



Select International Journal Publications From BRIT

Year	Journal	Authors	Title	Volume	Pageb
1965	Int J Appl Radiat Isot.	Viswanathan K.V.	[ISOTOPIC ENRICHMENT OF C14 BY THIN LAYER CHROMATOGRAPHY]. [Article in French]	16	60
1966	Radiology.	Ganatra RD, Mani RS, Ramnath P, Mehta MN, Desai KB, Desai CN. □	A new radiopharmaceutical agent for tumor scanning.	87	750
1968	Int J Appl Radiat Isot.	Desai CN, Hegesippe M. □	Preparation of radioiodine labelled Rose Bengal for liver function studies.	19	153
		Desai CN, Lebre MM. □	Preparation of radioiodine labelled 3-(alpha-acetonyl-4-iodobenzyl)-4-hydroxy-coumarin (B-II54).	19	157
1983	Clin Chem.	Samuel G, Sivaprasad N, Shah KB, Mani RS.	Solid-phase radioimmunoassay for human placental lactogen in serum. □	29	168
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
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 99mTc(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 99Tc/99mTc DIARS and DMPE complexes containing pentadecanoic acid.	14	545

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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
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.	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 ^{99m} Tc-thiodiglycolic acid (TDGA) as a possible renal function agent.	134	423
		Ramamurthy TV, Ravi S, Viswanathan, KV	Degradation studies of ¹⁴ C labelled p-fluorophenylacetic acid prepared by exchange reaction	135	111
1989	Radiochim Acta	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
		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
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 ^{99m} Tc-t-butylisonitrile (^{99m} Tc-TBI) for myocardial imaging: a kit for hospital radiopharmacy.	17	543
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	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
		S.N. Muddukrishna, D.V.S. Narasimhan, C.N. Desai.	A novel technique for the separation of ^{99m} Tc from ⁹⁹ Mo.	140	153

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1990	J Radioanal Nucl Chem Lett.	S.N. Muddukrishna, D.V.S. Narasimhan, C.N. Desai.	Extraction of ^{99m} Tc into MEK from large quantity of molybdate retained on alumina column.	145	311
		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
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
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
1992	Nucl Med Biol.	N.C. Goomer, P.V. Kulkarni, R.W. Parkey et al.	Synthesis and Evaluation of ^{99m} Tc monocationic mixed ligand complexes of phenyl substituted/condensed tetradentate Schiff's bases and trimethyl phosphine	19	679
		N. Nair, U.N. Nayak, P. Ramanathan, N. Ramamoorthy, S.S. Sachdev	Utility of technetium-t-butylisonitrile (^{99m} Tc-TBI) myocardial imaging in coronary artery disease	19	705
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

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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 Saccharomyces cerevisiae	34	571
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
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 99mTc-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
1997	Appl Radiat Isot.	S. Chattopadhyay, M. K. Das, B. R. Sarkar, N. Ramamoorthy	Simple procedure for the preparation of iron-free 67Ga from an irradiated copper targetâ€”Use of ascorbic acid □	48	211
		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
1997	J Radioanal Nucl Chem.	H.L. Bhalla, P.R. Vavia, G. Samuel, N. Sivaprasad	Development of radioimmunoassay : I : Preparation of radiolabelled tracer theophylline,	220	73

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1997	J Radioanal Nucl Chem.	H.L. Bhalla, R. Mathew, Grace Samuel, N. Sivaprasad	Preparation of radiolabelled clonidine for use in radioimmunoassay.	221	93
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 125I thyroid monitoring system suitable for production plant environment,	20	29
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: I: Process standardization for production.	83	97
		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
1999	Appl Radiat Isot.	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
		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
		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
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

