

PROF. MUSHI SANTAPPA: PUBLICATIONS ARCHIVE



**Prof. M Santappa Birth Centenary Celebrations
(1923 – 2023)**



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Prof. Mushi Santappa's Bio-Brief

Mushi Santappa was born on 2nd October 1923 in Jonnagiri village, Andhra Pradesh, to Arikeri Basappa-Rajoli couple and graduated in Chemistry from the University of Madras in 1943. He obtained a Master's Degree from Banaras Hindu University in 1946, after which he was awarded a Ph.D. from the University of London under the guideship of R. W. West. Further, he obtained another Ph.D. in 1951 from Manchester University on the title *Physical Chemistry of High Polymers* under the guidance of Meredith Gwynne Evans, a Fellow of the Royal Society.

He came back to India after completion of Ph.D. studies and joined the University of Madras as a Reader of Physical Chemistry Department in 1952, and in 1958, he was transferred to the Madurai Extension Centre (present-day Madurai Kamaraj University) as a Professor. Prof Santappa returned to Chennai in 1963 as the Head of the Department of Physical Chemistry. He served as a UGC Senior Professor at the University of Madras from 1966 onward. He was Director of Central Leather Research Institute (CLRI) from 1972 -78 and 1980-81. He was Vice Chancellor of Sri Venkateswara University, Tirupati, during 1979-1980. He was Vice Chancellor of the University of Madras from 1981 to 1984. While working as the UGC professor, he co-founded "*Avanti Leather Limited*," a public limited company involved in the manufacture and export of leather products, in 1976.

Santappa's early research during his doctoral studies was related to vinyl monomers and their free radical polymerization using light, but later, he shifted his focus to the study of the kinetics of vinyl polymerization during his stint at the laboratory of Meredith Gwynne Evans. Through these studies, he propounded that vinyl monomers could be polymerized using photopolymerization. He also demonstrated the synthesis of graft copolymers by a simple chain transfer process and also studied the oxidation of a number of organic substrates.

Contribution to Research & Development:

Prof Santappa has published over 350 articles and has guided 59 research scholars on doctoral studies. He published a comprehensive text on the "*State of the Art in Polymer Science and Engineering in India*." together with Santi K. Palit, a known Chemist, he promoted research in Polymer Science at the Indian Association for the Cultivation of Science (IACS) and was one of the organizers of the International Symposium on Polymers, under the aegis of the International Union of Pure and Applied Chemistry (IUPAC), held in Chennai in 1983. He served as the chair of the "*Science and Society*" project under the Department of Science (DST) and Technology and has been an adviser to the Tamil Nadu Pollution Control Board (TNPCB). During his tenure as the Vice-Chancellor, University of Madras, he established the Department of Energy and

Department of Polymer Science and Technology. He was also a National Professor and member of the University Grants Commission (UGC) and in the council of the Indian National Science Academy (INSA).

Fellowships:

He was an elected Fellow of the Indian Academy of Sciences, National Academy of Sciences, India, Royal Institute of Chemistry, and New York Academy of Sciences and a Founder Fellow of the Academy of Sciences, Chennai.

Awards and Honors:

The Council of Scientific and Industrial Research awarded him the Shanti Swarup Bhatnagar Prize for Science and Technology, one of the highest Indian science awards, in 1967, for his contributions to Chemical Sciences. He received the Sir J. C. Ghosh Memorial Medal of the Indian Chemical Society in 1982 and the FICCI Award for Science and Technology of the Federation of Indian Chambers of Commerce & Industry in 1985. He also received the Sri Kanchi Mahaswami Trust and the Voice Award for Science and Technology of Leather. He received an honorary DLitt from Gulbarga University and the Doctor of Science (*honoris causa*) from Andhra University, Madras University, Sri Krishna Devaraya University, and Madurai Kamaraj University. The Society for Polymer Science, India, has instituted an annual award, "*Professor M. Santappa Award*," in his honour, which recognizes excellence in research in Polymer Chemistry.

Santappa married Lakshmi Devi, and the couple has three daughters and two sons. He died at the age of 93 on 26th February 2017 in Chennai.

LIST OF PUBLICATIONS

RESEARCH PAPERS PUBLISHED BY PROF. M SANTAPPA (1951 – 1989)

S.No.	Title	Authors	Journal	Volume	Issue	Pages	Year	DOI/Full-Text Link
1.	Kinetics and Mechanism of Hydrogen Peroxide Reactions of Diperoxo(amine)chromium(IV) Complexes: Evidence for Formation of an Oxodiperoxo(amine)chromium(VI) Intermediate	Ranganathan C.K., Ramasami T., Ramaswamy D., Santappa M.	Inorganic Chemistry	28	7	1306-1310	1989	https://pubs.acs.org/doi/epdf/10.1021/ic00306a020
2.	State of Art of polymer Research in India. Part III. Physical chemistry of polymers	Santappa, M	Proceedings of the Indian National Science Academy-Part A: Physical Sciences	55	6	799-827	1989	http://repository.ias.ac.in/88889/1/88889_%28799-827%29.pdf
3.	State of the Art of polymer research in India. Part II. Kinetics of polymerisation	Santappa, M	Journal of Scientific & Industrial Research	47		439	1988	http://www.niscair.res.in/ScienceCommunication/ResearchJournals/rejour/jsir/jsir0.asp
4.	State of the Art of polymer research in India. Part I. Modification of polymers by grafting	Santappa, M	Journal of Scientific & Industrial Research	47		384-394	1988	http://www.niscair.res.in/ScienceCommunication/ResearchJournals/rejour/jsir/jsir0.asp
5.	A few characterization studies on some poly(methyl aryloxymethacrylates)	Devarajan R., Balakrishnan T., Santappa M.	Journal of Polymer Science Part A: Polymer Chemistry	25	12	3183-3190	1987	https://doi.org/10.1002/pola.1987.080251201
6.	Effect of metal laurates on polymerization of methyl methacrylate in benzene	Theerthalingam, T.; Kothandaraman, H.; Santappa, M.	Die Makromolekulare Chemie	183	3	687-696	1986	https://doi.org/10.1002/macp.1986.021830318
7.	Hydrogen bonding and tautomeric equilibria in Schiff bases derived from 2-amino pyridines: electronic spectral evidence for substituent effects	Ranganathan, Hemalatha; Ramasami, T; Ramaswamy, D; Santappa, M	Indian Journal of Chemistry - Section A	25		127-130	1986	http://repository.ias.ac.in/88885/1/88885_%28127-130%29.pdf
8.	Acid Decomposition Reactions of Diperoxo(amine)chromium(IV) Complexes	Ranganathan C.K., Ramasami T., Ramaswamy D., Santappa M.	Inorganic Chemistry	25	7	915-920	1986	https://pubs.acs.org/doi/epdf/10.1021/ic00227a007
9.	Stereospecific polymerization of some methyl aryloxymethacrylates.	Balakrishnan T., Devarajan R., Santappa M.	Journal of Polymer Science. Part A-1: Polymer Chemistry	22	8	1909-1921	1984	https://doi.org/10.1002/pol.1984.170220813
10.	Oxygen-ascorbic acid-ferric ion initiating system. Kinetics of polymerization of methyl methacrylate	Reddy G.G., Nagabhushanam T., Rao K.V., Santappa M.	Die Angewandte Makromolekulare Chemie	115	1	61-74	1983	https://doi.org/10.1002/apmc.1983.051150106
11.	Ternary coordination complexes of Cr(III) with glycine and some dicarboxylic acids-potentiometric, spectral and ion-exchange studies	Chalapathy, K. V.; Nair, M. S.; Ramaswamy, D.; Santappa, M.	Journal of the Indian Chemical Society	LX		1175	1983	http://repository.ias.ac.in/88884/

