiopharm.	N. Gajendiran, N. Jayachandran, B. S. Rao, V. K. P. Unny, S. Thyagarajan	Biotechnological production of high specific activity L-35- S-cysteine and-35-methionine by using a diploid yeast <i>Saccharomyces cerevisiae</i>	34	571

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1994	Nucl Med Biol.	Goomer NC, Kulkarni PV, A.Constantinescu A, Antich P, Parkey RW Corbett JR.	Synthesis and evaluation of New Class of Technetium-99m Monocationic Radiotracers from Dithenyldiazalkanes,	21	65
1994	Radn Phy Chem.	L. Varshney, K. M. Patel	Effects of ionizing radiations on a pharmaceutical compound, chloramphenicol	43	471
1993	Nucl Instrum Meth Phy Res.	P.V.Kulkarni, J.A.Anderson, P.P.Antich, J.O.Prior, N.C.Goomer, R.W.Parkey et al.	New approaches in medical imaging using plastic scintillating detectors	79	921
1992	Nucl Med Biol.	N. Nair, U.N. Nayak, P. Ramanathan, N. Ramamoorthy, S.S. Sachdev	Utility of technetium-t-butylisonitrile (99mTc-TBI) myocardial imaging in coronary artery disease	19	705
		N.C. Goomer, P.V. Kulkarni, R.W. Parkey et al.	Synthesis and Evaluation of 99mTc monocationic mixed ligand complexes of phenyl substituted/condensed tetradentate Schiff's bases and trimethyl phosphine	19	679
1991	Appl Radiat Isot.	Rathinaswamy, U.H. Nagvekar, J. Chatur, N. Ramamoorthy, C.N. Desai	Suitability of PEG for precipitation of monoclonal antibodies (MoAb) - A radiometric study.	42	206
1991	J Lab Compds Radiopharm.	K. Tubergen, M. Corlija, N. Ramamoorthy, M.R.A. Pillai, W.A. Volkert, D.E. Troutner, R.A. Holmes.	Studies on the stability of Tc-d, I-HMPAO in aqueous solution.	30	50
1991	Nucl Med Biol.	Rathinaswamy A, Nagvekar UH, Nirmala V, J. Chatur J, Rani K, Ramamoorthy N, Balakrishnan SA, Desai CN.	Superiority of the use of pre-incubated complex of primary and second antibody in the RIA of thyroid hormones.	18	187
1990	Int J Radn Appln Instr. B Nuc Med Bio.	S S Sachdev, N Ramamoorthy, U N Nayak, R B Patel, P Ramanathan, Seema Srivastava, Ramji Lal, S V Raghavan, K B Shah, C N Desai	Preparation and evaluation of 99mTc-t-butylisonitrile (99mTc-TBI) for myocardial imaging: a kit for hospital radiopharmacy.	17	543

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1990	J Nucl Med.	P Ramanathan, R B Patel, N Subrahmanyam, U N Nayak, S S Sachdev, N Ramamoorthy	Visualization of suppressed thyroid tissue by technetium-99m-tertiary butyl isonitrile: an alternative to post-TSH stimulation scanning.	31	1163
1990	J Radioanal Nucl Chem Articles	S.N. Muddukrishna, D.V.S. Narasimhan, C.N. Desai.	A novel technique for the separation of 99mTc from 99Mo.	140	153
		Rathinaswamy, U.H. Nagvekar, S.D. Borkute, S.A. Balakrishnan, C.N. Desai.	Some aspects of optimization of separation system in radioimmunoassay of triiodothyronine.	139	215
1990	J Radioanal Nucl Chem Lett.	S.N. Muddukrishna, D.V.S. Narasimhan, P. Saraswathy, C.N. Desai.	A rapid method for recovery of radiochemically pure Tc-99m from MEK	146	235
		S.N. Muddukrishna, D.V.S. Narasimhan, C.N. Desai.	Extraction of 99mTc into MEK from large quantity of molybdate retained on alumina column.	145	311
1990	Radiochim Acta	M.K. Das, B.R. Sarkar, N. Ramamoorthy	Yields of some radioisotopes formed in α -particle induced reactions on titanium and recovery of scandium radionuclides	50	135
1989	Clin Chem.	Kanchan Kothari, N. Sivaprasad, R.S. Mani.	Shaking polystyrene beads during coating with antibody : Effect on the precision profile of enzyme immunoassay of T3,	701	35
1989	J Radioanal Nucl Chem.	Ramamurthy TV, Ravi S, Viswanathan, KV	Degradation studies of ^{14}C labelled p-fluorophenylacetic acid prepared by exchange reaction	135	111
		N. Ramamoorthy, S.A. Balakrishnan, S.V. Shetye, P.M. Pandey, U.N. Nayak, R.B. Patel, M.C. Patel, P. Ramanathan	Preparation and evaluation of 99mTc-thiodiglycolic acid (TDGA) as a possible renal function agent.	134	423
1989	Radiochim Acta	M.K. Das, N. Ramamoorthy, B.R. Sarkar, R.S. Mani	Yield of ^{52}Fe by α -particle reaction on natural chromium at 70 MeV.	47	173
		M.K. Das, B.R. Sarkar, N. Ramamoorthy, R.S. Mani	Yields of some radioisotopes formed in α -particle induced reactions on natural molybdenum	47	29

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1988	Eur J Nucl Med.	Patel MC, Patel RB, Ramanathan P, Ramamoorthy N, Krishna BA, Sharma SM.	Clinical evaluation of ^{99m} Tc(V)-dimercapto succinic acid (DMSA) for imaging medullary carcinoma of thyroid and its metastasis.	13	507
1987	Eur J Nucl Med.	Ramamoorthy N, Shetye SV, Pandey PM, Mani RS, Patel MC, Patel RB, Ramanathan P, Krishna BA, Sharma SM.	Preparation and evaluation of ^{99m} Tc(V)-DMSA complex: studies in medullary carcinoma of thyroid.	12	623
1987	Int J Rad Appl Instrum B.	Astheimer L, Linse KH, Ramamoorthy N, Schwochau K.	Synthesis, characterization and evaluation of ⁹⁹ Tc/ ^{99m} Tc DIARS and DMPE complexes containing pentadecanoic acid.	14	545
1986	Clin Chem.	Jyotsna J, Pillai MR, Gupte JH, Mani RS.	Carbodiimide used in coupling triiodothyronine antibody to carboxymethyl-cellulose powder for solid-phase radioimmunoassay.	32	229
1983	Clin Chem.	Samuel G, Sivaprasad N, Shah KB, Mani RS.	Solid-phase radioimmunoassay for human placental lactogen in serum. □	29	168
1968	Int J Appl Radiat Isot.	Desai CN, Lebre MM.	Preparation of radioiodine labelled 3-(alpha-acetonyl-4-iodobenzyl)-4-hydroxy-coumarin (B-II54).	19	157
		Desai CN, Hegesippe M.	Preparation of radioiodine labelled Rose Bengal for liver function studies.	19	153
1966	Radiology.	Ganatra RD, Mani RS, Ramnath P, Mehta MN, Desai KB, Desai CN.	A new radiopharmaceutical agent for tumor scanning.	87	750
1965	Int J Appl Radiat Isot.	Viswanathan K.V.	[ISOTOPIC ENRICHMENT OF C14 BY THIN LAYER CHROMATOGRAPHY]. [Article in French]	16	60