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1999	J Radioanal Nucl Chem.	T.K. Karir, S.M. Mirapurkar, N. Jyotsna, N. Sivaprasad	Radioiodination of recombinant human growth hormone and its use in radioimmunoassay	240	343
		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
2000	J Lab Compds Radiopharm.	N. Jayachandran, K. P. Asokan, V. K. P. Unny □	Biosynthesis of high specific activity ³⁵ S-glutathione	43	971
2000	Nucl Med Biol.	Das T, Banerjee S, Samuel G, Kothari K, Unni PR, Sarma HD, Ramamoorthy N, Pillai MR. □	[^{186/188} Re] rhenium-ethylene dicysteine (Re-Ec): preparation and evaluation for possible use in endovascular brachytherapy.	27	189
		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
2000	Nucl Med Commun.	Das T, Banerjee S, Samuel G, Sarma HD, Ramamoorthy N, Pillai MR. □	¹⁸⁸ Re-ethylene dicysteine: a novel agent for possible use in endovascular radiation therapy.	21	939
		Vanaja R, Solav SV, Joshi SH, Kumar P, Ramamoorthy N.	Preparation of ^{99m} Tc-ethylene dicysteine (^{99m} Tc-EC) by transchelation using ^{99m} Tc-glucoheptonate (^{99m} Tc-GHA) and its evaluation for renal function studies.	21	977
2001	Appl Radiat Isot.	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
		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

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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
2001	Nucl Med Biol.	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 dicysteine.	28	309
		Sankha Chattopadhyay, M K Das, R Vanaja, N Ramamoorthy □	Purification and stabilization of Tc-99m-d,1-HMPAO: Role of organic extractants	28	741
2001	Nucl Med Commun.	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
		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
2001	Semin Nucl Med.	Banerjee S, Pillai MR, Ramamoorthy N.	Evolution of Tc-99m in diagnostic radiopharmaceuticals.	31	260
2002	Appl Radiat Isot.	Chattopadhyay S., Das M.K., Sarkar S.K, Saraswathy P., N.Ramamoorthy N.	A Novel 99mTc delivery system using (n, \hat{f}^3) 99Mo adsorbed on a large alumina column in tandem with Dowex-1 and AgCl columns.	57	7
2002	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

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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
2002	J Radioanal Nucl Chem.	Ravi S, Mathew KM, Subramanian TK, Seshadri NK.	Preparation of tritiated polystyrene coated radioluminescent phosphor	254	209
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.	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
		Ramamoorthy N, Saraswathy P, Das MK, Mehra KS, Ananthakrishnan M.	Production logistics and radionuclidic purity aspects of ¹⁵³ Sm for radionuclide therapy.	23	83
		Ramamoorthy N, Saraswathy P, Das MK, Mehra KS, Ananthakrishnan M.	Production logistics and radionuclidic purity aspects of ¹⁵³ Sm for radionuclide therapy	23	83
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
2003	Appl Radiat Isot.	Pillai MR, Chakraborty S, Das T, Venkatesh M, Ramamoorthy N. □	Production logistics of ¹⁷⁷ Lu 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 Immunoassay Immunochem.	Vrinda C, Paradkar SN, Jyotsna N, Sivaprasad N.	Immunoradiometric assay (IRMA) for human follicle stimulating hormone (FSH) and luteinizing hormone (LH) using common avidin solid phase.	24	285

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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
		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
		S. P. Patil, D. B. Kalgutkar, V. K. P. Unny, N. Sivaprasad □	Synthesis of ammonium [14 C]thiocyanate	258	453
2003	Nucl Med Biol.	Das T, Banerjee S, Samuel G, Sarma HD, Korde A, Venkatesh M, Pillai MR.	99mTc-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 131I-ortho-iodohippurate.	24	583
2003	Radn Prot Env.	D.K. Sahoo and A.K. Kohli	Radiation Safety in Install & Operate Irradiator	26	340
		Jain Reji George, A.K. Kohli et al	Evaluation of Transient Dose in Conveyor Type Low Dose Irradiator	26	405
2004	Bioorg Med Chem.	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
		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

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2004	J Radioanal Nucl Chem.	Mathew KM, Ravi S, Subramanian TK	Stability of tritiated polystyrene coated zinc sulphide phosphor	261	697
		Asokan KP, Sebastian J, Jayachandran N, Unny VKP □	Facile preparation of potassium 32 P-phosphonate	262	767
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
		Banerjee S, Das T, Chakraborty S, Samuel G, Korde A, Srivastava S, Venkatesh M, Pillai MR.	177Lu-DOTA-lanreotide: a novel tracer as a targeted agent for tumor therapy.	31	753
2004	Nucl Med Commun.	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
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	J Lab Compds Radiopharm.	C.V. Sontakke, S. P. Patil, V. K. P. Unny and N. Sivaprasad	Convenient synthesis of d-threo-[dichloroacetyl 1-14C] chloramphenicol	48	597