12.	Partial substitution of wattle in E. I. tanning by a new process	D. Ghosh; A. Duraikannu; K. R. V. Thampuran; G. Ramamurthy; M. Santappa	Leather Science	30	12	361	1983	
13.	Graft and technology of chrome tanning	Srinivasan, K. S. V.; Han, I. N. S.; Santappa, M.	ACS Symposium Series	187		155	1982	http://repository.ias.ac.in/88873/
14.	Radical polymerisation of ethyl acrylate in the presence of molecular oxygen.	Reddy G.Gangi, Nagabhushanam T., Rao K.Venkata, Santappa M.	British Polymer Journal	14	3	89-94	1982	https://doi.org/10.1002/pi.4980140302
15.	Polymeric surface coatings for use as leather finishes-Part I. Studies on synthesis and characterisation of urethane acrylate oligomers	Sai Kumar C., Rajadurai S., Santappa M.	Bulletin of Materials Science	4	5	583-587	1982	https://oa.mg/work/10.1007/bf02824967
16.	The shape, size and flow behaviors of micelle forming various synthetic tannin materials in aqueous solutions	Mandal A.B., Ramaswamy D., Das D.K., Santappa M.	Colloid & Polymer Science	260	7	702-707	1982	https://doi.org/10.1007/BF01414657
17.	Oxygen-ascorbic acid-Copper (II) initiating system. A kinetic study of the polymerisation of methyl acrylate in aqueous medium	Reddy, G Gangi; Nagabhushanam, T; Santappa, M; Rao, K Venkata	Die Makromolekulare Chemie	183	4	905-913	1982	https://doi.org/10.1002/macp.1982.021830414
18.	Tensile properties of blends of copolymers of n-butyl methacrylate with ethyl acrylate and chlorinated rubber	Pitchumani S., Rami Reddy C., Rajadurai S., Joseph K.T., Santappa M.	European Polymer Journal	18	11	949-952	1982	https://doi.org/10.1016/0014-3057(82)90080-5
19.	Ternary Coordination Complex Formation between Glycylglycine, Copper (II)	Nair, M Sivasankaran; Venkatachalapathi, K; Santappa, M	Indian Journal of Chemistry - Section A	21A	4	435-437	1982	https://nopr.niscpr.res.in/bitstream/123456789/49806/1/IJCA%2021A%284%29%20435-437.pdf
20.	Equilibrium Studies on Containing-Arginine & Copper (II) Mixed Ligand Complexes-Histidine, Histamine or Imidazole	Nair, M Sivasankaran; Santappa, M	Indian Journal of Chemistry - Section A	21A	1	58-62	1982	https://nopr.niscpr.res.in/bitstream/123456789/49598/1/IJCA%2021A%281%29%2058-62.pdf
21.	Ternary Coordination Complexes of Copper(II) Containing Histamine and Some Amino Acids	Nair M.S., Venkatachalapathi K., Santappa M., Murugan P.K., Nair M.S., Venkatachalapathi K., Santappa M., Murugan P.K., Nair M.S.	Inorganic Chemistry	21	6	2418-2421	1982	https://doi.org/10.1021/ic00136a058
22.	Kinetics and Mechanism of the Equilibration Reactions of Diaquochromium(III)-Schiff Base Derivatives, Cr(Schiff base)(H ₂ O) ₂ ⁺ , and Their Conjugate Bases with Thiocyanate, Azide, Imidazole, Pyridine, and Nicotinic Acid as Ligands	Prasad D.R., Ramasami T., Ramaswamy D., Santappa M.	Inorganic Chemistry	21	3	850-854	1982	https://doi.org/10.1021/ic00133a002

