

Dr. YSR GDC, VEDURUKUPPAM
Publications in Journals & Book chapters of
Dr. V. Prabhakar Rao

S.No	Title of the paper	Name of the author/s	Name of the Journal	Year of publication	ISBN/IS SN number	Indexing
1	Simultaneous Determination of Dopamine in Presence of Ascorbic Acid with Fe-Ag CTAB Nanoparticles Carbon Paste Electrode	Dr V. Prabhakar Rao, Prof. G. Madhavi* etal	Chemical Science Transactions	August, 2014 2014, 3(4): 1404- 1415	2278-6783	Peer reviewed
2	Resolution of Dopamine in the Presence of Ascorbic Acid and Uric Acid by the Poly Oxalic Acid Modified Carbon Paste Electrode	Dr V. Prabhakar Rao, Prof. G. Madhavi* etal	Chemical Science Transactions	January, 2015 2015, 4(2): 541- 551	2278-6783	Peer reviewed
3	Determination of dopamine in presence of ascorbic acid and uric acid using poly (Spands Reagent) modified carbon paste electrode	Dr V. Prabhakar Rao, Prof. G. Madhavi* etal	Material Science and Engineering c	August, 2015 2015, 57: 378- 386	0928-4931	Scopus, UGC care
4	Polybenzoic Acid Modified Carbon Paste Electrode as an Electrochemical Sensor for the Determination of Uric Acid in the Presence of Ascorbic Acid and	Dr V. Prabhakar Rao, Prof. G. Madhavi* etal	Chemical Science Transactions	March, 2016 2016, 5(3): 567- 578	2278-6783	Peer reviewed

	Dopamine - A Voltammetric Study					
5	Zirconia/Poly (oxalic acid) modified carbon paste electrode for electrochemical investigation of Uric acid in presence of Dopamine and ascorbic acid	Dr V. Prabhakar Rao, Prof. G. Madhavi* et al	Asian Journal of Chemistry	April, 2016 2016, 28(8): 1828- 1834	0970-7077	Scopus, UGC care
6	Electrochemical Behavior of Poly (rutin) Modified Carbon Paste Electrode for the Determination of Uric Acid in the Presence of Ascorbic Acid and Dopamine	Dr V. Prabhakar Rao, Prof. G. Madhavi* et al	Chemical Science Review and Letters	June,2016 2016, 5(18): 136- 143	2278-6783	Peer reviewed
7	Cyclic Voltametric Determination of Dopamine, Uric acid and Ascorbic acid by using Emodin Modified Carbon Paste Electrode	Dr V. Prabhakar Rao, Prof. G. Madhavi* et al	Chemical Science Review and Letters	June,2016 2016, 5(18): 144- 150	2278-6783	Peer reviewed
8	Differential Pulse Voltammetric Determination of Cinitapride using carbon paste electrode	Dr V. Prabhakar Rao, Dr G. Chandrasekhar, Dr K. Aruna, Dr. Srividya* et al	International Journal of Engineering Sciences & Research Technology	August, 2017 2017, 6(8): 220- 225	2277-9655	Peer reviewed

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9	Simultaneous Determination of Dopamine, Ascorbic Acid and Uric Acid at Poly (cinnamic acid) Modified Carbon Paste Electrode: a Voltammetric Investigation	Dr V. Prabhakar Rao, Prof. G. Madhavi* etal	Analytical & Bioanalytical Electrochemistry	November, 2017 2017, 9(7): 874-887	2008-4226	Scopus, Web of Science, UGC care
10	Validated spectrophotometric method for the determination of doxazocin in pure and in its dosage form	Dr V. Prabhakar Rao, Dr G. Chandrasekhar	Asian Journal of Research in Chemistry and Pharmaceutical Sciences	March, 2019 2019, 17(1): 305- 314	2349 – 7106	Peer reviewed
11	Synthesis and Antimicrobial Activity of Novel Urea/Thiourea Derivatives	Dr V. Prabhakar Rao, Dr G. Chandrasekhar	Journal of Applicable Chemistry	February, 2019 2019, 8 (2): 546-554	2278-1862	Peer reviewed

12	Electrochemical determination of paracetamol at poly(orange dye) modified carbon paste electrode by using cyclic voltammetry	Dr V. Prabhakar Rao, Prof. G. Madhavi* etal	Journal of Chemical Technology and Metallurgy.	April, 2019 2019, 54(4): 758-764	1314-3859	Scopus, UGC care
13	A REVIEW ON IONIC LIQUIDS-THEIR CLASSIFICATION, CHARACTERISTICS AND APPLICATIONS	Dr V. Prabhakar Rao, Dr G. Chandrasekhar	GIS SCIENCE JOURNAL	May, 2021, 8(5): 1043-1051	1869- 9391	Peer reviewed
14	Applications of nanomaterials in food industry: A review	Dr V. Prabhakar Rao, Saivenkatesh Korlam, T. Gunasekhar	Nanoscale reports	December, 2021 4(2): 1- 3	2581- 5660	Peer reviewed
15	A brief review on applications of nanomaterials in medicine	Dr V. Prabhakar Rao, T. Gunasekhar	Asian Journal of chemistry and pharmaceutical sciences	Jan- Mar, 2022, 10(1):10- 15	2349- 7106	Peer reviewed
16	Carbon based sustainable nanomaterials for wastewater treatment: A review	Dr. V. Prabhakar Rao, T. Gunasekhar, B. Annapurna Sarada	Journal of research in chemistry	Jul-Dec, 2024, Vol.5(2), PartA, 08-14	P-ISSN: 2709-9415 P-ISSN: 2709-9423	Peer reviewed

17	Micro plastics: Impact on human health,the environment and possible solutions for mitigation.	Dr. V Prabhakar Rao, Dr.L. Md. Bhakshu.	Journal of Emerging Technologies and Innovative Research, JETIR.	Volume 11, Issue 12, December 2024.	ISSN: 2349.-5162.	Peer reviewed
18	A comprehensive study of some synthetic food colorants: Insights into their chemistry and health implications.	Dr. V Prabhakar Rao, Dr.L. Md. Bhakshu, Dr. M. Shankar Rao	Juni Khyat	Volume 14, Issue 12, No.2, December 2024.	ISSN.2278-4632	UGC Care
19	Electrochemical resolution of ascorbic acid from dopamine and uricacid with Montmorillonite K10 clay/ polyglycine electrode.	Dr. V. Prabhakar Rao	Research journal of chemistry and environment	Volume: 29, Issue: 2, February, 2025	0972- 0626	Scopus, UGC care