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2005	J Lab Compds Radiopharm.	Ravi S, Mathew KM, Unny VKP, Sivaprasad N.	A facile synthesis of high specific activity sodium [¹⁴ C] lauryl sulphate under microwave irradiation	48	1055
		Ravi S, Mathew KM, Padmanabhan D, Unny VKP, Sivaprasad N □	A facile synthesis of [¹⁴ C]pyrithiobac-sodium	49	339
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'- ¹⁸ F-fluoropropyl)-3-(2-(S)-pyrrolidinylmethoxy)pyridine, in rodents and PET in nonhuman primate. □	46	130
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
		Patil SP, Kalgutkar DB, Jayachandran N, Unny VKP	A facile preparation of ammonium [¹⁴ C]thiocyanate	266	75
		Devika K, Chandrika R, Padmanabhan D, Unny VKP, Sivaprasad N	Preparation of tritiated fluorenone and flurenol	266	507
		Mathew KM, Ravi S.	Facile conversion of [1- ¹⁴ C]lauronitrile to [1- ¹⁴ C]lauric acid under microwave irradiation	267	245
2005	Nucl Med Commun.	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
		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
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.	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
		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
2006	Bioorg Med Chem.	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
2006	J Chem Research	Ravi S, Mathew KM, Unny VKP, Sivaprasad N. □	A facile solvent-free synthesis of high specific activity potassium [¹⁴ C]formate and ethyl [¹⁴ C]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- ¹⁴ C]isosorbide and dimethyl[U- ¹⁴ C]isosorbide from D-[U- ¹⁴ C]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' ¹⁴ C]4,6 dimethoxypyrimidin 2' yloxy) 2 phenyl [1 ¹⁴ C]ethanoate noate	49	699
2006	J Radioanal Nucl Chem.	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

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2006	J Radioanal Nucl Chem.	T. Karir, U.H. Nagvekar, Grace Samuel, N. Sivaprasad, P. Chaudhuri, A.Samad	Estimation of progesterone in buffalo milk by radioimmunoassay.	267	321
		Devika K, Chandrika R, Mukherjee S, Padmnabhan D, Unny VKP Sivaprasad N.	Simultaneous Preparation of tritiated Uracil and Uridine	267	581
		K. M. Mathew, S. Ravi, V. K. P. Unny, N. Sivaprasad	Synthesis of [1- 14 C]-labeled mandelic acid under microwave condition	268	651
2006	Nucl Med Commun.	Chakraborty S, Das T, Banerjee S, Sarma HD, Venkatesh M.	Preparation and preliminary biological evaluation of ¹⁷⁷ Lu-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
2007	Appl Radiat Isot.	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
		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
		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
		Kothari K, Prasad S, Korde A, Mukherjee A, Mathur A, Jaggi M, Venkatesh M, Pillai AM, Mukherjee R, Ramamoorthy N. □	^{99m} Tc(CO) ₃ -VIP analogues: preparation and evaluation as tumor imaging agent.	65	382

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2007	Appl Radiat Isot.	Sankha Chattopadhyay, Sujit Pal, K V Vimalnath, M K Das □	A versatile technique for radiochemical separation of medically useful no-carrier-added (nca) radioarsenic from irradiated germanium oxide targets	65	1202
		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
2007	J Lab Compds Radiopharm.	N. Jayachandran, V. K. P. Unny, N. Sivaprasad	A facile synthesis of [35S]homocysteine and its derivatives from methionine [35S] sulphoxide - a by-product in [35S]methionine synthesis	50	418
		Sanjay P. Patil, Deepak B. Kalgutkar, Narath Jaychandran, V.K.P. Unny □	A fast and simple method of isomerization for the preparation of ammonium (14C)thiocyanate from (14C)thiourea	50	420
		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 14C]diuron	50	541
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
2008	Appl Radiat Isot.	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, 111Ag-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, 111Ag-labelled hydroxyapatite (HA) particles. □	66	334
		Sankha Chattopadhyay, Malay Kanti Das	A novel technique for the effective concentration of 99mTc from a large alumina column loaded with low specific-activity (n,Gamma)-produced 99Mo	66	1295