23.	Ternary Coordination Complexes of Copper(II) with Imidazole and Bidentate or Potentially Tridentate Ligands	Nair M.S., Santappa M., Murugan P.K.	Inorganic Chemistry	21	1	142-145	1982	https://doi.org/10.1021/ic00133a002
24.	Kinetics and mechanism of the amine exchange reactions of 2-aminopyridine derived Schiff-base ligands and their copper(II) complexes	Ranganathan H., Ramasami T., Ranganathan C.K., Ramaswamy D., Santappa M.	International Journal of Chemical Kinetics	14	2	161-172	1982	https://doi.org/10.1002/kin.550140206
25.	Synthesis, characterization, and fiber studies of certain aromatic polyamides	Balasubramanian M., Nanjan M.J., Santappa M.	Journal of Applied Polymer Science	27	5	1423-1432	1982	https://doi.org/10.1002/app.1982.070270501
26.	Grafting of polymeric side chains to gelatin	Joseph A., Radhakrishnan G., Joseph K.T., Santappa M.	Journal of Applied Polymer Science	27	4	1313-1319	1982	https://doi.org/10.1002/app.1982.070270420
27.	Kinetics of Polymerization of Vinyl Monomers Initiated by Manganese (III) Acetate. I	Kaliyamurthy K., Elayaperumal P., Balakrishnan T., Santappa M.	Journal of Macromolecular Science: Part A - Chemistry	18	2	219-236	1982	https://doi.org/10.1080/00222338208074420
28.	Oxygen-Ascorbic Acid-Vanadyl Ion Initiating System. A Kinetic Study of the Polymerization of Methyl Methacrylate and Acrylonitrile in Aqueous Sulfuric Acid	Reddy G.G., Nagabhushanam T., Venkata Rao K., Santappa M.	Journal of Macromolecular Science: Part A - Chemistry	17	8	1203-1224	1982	https://doi.org/10.1080/00222338208074394
29.	Effect of additives on the cross section of PAN (polyacrylonitrile) fibres	Joseph, N., Murthy, A. K., Joseph, K. T., Santappa, M	Journal of Macromolecular Science—Chemistry	18	2	153-158	1982	http://repository.iias.ac.in/88861/1/88861_%28177-180%29.pdf
30.	Gamma radiation-induced bulk polymerization of some methyl aryloxymethacrylates	Devarajan, R.; Balakrishnan, T.; Santappa, M.; Viswanathan, B.	Journal of Polymer Science - Polymer Chemistry Edition	20	7	1863-1873	1982	https://doi.org/10.1002/pol.1982.170200718
31.	A comparison of the absolute reactivity of vinyl monomers. I. Kinetic studies on radical polymerization of vinyl monomers initiated by a Mn ³⁺ -diglycolic acid redox system	Elayaperumal P., Balakrishnan T., Santappa M., Lenz R.W.	Journal of Polymer Science. Part A-1: Polymer Chemistry	20	12	3325-3336	1982	https://doi.org/10.1002/pol.1982.170201207
32.	Vegetable tannings - a review	Santappa, M.; Rao, V. Sundara	Journal of Scientific & Industrial Research	41		705-718	1982	http://repository.iias.ac.in/88874/1/88874_%28705-718%29.pdf
33.	Science and technology of chrome tanning	Santappa, M; Ramasami, T; Kedlaya, KJ	Journal of Scientific & Industrial Research	41		616-627	1982	http://repository.iias.ac.in/88875/1/88875_%28616-627%29.pdf
34.	Equilibrium studies of binary and mixed-ligand complexes of zinc(II) involving imidazole, histamine, and L-histidine as ligands	Nair M.S., Venkatachalapathi K., Santappa M.	Journal of the Chemical Society, Dalton Transactions		3	555-559	1982	https://doi.org/10.1039/DT9820000555 https://pubs.rsc.org/en/content/articlelanding/

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35.	Binary and ternary complexes of chromium(III) involving iminodiacetic acid, L(+)-aspartic acid, L(+)-glutamic acid, or L(+)-cysteine as ligands	Venkatachalapa thi K., Nair M.S., Ramaswamy D., Santappa M.	Journal of the Chemical Society, Dalton Transactions		2	291-297	1982	http://dx.doi.org/10.1039/D9820000291 https://pubs.rsc.org/en/content/articlelanding/1982/dt/dt9820000291
36.	Ternary co-ordination complexes of copper(II) with L-histidine and some selected amino-acids	Nair M.S., Venkatachalapa thi K., Santappa M., Murugan P.K.	Journal of the Chemical Society, Dalton Transactions		1	55-60	1982	http://dx.doi.org/10.1039/D9820000055
37.	Carbon fibres	Santappa, M.	Journal of the Indian Chemical Society	LIX	3	321-328	1982	http://repository.iias.ac.in/88880/1/17-321-328_not_added.pdf
38.	A comparison of the absolute reactivity of vinyl monomers. II	Elayaperumal, P.; Balakrishnan, T.; Santappa, M.	Journal of the Madras University, Section B	46		58-73	1982	http://repository.iias.ac.in/88890/
39.	Dilute solution properties-short-range and long-range interaction parameters of poly (methacrylonitrile-co-styrene), poly (acrylonitrile-co-styrene) and poly (methacrylonitrile)	G. Venkataramana Reddy; K. S. V. Srinivasan; M. Santappa	Leather Science	29	5	163	1982	
40.	Reactivity ratios of ethyl acrylate, n-butyl-methacrylate copolymers by C NMR	S. Pitchumani; C. Rami Reddy; S. Rajadurai; K. T. Joseph; M. Santappa	Leather Science	29	3	83-85	1982	http://repository.iias.ac.in/88878/1/88878_%2883-85%29.pdf
41.	Preparation and structural implications of 2-amino pyridine derived Schiff base	Ranganathan, H.; Ramasami, T.; Ramaswamy, D.; Santappa, M.	Organic Preparations and Procedures International	14		372	1982	http://www.tandfonline.com/doi/abs/10.1080/03605318208839014
42.	Kinetics of polymerization of vinyl monomers initiated by manganese(III) acetate. II	Kaliyamurthy K., Elayaperumal P., Balakrishnan T., Santappa M.	Polymer Journal	14	2	107-113	1982	https://doi.org/10.1039/D9820000291
43.	Preparation and characterization of some Schiff base complexes of first row transition elements	Ranganathan, H.; Ramasami, T.; Ramaswamy, D.; Santappa, M.	Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry	12		241	1982	http://www.tandfonline.com/doi/abs/10.1080/03605318208839014
44.	Graft copolymer of cellulose nitrate	Srinivasan, K. S. V., HON DS., Santappa M	ACS Symposium Series	11		155-178	1982	
45.	Preparation and properties of immobilized amyloglucosidase	Nithianandam V.S., Srinivasan K.S.V., Joseph K.T., Santappa M.	Biotechnology and Bioengineering	23	10	2273-2282	1981	https://doi.org/10.1002/bit.260231010
46.	Immobilization of enzymes on alginate-chitosan copolymers	Kumaraswamy M.D.K., Rao K.P., Joseph K.T., Santappa M.	Biotechnology and Bioengineering	23	8	1889-1892	1981	https://doi.org/10.1002/bit.260230815

