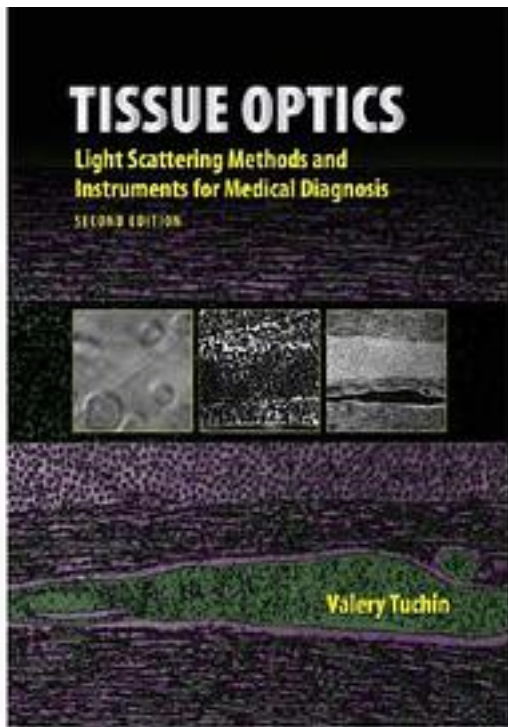


Tissue Optics



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作者介绍:

Valery V. Tuchin was born February 4, 1944.

He received his degrees MS in Radiophysics and

Electronics (1966), Candidate of Sciences in Optics (PhD, 1973), and Doctor of Science in Quantum Radiophysics (1982) from Saratov State University, Saratov, Russia. He is a Professor and holds the Optics and Biomedical Physics Chair, and he is a director of Research-Educational Institute of Optics and Biophotonics at Saratov State University. Prof. Tuchin also heads the Laboratory of Laser Diagnostics of Technical and Living Systems of Precision Mechanics and Control Institute, Russian Academy of Sciences. He was dean of the Faculty of Physics of Saratov University from 1982 to 1989.

His research interests include biomedical optics, biophotonics and laser medicine, nonlinear dynamics of laser and biophysical systems, physics of optical and laser measurements. He has authored more than 300 peer-reviewed papers and books, including his latest, Handbook of Optical

Biomedical Diagnostics (SPIE Press, Vol. PM107, 2002; Translation to Russian, Fizmatlit, Moscow, 2007), Coherent-Domain Optical Methods for Biomedical Diagnostics, Environmental and Material Science (Kluwer Academic Publishers, Boston, USA, vol. 1 & 2, 2004), Optical Clearing of Tissues and Blood (SPIE Press, Vol. PM 154, 2005), and Optical Polarization in Biomedical Applications, Springer, 2006 (Lihong Wang, and Dmitry Zimnyakov – co-authors). He is a holder of more than 25 patents. Prof. Tuchin currently teaches courses on optics, tissue optics, laser and fiber optics in biomedicine, optical measurements in biomedicine, laser dynamics, biophysics and medical physics for undergraduate and postgraduate students. Since 1992, Prof. Tuchin has been the instructor of SPIE and OSA short courses on biomedical optics for an international

audience of engineers, students and medical doctors; and he is an editorial board member of J. of Biomedical Optics (SPIE), Lasers in the Life Sciences , J. of X-Ray Science and Technology, J. of Biophotonics, J. on Biomedical Photonics (China), and the Russian journals Izvestiya VUZ, Applied Nonlinear Dynamics, Quantum Electronics and Laser Medicine. He is a member of the Russian Academy of Natural Sciences and the International Academy of Informatization, a member of the board of SPIE/RUS and a fellow of SPIE. He has been awarded the title and scholarship “Soros Professor” (1997–1999), and the Russian Federation Scholarship for the outstanding scientists (1994–2003); and Honored Science Worker of the Russian Federation (since 2000). Since 2005 Prof. Tuchin is a vice-president of Russian Photobiology Society. In 2007 he has been awarded by SPIE Educator Award.

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标签

评论

应该加个“读了一半”选项。只看了光学参数部分，相干、时间分辨、偏振、OCT等都没看，估计近期也用不上。吐个槽：好多研究就是做实验找经验公式是吧？

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