

### **Calculation of microwave radiometric signal in multilayered biological tissue**

**Hinrikus, Hiie; Krasavin, Jevgeni;** Beilenhoff, Klaus; Hartnagel, Hans 1995 IEEE Engineering in Medicine and Biology 17th Annual Conference and 21st Canadian Medical and Biological Engineering Conference. Volume Two. Montreal, Canada, September 20-23, 1995 1997 / 1583-1584

### **Interpretation of radiometric signal for tumor detection**

**Riipulk, Jevgeni; Hinrikus, Hiie** Proceedings of the 19th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Oct. 30 - Nov. 2, 1997, Chicago, IL USA 1997 / p. 2509-2511: ill

### **Method for obtaining linear spectral responsivity of InGaAs-photodetector in the NIR wavelength range**

**Pokatilov, Andrei; Parker, Martin; Kübarsepp, Toomas;** Vabson, Viktor; Vendt, Riho; Ansko, Ilmar; Manoocheri, Farshid BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 31-34 : ill [http://www.ester.ee/record=b2150914\\*est](http://www.ester.ee/record=b2150914*est)

### **Microwave radiometry for cancer detection**

**Hinrikus, Hiie; Krasavin, Jevgeni; Põdra, Harri** Model based biomeasurements : proceedings of the 7th International IMEKO TC-13 Conference on Measurement in Clinical Medicine, Stara Lesna, Slovakia, September 6-9, 1995 1995 / p. 221-225: ill

### **Microwave radiometry for medical applications**

**Riipulk, Jevgeni; Hinrikus, Hiie** Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 99-102: ill

### **Microwave radiometry for medical applications**

**Riipulk, Jevgeni** 2000 [http://www.ester.ee/record=b1416062\\*est](http://www.ester.ee/record=b1416062*est)

### **Simulation of breast tissues temperature measurement using Dicke radiometer by FDTD method**

**Riipulk, Jevgeni; Hinrikus, Hiie;** Beilenhoff, Klaus; Hartnagel, Hans Medical & biological engineering & computing : journal of the International Federation for Medical & Biological Engineering. Part 2, Proceedings of the 1st International Conference on Bioelectromagnetism 1996 / p. 135-136: ill [https://www.ester.ee/record=b1292531\\*est](https://www.ester.ee/record=b1292531*est)

### **Waves, oscillations and optics in biomedical engineering : research in the Department of Biomedical Engineering 1994-2014**

**Hinrikus, Hiie** Proceedings of the Estonian Academy of Sciences 2014 / p. 200-210 : phot [https://artiklid.elnet.ee/record=b2680530\\*est](https://artiklid.elnet.ee/record=b2680530*est)