47.	Synthesis of polyamides containing 4,4'-azodibenzamido units	Balasubramanian, M.; Nanjan, M. J.; Santappa, M.	Die Angewandte Makromolekulare Chemie	182	3	853-859	1981	http://dx.doi.org/10.1002/macp.1981.021820316 https://doi.org/10.1002/macp.1981.021820316
48.	Immobilization of trypsin on poly (methyl methacrylate-co-2-acryloylamino-2-methylpropanesulfonic acid)	Nithianandam, Varadalambedu Srinivasan; Srinivasan, Kalathur Sabdham Vangeपुरam; Joseph, Koithara Thomas; Santappa, Mushi	Die Makromolekulare Chemie: Macromolecular Chemistry and Physics	182	8	2193-2200	1981	https://doi.org/10.1002/macp.1981.021820808
49.	Oxygen promoted radical polymerization of acrylonitrile in aqueous nitric acid. A kinetic study	Reddy G.G., Nagabhushanam T., Rao K.V., Santappa M.	European Polymer Journal	17	12	1253-1257	1981	https://doi.org/10.1016/0014-3057(81)90088-4
50.	Ternary complexes of Cu(II) containing some similar type of amino acids	Nair, M. S.; Santappa, M.	Indian Journal of Chemistry - Section A	20A	10	990-993	1981	http://repository.ias.ac.in/88853/1/88853_%28990-993%29.pdf
51.	Kinetic and spectral evidence for a novel chloride ion effect and of complex formation in Chliramine - T Salicylic acidsystem in aqueous sulphuric acid	Vivekannadan, S.; Venkatarao, K.; Santappa, M.; Shanmuganathan, S. P.	Indian Journal of Chemistry - Section A	20A	1	86-87	1981	https://nopr.niscpr.res.in/bitstream/123456789/49965/1/IJCA%2020A%281%29%2086-87.pdf
52.	Graft Copolymers	Santappa M.	Journal of Macromolecular Science: Part A - Chemistry	16	8	1493-1508	1981	https://doi.org/10.1080/00222338108063250
53.	Binary and ternary complexes of copper(II) containing some potentially tridentate ligands	Nair M.S., Santappa M.	Journal of the Chemical Society, Dalton Transactions		4	992-996	1981	http://dx.doi.org/10.1039/DT9810000992 https://pubs.rsc.org/en/Content/ArticleLanding/1981/DT/dt9810000992
54.	Liming and consequent effects on tanning Microscopical and physico-chemical studies	D. K. Das; K. R. V. Thampuram; D. Ghosh; A. Duraikannu; G. Ramamurthy; M. Santappa	Leather Science	28	12	423	1981	
55.	Short-range and long-range interaction parameters of poly (methyl methacrylate-co-methacrylonitrile), poly (ethyl methacrylate-co-methacrylonitrile) and poly (n-butyl methacrylate-co-methacrylonitrile)	G. Venkataramana Reddy; M. Santappa	Leather Science	28	12	430	1981	
56.	Use of lyotropic salts in the rapid tanning of heavy leather	K. R. V. Thampuram; T. Vijayaramayya; D. Ghosh; G. Ramamurthy; A.	Leather Science	28	12	442	1981	

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57.	Thermal and photochemical reactions of chromium (IV) Diperoxo complexes with organic substrates-Evidence for hydroxylation of proline and phenol	C. K. Ranganathan; T. Ramasami; D. Ramaswamy; M. Santappa	Leather Science	28	10	351-354	1981	http://repository.ias.ac.in/88852/1/88852_%28351-354%29.pdf
58.	Potassium permanganate initiated graft copolymerisation of methyl methacrylate onto collagen methacrylate-co-ethyl acrylate)	K. Satish Babu; K. Panduranga Rao; K. T. Joseph; M. Santappa; Y. Nayudamma; Joseph; M. Santappa	Leather Science	28	10	355	1981	
59.	Studies on the blends of n-butyl methacrylate-ethyl acrylate copolymers with chlorinated rubber as top coat	S. Pitchumani; C. R. Reddy; S. Rajadurai; K. T. Joseph; K. Parthasarathy; M. Santappa	Leather Science	28	9	326-330	1981	http://repository.ias.ac.in/88862/1/88862_(326-330).pdf
60.	Investigations on the rate of uptake of vegetable tannins with respect to time and concentration	K. R. V. Thampuran; A. Doraikannu; D. Ghosh; G. Ramamoorthy; M. Santappa	Leather Science	28	9	333-334	1981	
61.	Novotone in multicolour	T. S. Ranganathan; R. Krishnamurthi; K. A. Ramasamy; N. R. Jayaraman; M. Santappa	Leather Science	28	8	301	1981	
62.	Studies on removal of chloride from soak liquor	G. Sekaran; V. Krishnamurthy; W. Madhavakrishnan; M. Santappa	Leather Science	28	7	257-264	1981	
63.	Effect of tanning agents on the grafting of vinyl polymers to collagen	K. Satish Babu; K. Panduranga Rao; T. Ramasamy; K. Thomas Joseph; Y. Nayudamma; M. Santappa	Leather Science	28	7	253-256	1981	
64.	Vegetable tannins as raw materials for the manufacture of syntans	W. W. Madhusudanama; K. N. S. Sastry; K. K. Reddy; V. S. Sundara Rao; Santappa M	Leather Science	28	7	274-275	1981	
65.	Effect of additives on the mechanical properties of polyacrylonitrile fibres	Nandi Joseph; A. K. Murthy; K. T. Joseph; M. Santappa	Leather Science	28	5	177-180	1981	
66.	Studies on water proofing of sole leather	K. R. V. Thampuran; D. K. Das; K. S. Jayaraman; G. Ramamoorthy; A. Doraikannu;	Leather Science	28	5	199-200	1981	