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2008	Appl Radiat Isot.	Sankha Chattopadhyay, Sujata Saha Das, Malay K Das, Naresh C Goomer	Recovery of Tc-99m from Na-2[Mo-99]MoO ₄ solution obtained from reactor-produced (n,γ) Mo-99 using a tiny Dowex-1 column in tandem with a small alumina column □	66	1814
		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
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.	Anu J Airaksinen, Sangram Nag, Sjoerd J Finnema, Jogeshwar Mukherjee, Sankha Chattopadhyay, Balázs Gulyás, Lars Farde, Christer Halldin	[¹¹ C]Cyclopropyl-FLB 457: A PET radioligand for low densities of dopamine D ₂ receptors □	16	6467
		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
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
2008	J Lab Compds Radiopharm.	Mathur, H.D. Sarma, Meera Venkatesh, Sharmila Banerjee	Comparing hypoxia-targeting potential of ^{99m} Tc(CO) ₃ -labeled 2-nitro and 4-nitroimidazole Madhava B Mallia, Suresh Subramanian, Anupam	51	
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 ¹⁷⁷ Lu-labeled hydroxyapatite particles for possible use in the therapy of liver cancer.	35	589

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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
2009	Ann Nucl Med.	Pandey U, Bapat K, Sarma HD, Dhambi PS, Naik PW, Samuel G, Venkatesh M. □	Bioevaluation of (90)Y-labeled particles in animal model of arthritis.	23	333
2009	Appl Radiat Isot.	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
		Yelgaonkar VN, Jayakumar TK, Singh S, Sharma MK.	Combination of sealed sources and radiotracer techniques to understand malfunctioning in a chemical plant	67	1244
		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
		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
		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
		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
2009	Cancer Biother Radiopharm.	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	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 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
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 ⁶⁸ Ge/ ⁶⁸ Ga generator.	2	2069
2010	Appl Radiat Isot.	Sankha Chattopadhyay, Sujata Saha Das, Susmita Chandra, Kakali De, Mridula Mishra, Bharat Ranjan Sarkar, Samarendu Sinha, Shantanu Ganguly	Synthesis and evaluation of Tc-99m-moxifloxacin, a potential infection specific imaging agent □	68	314
		Sankha Chattopadhyay, Sujata Saha Das	Recovery of I-131 from alkaline solution of n-irradiated tellurium target using a tiny Dowex-1 column □	68	1967
		Chakravarty R, Dash A, Pillai MR, Venkatesh M. □	Post-elution concentration of (¹⁸⁸)Re by an electrochemical method.	68	2302
2010	Cancer Biother Radiopharm.	Subramanian S, Das T, Chakraborty S, Sarma HD, Banerjee S, Samuel G, Venkatesh M. □	Preparation of ¹⁷⁷ Lu-labeled oxine in lipiodol as a possible agent for therapy of hepatocellular carcinoma: a preliminary animal study.	25	539

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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
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 Technetium99mL,L' Ethylene Dicysteine: Its Characterisation, Biodistribution and Comparison with Commercially Available 99mTc-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.	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-99mTc(CO)3 complexes to target hypoxic tumors	53	535
		Anupam Mathur, Madhava B. Mallia, Haladhar D. Sarma, Sharmila Banerjee, Meera Venkatesh □	Evaluation of new positively charged 11- and 12-carbon 99mTc-labeled fatty acid derivatives for myocardial imaging □	53	580
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.	Sankha Chattopadhyay, Sujata Saha Das, Luna Barua	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
		Chakravarty R, Dash A, Venkatesh M.	A novel electrochemical technique for the production of clinical grade 99mTc using (n, gamma)99Mo. □	37	21

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2010	Nucl Med Biol.	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
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 $^{188}\text{W}/^{188}\text{Re}$ generator technology.	83	6342
2011	Appl Radiat Isot.	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
		Dash A, Chakravarty R, Ram R, Pillai KT, Yadav YY, Wagh DN, Verma R, Biswas S, Venkatesh M.	Development of a $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$ generator using alumina microspheres for industrial radiotracer applications. □	70	51
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
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 $^{99\text{m}}\text{Tc}$ -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- $[\text{M}(\text{CO})\hat{a},f]^+$ ($\text{M} = (^{99\text{m}}\text{Tc}, \text{Re})$) for specific targeting of sentinel lymph node.	8	609

