Curriculum Vitae

Name	Givi
Surname	Sanadze
Date and place of birth	30 Julu, 1929, Tbilisi
Address: **Work**	
Education:	**Higher**
1947-1952	Faculty of Biology, Ivane Javakhishvili Tbilisi State University, majoring in biochemistry and physiology of plants
Scientific degree and title:	
1959	Candidate of Biological Sciences
1968	Doctor of Biological Sciences
1968	Professor
1979	Corresponding Member of the Georgian Academy of Sciences
1983	Academician of the Georgian Academy of Sciences
Positions held:	
1953	Seasonal worker at the Institute of Botany, Georgian Academy of Sciences
1953-1961	Junior Research Worker of the Institute of Botany
1961-1968	Senior Research Worker of the Institute of Botany
1968-1982	Professor of the Chair of Plant Physiology, Tbilisi State University, Head of the same Chair
1973-2006	Head of the Basic Research Laboratory of Photosynthesis, Tbilisi State University
1988-2003	Vice-President of the Georgian Academy of Sciences
2003	to the present day – Consultant of the Presidium (subsequently: Academic Council) of the Georgian Academy of Sciences
Sphere of scientific interests:	Biochemical mechanisms of photosynthesis and the emission of volatile organic substances by plant leaves in the process of photosynthesis. Special interest lies in the discovery of the isoprene effect, v.e. photobiological synthesis and emission from plant leaves, which – apart from theoretical – is of extremely great practical significance
Number of published works	Over 100
List of principal scientific works:	1. Sanadze G.A. Emission of Gaseous Organic Substances from Plants//Rep. Akad.Nauk GruzSSR, vol. 17, 1956 (in Russian) 2. Sanadze G.A. Nature of Gaseous Substances from the Robinia pseudoacacia Leaves// Rep. Akad.Nauk SruzSSR, vol. 19, 1957 (in Russian) 3. Sanadze G.A. Light-Dependent Emission of Molecular Isoprene//Progr. Photosynth. Res., vol. 2, 1969 4. G.A.Sanadze. Biogenic Isoprene. Plant Physiology, 53, N 6, 1-15 (2004)

	5. Mgaloblishvili M.P., Khetsuriani N.D., Kalandadze A.N. and Sanadze G.A. Localization of Isoprene Biosynthesis in the Chloroplasts of Poplar Leaves//Fiziol.Rast., vol. 25, 1978 (in Russian) 6. G.Sanadze, S.Pkhachiashvili. Photobiosynthesis of Isoprene and Excretory Function of Plant Leaves in the Light of Modern Thermodynamics. Bull. of the Georg. Nat. Acad. of Sciences. v. 3, 1 (2009) 7. Sanadze G.A. Isoprene Effect – Light-Dependent Emission of Isoprene by Green Parts of Plants//Trace Gas Emission by Plants, San Diego, Academic, 1991 8. Khananashvili O.V. and Sanadze G.A. Localization of Acetyl-CoA Synthetase in the Chloroplasts of Poplar Leaves//Fiziol. Rast/. vol. 27, 1980 (in Russian) 9. Sanadze G.A. and Tarkhnishvili G.M. Effects of Molecular Oxygen in the Isoprene Biosynthesis in Leaves under Saturating Light Intensity//Dokl. Akad.NaukSSSR, vol. 286, 1986 (in Russian) 10. Datukishvili N.T., Tarkhnishvili G.M., Mikeladze D.G., Beridze T.G. and Sanadze G.A. Isolation and Purification of Protein Responsible for the Conversion of Dimethylallyl Pyrophosphate from Poplar Leaves into Isoprene//Fiziol.Rast., vol. 48, 2001 (in Russian)
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