		D. Ghosh; M. Santappa						
67.	Challenges for the Indian leather industry	D. H. Kamat; P. S. Venkatachalam; M. Santappa	Leather Science	28	4	155	1981	
68.	Rugby ball leather	J. K. Khanna; S. P. Ghosh; P. C. Devan; Jajit Singh; R. Selvarangan; M. Santappa	Leather Science	28	3	116-117	1981	
69.	Viscosity molecular weight relation of poly (n-butyl methacrylate co-ethyl acrylate)	Pitchumani, S; Reddy, C Rami; Rajadurai, S; Thomas Joseph, K; Santappa, M	Leather Science	28	2	413	1981	
70.	Influence of process variables on precursor and carbon fibres	Ganga Radhakrishnan; K. Thomas Joseph; M. Santappa	Leather Science	28	2	27-31	1981	
71.	A novel technique of formulating colorants in dyeing and finishing of aniline upper leathers	R. Venkatachalapathy; N. S. K. Srinivasan; R. Selvarangan; M. Santappa	Leather Science	28	2	44	1981	
72.	Partial substitution of wattle in E. I. tanning	D. Ghosh; K. R. V. Thampuran; A. Doraikannu; G. Ramamurthy; M. Santappa	Leather Science	28	2	54-56	1981	
73.	ensuremath\gamma-Radiation-induced solution polymerization of some methyl aryloxymethacrylates	Devarajan, R.; Balakrishnan, T.; Santappa, M.; Vishwanathan, B.	Polymer Journal (Japan)	13	7	615–622	1981	
74.	Polymerization of methyl methacrylate in the presence of molecular oxygen - a kinetic study	Reddy G.G., Nagabhushanam T., Venkata Rao K., Santappa M.	Polymer	22	12	1692-1698	1981	https://doi.org/10.1016/0032-3861(81)90388-8
75.	Grafting of methyl methacrylate onto cellulose nitrate initiated by benzoyl peroxide	Sudhakar D., Srinivasan K.S.V., Joseph K.T., Santappa M.	Polymer	22	4	491-493	1981	https://doi.org/10.1016/0032-3861(81)90167-1
76.	\gamma-radiation-induced solution polymerization of some methyl aryloxymethacrylates	Devarajan R., Balakrishnan T., Santappa M., Viswanathan B.	Polymer Journal	13	7	615-622	1981	https://doi.org/10.1295/poly.mj.13.615
77.	Preparation and characterization of some chromium (III) schiff base complexes	Prasad, D. Rajendra; Ramasami, T.; Ramaswami, D.; Santappa, M.	Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry	11		431	1981	http://www.tandfonline.com/doi/abs/10.1080/0020717919114
78.	Kinetics of gamma radiation induced solution polymerization of methyl 2-(4-nitrophenoxymethyl)acrylate	Balakrishnan, Thayikkannu; Devarajan, Ramaswamy; Santappa, M.; Viswanathan, Balasubramanian	Die Makromolekulare Chemie	1	6	373–378	1980	http://dx.doi.org/10.1002/marc.1980.030010605 https://doi.org/10.1002/marc.1980.030010605

79.	Enhanced stability of ternary complexes of Cu. (II) containing glycine and histamine or L-Histidine	Nair, M. S.; Santappa, M.; Natarajan, P.	Indian Journal of Chemistry - Section A	19A	11	1106-1110	1980	http://repository.ias.ac.in/88849/
80.	pH-Metric investigation of Cu(II) complexes with dipeptides	Nair, M. S.; Santappa, M.; Natarajan, P.	Indian Journal of Chemistry - Section A	19A	7	672-674	1980	https://nopr.niscares.in/bitstream/123456789/50937/1/IJCA%2019A%287%29%20672-674.pdf
81.	Gel Permeation Chromatographic & Viscosity Studies on Poly (methyl methacrylate), Poly (methyl acrylate) & Poly (ethyl acrylate)	Reddy, G Gangi; Nagabhushanam, T; Santappa, M	Indian Journal of Chemistry - Section A	19A	5	468-469	1980	https://nopr.niscares.in/bitstream/123456789/50852/1/IJCA%2019A%285%29%20468-469.pdf
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85.	Kinetics of polymerization of acrylic acid initiated by Mn ³⁺ -isobutyric acid redox system. II	Elayaperumal P., Balakrishnan T., Santappa M., Lenz R.W.	Journal of Polymer Science - Part A-1: Polymer Chemistry	18	8	2471-2479	1980	https://doi.org/10.1002/pol.1980.170180806
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92.	The function of skin acid protease in unhairing	Sivaparvathy, M.; Nandy, S. C.; Santappa, M.	Das leder	30		97	1979	http://repository.ias.ac.in/88840/
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107.	Cellulose acetate lacquer-its development, properties and uses	K. G. Ananda Dev; T. J. Devassy; M. A. Ghani; M. Santappa	Leather Science	26	5	187	1979	
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112.	Kinetics and mechanism of hallogenative oligomerization of mesityl oxide by Chloramin-T. Evidence for a novel pathway in aqueous sulphuric acid	Vivekanandan, S.; Venkatarao, K.; Santappa, M.; Sanmuganathan, S. P.	Indian Journal of Chemistry - Section A	16A	6	519-520	1978	
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117.	Vinyl polymerization: Kinetics of Ce (IV)–acetophenone-initiated polymerization of acrylonitrile in acetic–sulfuric acid mixtures	Rout Anuradha, Rout Swoyam P., Mallick Nigamananda, Singh Baishnab C., Santappa M.	Journal of Polymer Science - Polymer Chemistry Edition	16	2	391-397	1978	https://doi.org/10.1002/pol.1978.170160209
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124.	Grafting of vinyl monomers onto poly (Vinylchloride-co-vinyl acetate)	D. Sudhakar; K. S. V. Srinivasan; K. Thomas Joseph; M. Santappa	Leather Science	25	12	517	1978	
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126.	Influence of different tanning systems on the characteristics of leathers	R. Rajaraman; S. Poorneswari; S. Bangaruswamy; J. B. Rao; M. Santappa	Leather Science	25	9	394	1978	
127.	Physical properties of vegetable tannins	G. Swaminathan; Y. Margaret Therasa; C. Koteswara Rao; M. Santappa	Leather Science	25	8	348	1978	
128.	Studies on casuarina (<i>Casuarina equisetifolia</i>): Part I- Isolation and characterisation of alicyclic acids, polyols and amino acids from	W. Madhusudanama; K. N. S. Sastry; K. K. Reddy; M. Santappa	Leather Science	25	8	369	1978	

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130.	Studies on rate of silica tannage as a function of pH	V. Rama Mohan Rao; R. Selvarangan; M. Santappa	Leather Science	25	6	274	1978	
131.	Influence of various carbon, nitrogen and mineral sources on growth and production of fungal tannase by A. Flavus and A. Oryzae	G. Suseela; S. C. Nandy; M. Santappa	Leather Science	25	5	227	1978	
132.	Fire-mark-A common defect in Indian goat and sheep skins	R. Venkatesan; A. Sugumar; M. Nedunchellian; S. C. Nandy; M. Santappa	Leather Science	25	4	187-202	1978	
133.	Effects of environmental factors on the production of fungal tannase-Part II	P. S. Ganga; Suseela G; S. C. Nandy; M. Santappa	Leather Science	25	4	203	1978	
134.	Blood meal-Its processing and utilisation	S. Divakaran; K. J. Scaria; M. Santappa	Leather Science	25	3	127	1978	
135.	Studies on the degreasing of skins using a microbial lipase	K. Yeshodha; S. C. Dhar; M. Santappa	Leather Science	25	2	77-86	1978	
136.	Matching modeurop fashion colours for leather (Spring-Summer 1977-78)-Part II	R. Venkatachalapa t hy; N. S. K. Srinivasan; M. A. Ghani; K. T. Sarkar; M. Santappa	Leather Science	25	2	87	1978	
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139.	Studies on poly (acrylonitrile-co-vinylpyrrolidone)	Radhakrishnan, Ganga; Srinivasan, KSV; Santappa, M	Current Science	46	10	333-334	1977	https://www.jstor.org/stable/i24211609
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141.	Mechanism of the polymerization of acrylamide initiated by the glycerol/Ce(IV) redox system	Rout, Swoyam P.; Rout, Anuradha; Mallick, N.; Singh, Baishnab C.; Santappa, M.	Die Makromolekulare Chemie	178	7	1971-1977	1977	https://doi.org/10.1002/macp.1977.021780711