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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 68Ge/68Ga generator for biomedical applications.	38	575
2012	Appl Radiat Isot.	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
		Sujata Saha Das, Sankha Chattopadhyay, Luna Barua, Malay Kanti Das	Production of Cu-61 using natural cobalt target and its separation using ascorbic acid and common anion exchange resin	70	365
		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
		Sankha Chattopadhyay, Mayuri Ghosh, Sucharita Sett, Malay Kanti Das, Susmita Chandra, Kakali De, Mridula Mishra, Samarendu Sinha, Bharat Ranjan Sarkar, Shantanu Ganguly	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
		Sankha Chattopadhyay, Luna Barua, Anirban De, Sujata Saha Das, Remashan Kuniyil, Partha Bhaskar, Sasanka Shekhar Pal, Sishir Kumar Sarkar, Malay Kanti Das	A computerized compact module for separation of Tc-99m-radionuclide from molybdenum □	70	2631
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

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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
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
2013	Appl Radiat Isot.	Sujata Saha Das, Sankha Chattopadhyay, Md Nayer Alam, Madhusmita, Luna Barua, Malay Kanti Das	Preparation and evaluation of SnO ₂ -based (68)Ge/(68)Ga generator made from (68)Ge produced through (nat)Zn(Î±,xn) reaction.	79	42
2013	Bioorg Med Chem Lett.	Mathur A, Mallia MB, Banerjee S, Sarma HD, Pillai MR. □	Preparation and evaluation of a 99mTcN-PNP complex of sanazole analogue for detecting tumor hypoxia.	23	1394
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

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2013	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	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.	Pandey U, Kameswaran M, Sarma HD, Samuel G.	99m-Tc carbonyl DTPA-rituximab: preparation and preliminary bioevaluation. □	86	52
		Mukherjee A, Sahoo S, Sarma HD, Chakraborti CK, Samuel G.	Preparation and evaluation of three mucoadhesive dosage forms using (99m)Tc-Ofloxacin.	89	192
2014	Biomed Res Int.	Sanjay Dey, Sankha Chattopadhyay, Bhaskar Mazumder	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.	Kumar C, Vats K, Lohar SP, Korde A, Samuel G.	Camptothecin Enhances Cell Death Induced by Lu-177-EDTMP in Osteosarcoma Cells	29	
		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
2014	Chem Biol & Drug Des	Rinku Baishya, Dipak Kumar Nayak, Sanmoy Karmakar, Sankha Chattopadhyay, Satbir S. Sachdeva, Bharat R Sarkar, Shantanu Ganguly, Mita Chatterjee Debnath	Synthesis and Evaluation of Technetium-99m Labeled Bioreductive Pharmacophores Conjugated with Amino Acids and Peptides for Tumor Imaging □	85	
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.	Sanjay Dey, Bhaskar Mazumder, Sankha Chattopadhyay, Malay Kanti Das, Samarendu Sinha, Shantanu Ganguly, Kakali De, Mridula Mishra	Polymers Derived from Xanthomonas campesteris and Cyamopsis tetragonolobus use as Retardant Materials for the Formulation of Sustained Release Floating Matrix Tablet of Atenolol. □		

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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.	Mukherjee A, Sharad Lohar S, Dash A, Sarma HD, Samuel G, Korde A.	Single vial kit formulation of DOTATATE for preparation of ¹⁷⁷ Lu-labeled therapeutic radiopharmaceutical at hospital □ radiopharmacy		
		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 Radioanal Nucl Chem.	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	
		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
		Mukherjee A, Korde A, Sarma HD, Samuel G.	Single vial formulation for theranostic radiopharmaceutical preparation	302	889
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
2014	Nucl Med Biol.	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
		Navin Sakhare, Soumen Das, Anupam Mathur, V.V. Murhekar, R. Krishna Mohan, G. Prabhakar, S.S. Sachdev □	Synthesis of ^{99m} Tc analogue of ^{123/131} I-mIBG for possible use in neuroendocrine tumor imaging □	41	624

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2014	Q J Nucl Med Mol Imaging.	Subramanian S, Pandey U, Morais M, Correia JD, Santos I, Samuel G.	Comparative biological evaluation of two [99mTc(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 [99mTc(CO)3]-dextran pyrazolyl mannose conjugates developed for use in sentinel lymph node detection.	58	216
2014	World J Nucl Chem.	Shinto AS, Antony J, Kamaleshwaran 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
2015	Cancer Biotherap Radiopharm.	Madhava B Mallia, Anupam Mathur, Haladhar D Sarma, Sharmila Banerjee	A 99m Tc-Labeled Misonidazole Analogue: Step Toward a 99m Tc-Alternative to [18 F]Fluromisonidazole for Detecting Tumor Hypoxia	30	79
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