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144.	Polymerization of acrylonitrile initiated by Ce ⁴⁺ /thiourea system	Rout A., Rout S.P., Singh B.C., Santappa M.	European Polymer Journal	13	6	497-499	1977	https://doi.org/10.1016/0014-3057(77)90133-1
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146.	Spectrophotometric Studies of 2-Methylol-4-tertiary-butylphenol-Fe (III) Complex	Reddy, B; Rajadurai, S; Santappa, M	Indian Journal of Chemistry - Section A	15A	3	255-256	1977	https://nopr.niscpr.res.in/bitstream/123456789/52924/1/IJCA%2015A%283%29%20255-256.pdf
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149.	Isolation and purification of alhagain - a neutral protease from Jawasee [Alhagi Pseud-Alhagi (M.B.) DESV]	Yeshodha K., Dhar S.C., Santappa M.	Italian Journal of Biochemistry	26	3	169-180	1977	
150.	Equilibrium studies of mixed-ligand complexes of uranyl ion with amino acids and carboxylic acids in aqueous solution	Selvaraj P.V., Santappa M.	Journal of Inorganic and Nuclear Chemistry	39	1	119-122	1977	https://doi.org/10.1016/0022-1902(77)80444-2
151.	Dilute Solution Properties of Poly(methacrylonitrile-co-styrene) and Poly(acrylonitrile-co-styrene)	Venkataramana reddy G., Srinivasan K.S.V., Santappa M.	Journal of Macromolecular Science: Part A - Chemistry	11	11	2123-2141	1977	https://doi.org/10.1080/00222337708061353
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153.	Polymides-a review	Reddy, B Sivarami; Rajadurai, S; Santappa, M	Journal of Scientific & Industrial Research	35		668-675	1977	http://repository.ias.ac.in/88703/
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158.	Survey of incidence of various surface defects in goat and sheep skins in Madras	R. Venkatesan; S. C. Nandy; M. Sugumar; M. Santappa	Leather Science	24	8	255-265	1977	
159.	Epidermoid cyst in sheep skins	R. Venkatesan; S. C. Nandy; M. Santappa	Leather Science	24	8	276	1977	
160.	Caprine foetal infection by demodex maugemites	R. Venkatesan; M. Sugumar; S. Nedunchellian; S. C. Nandy; M. Santappa	Leather Science	24	8	279	1977	
161.	Studies on sal (Shorea robusta) seeds - Part II. Isolation and identification of polyphenolic constituents present in sal seeds	K. K. Reddy; T. Vijayaramayya; V. S. Sundara Rao; K. N. S. Sastry; M. Santappa	Leather Science	24	7	243	1977	
162.	Mammalian intestines- A versatile material	Mahendra Kumar; K. J. Scaria; S. K. Barat; M. Santappa	Leather Science	24	6	191-198	1977	
163.	Studies on silica tannage	V. Rama Mohan Rao; R. Selvarangan; M. Santappa	Leather Science	24	6	210	1977	
164.	A comparative study on the physical and chemical characteristics of northern and southern Indian buffalo hides	G. Gangi Reddy; M. P. Samy; S. Bangaruswamy; J. B. Rao; M. Santappa	Leather Science	24	3	91-94	1977	
165.	Note on the tannins of velikathan (Prosopis juliflora, D. C)	Y. Margaret Theresa; Mahadeswara Swamy; M. Santappa; Y. Nayudamma	Leather Science	24	3	115-118	1977	
166.	Sulphited oils fatliquors from vegetable oils	K. Vijayalakshmi; D. Raghunatha Rao; V. V. Muralidhara Rao; M. A. Ghani; M. Santappa	Leather Science	24	3	117	1977	
167.	Effect of environmental factors on production of the fungal tannase: Part I.	Ganga, PS; Nandy, SC; Santappa, M	Leather Science	24	1	1-8	1977	
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172.	Kinetics of self decomposition of peroxydi-phosphate in aqueous acetic acid medium	Maruthamuthu, P.; Santappa, M.	Indian Journal of Chemistry - Section A	14A	1	35-38	1976	http://repository.ias.ac.in/88693/
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179.	Modification of gelatin with poly (ethyl acrylate)	Nagabhushanam, T; Santappa, M	Journal of Polymer Science: Polymer Chemistry Edition	14	2	507-510	1976	http://dx.doi.org/10.1002/pol.1976.170140221
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183.	Studies on grafting of acrylonitrile onto casein	S. Kulasekaran; Y. Lakshminarayana; S. Rajadurai; K. T. Joseph; M. Santappa	Leather Science	23	11	385-391	1976	
184.	Studies on sal (Shorea robusta) seeds	K. K. Reddy; T. Vijayaramayya; V. S. Sundara Rao; K. N. S. Sastry; M. Santappa	Leather Science	23	11	403	1976	
185.	Hydrolytic action of some anaerobic strains of the genus Clostridium on raw skin	R. Sambasiva Rao; S. C. Nandy; M. Santappa	Leather Science	23	8	263	1976	
186.	Screen and block printed leathers with improved brightness and fastness properties	D. H. Kamat; T. S. Ranganathan; K. S. Jayaraman; M. Santappa	Leather Science	23	5	175	1976	
187.	Hydrolytic action of facultatively anaerobic microorganisms on raw skins	R. Sambasiva Rao; S. C. Nandy; M. Santappa	Leather Science	23	2	45-59	1976	
188.	Studies on the graft copolymerisation of methyl methacrylate and acrylonitrile onto casein	S. Valliappan; S. Kulasekaran; S. Rajadurai; K. T. Joseph; M. Santappa	Leather Science	23	2	57	1976	
189.	Polymeric binders for plate finish and glaze finish	K. Venkatachalapati; T. Nagabhushanam; K. Parthasarathy; M. Santappa	Leather Science	23	2	70	1976	
190.	Preparation and constitution of a sytan based on para tertiary butyl phenolic novolac	B. Siva Rami Reddy; S. Rajadurai; M. Santappa	Leather Science	23	1	12-16	1976	
191.	Factors affecting the extraction of Jawasee	Yesodha, K; Dhar, SC; Santappa, M	Leather Science	23		423-432	1976	
192.	Studies on the preparation and use in acrylic graft copolymers as glaze for leather	Vallippan, S; Rajadurai, S; Santappa, M	Leather Science	22		1-9	1976	
193.	Defects in hides and skins that affect assessment	Nandy, S. C.; Santappa, M.	ISI Bulletin	28	5	211-213	1976	http://repository.iias.ac.in/88687/1/5.pdf
194.	Grafting on to poly(vinyl alcohol): a new spectral method to estimate the extent of grafting	Vasudevan T., Kothandaraman H., Santappa M.	Polymer	17	12	1108-1110	1976	https://doi.org/10.1016/0032-3861(76)90017-3
195.	Purification and properties of a neutral proteinase isolated from goat skin	Sivaparvathi M., Nandy S.C., Dhar S.C., Santappa M.	Indian Journal of Biochemistry and Biophysics	12	4	321-325	1975	http://repository.iias.ac.in/88674/1/25-321-325..abs.pdf
196.	Equilibrium studies of mixed-ligand complexes of uranyl ion with mono- and	Balakrishnan M.S., Santappa M.	Journal of Inorganic and Nuclear Chemistry	37	5	1229-1234	1975	https://doi.org/10.1016/0032-3861(76)90017-3

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198.	Finishing of leathers using easy-care finish	R. Vedarajan; C. Saikumar; S. Rajadurai; M. Santappa	Leather Science	22	12	382	1975	
199.	'Marble' leather from full chrome grain or suede leathers	A. C. Basappa; D. H. Kamat; K. T. Sarkar; M. Santappa	Leather Science	22	12	383	1975	
200.	Manufacture of nappa garment leathers from E. I. Sheep skins	C. Chandrasekaran; R. Venkatachalapathy; R. Selvarangan; M. Santappa	Leather Science	22	11	349	1975	
201.	Water soluble graft copolymers	K. Panduranga Rao; K. Thomas Joseph; M. Santappa; Y. Nayudamma	Leather Science	22	11	351	1975	
202.	Chitosan, a new auxiliary in leather manufacture	K. Satish Babu; K. Panduranga Rao; K. T. Joseph; K. S. Jayaraman; M. Santappa; Y. Nayudamma	Leather Science	22	8	224	1975	
203.	Oleophobic and hydrophobic properties of fluoro compounds and their application in leather making	T. Nagabhushanam; K. J. Kedlaya; D. Ramaswamy; M. Santappa	Leather Science	22	8	229-234	1975	
204.	Treatment of leathers with silyl carboxylic acids	J. Ranga Rao; T. Nagabhushanam; M. Santappa	Leather Science	22	8	244	1975	
205.	Silico acrylic finish	T. Nagabhushanam; M. Santappa	Leather Science	22	6	181	1975	
206.	Synthesis of p-tertiarybutyl phenolic novolac	B. Siva Rami Reddy; S. Rajadurai; M. Santappa	Leather Science	22	6	180	1975	
207.	Recent development in the field of auxiliaries for leather finishing in India and abroad	R. Vedarajan; R. Selvarangan; V. V. Subramaniam; M. Santappa	Leather Science	22	5	129	1975	
208.	Phosphorylated gelatin-acrylate graft copolymers as flame proofing and filling agents for leather	K. Panduranga Rao; K. Thomas Joseph; M. Santappa; Y. Nayudamma	Leather Science	22	5	140	1975	
209.	Practice of 'Blending' for the manufacture of vegetable tanned leather	K. R. V. Thampuran; D. Ghosh; M. Santappa	Leather Science	22	3	55-60	1975	
210.	A new source of oil fat for fatliquoring of leathers	K. Vijayalakshmi; V. Hari Babu; V. V. Muralidhara Rao; R.	Leather Science	22	3	70	1975	

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211.	Synthetic adhesive based on copolymer system	T. Nagabhushana m; M. Santappa	Leather Science	22	2	50	1975	
212.	Studies on the preparation and use of caseinacrylic graft copolymers as glaze finishes for leather	S. Velliappan; S. Rajadurai; M. Santappa	Leather Science	22	1	1	1975	
213.	Acrylic syntan as leather impregnant	T. Nagabhushana m; K. J. Kedlaya; E. C. Mathew; B. Duraiswamy; M. Santappa	Leather Science	22	1	15	1975	
214.	Through and through dyeing of wet chrome leathers	Kedlaya, KJ; Joseph, KT; Nagabushanam , T; Venkatechalem, PS; Santappa, M	Leather Science	22		61-64	1975	
215.	Synthesis of P. tertiary butyl-enolic novolae	Reddy, B; Rajadurai, S; Santappa, M	Leather Science	22		180-181	1975	
216.	Kinetics of oxidation ketones by γ -diphosphate	Maruthamuthu, P.; Santappa, M.	Indian Journal of Chemistry - Section A	12		142	1974	http://repository.ias.ac.in/88664/
217.	Quenching of fluorescence of neneby- halide ions in water and ethanol	Nagabushanam , T.; Joseph, K. T.; Santappa, M.	Indian Journal of Chemistry - Section A	12		1205	1974	http://repository.ias.ac.in/88668/1/88668_%281205-1206%29.pdf
218.	Ternary complexes: Equilibrium studies of mixed-ligand complexes of uranyl ion with dicarboxylic acids in aqueous solution	Balakrishnan M.S., Santappa M.	Journal of Inorganic and Nuclear Chemistry	36	12	3813-3818	1974	https://doi.org/10.1016/0022-1902(74)80170-3
219.	Kinetics of the base hydrolysis and aquation of some trans-halogenoaminebis(dimethylglyoximate)-cobalt(III) complexes	Vijayaraghavan V.R., Santappa M.	Journal of Inorganic and Nuclear Chemistry	36	1	163-168	1974	https://doi.org/10.1016/0022-1902(74)80675-5
220.	Light-induced graft copolymerization of vinyl monomers to collagen by use of benzophenone as sensitizer	Nagabhushana m, T; Joseph, KT; Santappa, M	Journal of Polymer Science: Polymer Chemistry Edition	12	12	2953-2956	1974	https://doi.org/10.1002/pol.1974.170121221
221.	Polymers and their role in leather	Pandurangarao, K; Joseph, KT; Nayudamma, Y; Santappa, M	Journal of Scientific & Industrial Research	33		243-257	1974	http://repository.ias.ac.in/88660/1/88660_%281-15%29.pdf
222.	Thermoset leather finish	Nagabushanam , T; Kedlaya, KJ; Parthasarathy, K; Santappa, M	Leather Science	21	12	403	1974	http://repository.ias.ac.in/88652/1/88652_%28403%29.pdf
223.	Photo-induced graft polymerization of methyl methacrylate onto collagen in the absence of photosensitizers using sunlight as a light source	Satishbabu, K; Pandurangarao, K; Joseph, KT; Santappa, M; Nayudamma, Y	Leather Science	21	11	353-360	1974	
224.	Protein-acrylate graft copolymers for leather finishing	Satishbabu, K; Pandurangarao, K; Joseph, KT; Santappa, M; Parthasarathy,	Leather Science	21	11	371-373	1974	

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226.	Dye uptake of collagen grafted with poly (methyl methacrylate)	T. Nagabhushana m; K. T. Joseph; M. Santappa	Leather Science	21	9	305-308	1974	
227.	Chrome fatty acid complexes-Shower proofing agents	E. C. Mathew; K. J. Kedlaya; M. Santappa; K. S. Jayaraman	Leather Science	21	9	316	1974	
228.	Leather lubricants-Part VI: Studies on oil tanning	K. J. Kedlaya; E. C. Mathew; M. Santappa	Leather Science	21	8	255-260	1974	
229.	Leather lubricants: Part V. liquouring properties of certain non-edible oils	Kedlaya, KJ; Mathew, EC; Santappa, M	Leather Science	21	7	231-234	1974	
230.	Alginate for the production of softer type of leathers	K. J. Kedlaya; K. T. Joseph; S. N. Gupta; M. Santappa	Leather Science	21	6	201-202	1974	
231.	Graft copolymerization of vinyl monomers onto collagen. Part III. Characterization of graft copolymers and the mechanism of graft copolymerization	Nagabushanam , T; Joseph, KT; Santappa, M	Leather Science	21	6	192-196	1974	
232.	Easy care finishes based on polyurethane for leather - Part I.	Rajadural, S; Salkuma, C; Vedarajan, R; Kedlaya, KJ; Santappa, M	Leather Science	21	5	171-172	1974	
233.	Achieving intense shade in semichrome suedes	K. J. Kedlaya; K. S. Jayaraman; M. Santappa	Leather Science	21	4	147	1974	
234.	Properties of skins and leathers grafted with vinyl monomers and their mixtures	K. Panduranga Rao; D. H. Kamat; K. Thomas Joseph; M. Santappa; Y. Nayudamma	Leather Science	21	4	111	1974	
235.	Phosphorus compounds in leather industry	Kedlaya, KJ; Santappa, M	Leather Science	21	3	75-80	1974	
236.	Comparison of graft copolymers and physical blends	K. Panduranga Rao; K. Thomas Joseph; M. Santappa	Leather Science	21	3	92	1974	
237.	White fatliquor based on coconut oil	K. J. Kedlaya; E. C. Mathew; M. Santappa	Leather Science	21	2	51	1974	
238.	Dyeing of wet heat resistant leather chrome mordant dyes	Kedlaya, KJ; Santappa, M; Ranganathan, TS	Leather Science	21	1	21	1974	
239.	Rubber seed oil as a potential tanning agent	Mathew, EC; Kendalaya, KJ; Santappa, M	Leather Science	21	1	22	1974	
240.	Manganese initiated graft pymerization of vinyl monomers onto collagen	Satishbabu, K; Padurangarao, K; Joseph, KT; Santappa, M; Nayudamma, Y	Leather Science	21		261-271	1974	

241.	Shark fish oil stearin-based fatliquor	Kedlaya, KJ; Mathew, EC; Rao, V Ranga; Santappa, M	Leather Science	21		237	1974	
242.	Fatliquor from deresinified pungam	Mathew, EC; Kedlaya, KJ; Rao, JB; Santappa, M	Leather Science	21		404	1974	
243.	Kinetics of oxidative hydrolysis of some oximes by metal ions	Meenakshi, A.; Muruthamathu, P.; Seshadri, K. V.; Santappa, M.	Indian Journal of Chemistry - Section A	11		608	1973	http://repository.ias.ac.in/88649/
244.	Oxidation studies involving T1 (III)	Meenakshi, A.; Santappa, M.	Indian Journal of Chemistry - Section A	11		393	1973	http://repository.ias.ac.in/88651/
245.	Complexes of uranyl ion with amino and mercapto acids	Raghavan A., Santappa M.	Journal of Inorganic and Nuclear Chemistry	35	9	3363-3365	1973	https://doi.org/10.1016/0022-1902(73)80044-2
246.	Deprotonation constants of some trans-bis(dimethylglyoximate)cobalt(III) complexes	Vijayaraghavan V.R., Santappa M.	Journal of Inorganic and Nuclear Chemistry	35	8	3035-3038	1973	https://doi.org/10.1016/0022-1902(73)80539-1
247.	Dilute solution properties and molecular characterization of poly(butyl methacrylate-co-styrene)	Srinivasan K.S.V., Santappa M.	Journal of Polymer Science: Polymer Physics Edition	11	2	331-343	1973	https://doi.org/10.1002/pol.1973.180110213
248.	Light induced graft copolymerization of vinyl monomers onto collagen: Part II: Sunlight induced graft copolymerization of methyl methacrylate using dyes as sensitizers	T. Nagabushana m; K. T. Joseph; M. Santappa	Leather Science	20	12	403	1973	
249.	A built-in lubricant for leather	K. J. Kedlaya; S. Rajadurai; M. Santappa	Leather Science	20	10	355	1973	
250.	Graft copolymerization of vinyl monomers onto collagen-Part I; Phloxine sensitized graft copolymerization in the presence of visible light	Nagabushanam T; Pandurangarao, K; Joseph, KT; Santappa, M	Leather Science	20	9	303-306	1973	
251.	Poly(ethyl acrylate) in dilute solution	Srinivasan, K. S. V.; Santappa, M.	Polymer	14	1	5-8	1973	https://doi.org/10.1016/0032-3861(73)90071-2
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