

**Mathematical and physical modelling of the dynamic electrical impedance both of a healthy neuron and one affected by Parkinson's disease**

**Giannoukos, Georgios** Advances in applied information science : proceedings of the 12th WSEAS International Conference on Applied Informatics and Communications (AIC '12) : proceedings of the 5th WSEAS International Conference on Biomedical Electronics and Biomedical Informatics (BEBI'12) : Istanbul, Turkey, August 21-23, 2012 / p. 79-84 : ill  
[https://www.researchgate.net/publication/264128963\\_Mathematical\\_and\\_Physical\\_Modelling\\_of\\_the\\_Dynamic\\_Electrical\\_Impedance\\_of\\_a\\_Neuron](https://www.researchgate.net/publication/264128963_Mathematical_and_Physical_Modelling_of_the_Dynamic_Electrical_Impedance_of_a_Neuron)

**Mathematical and physical modelling of the dynamic electrical impedance of a neuron**

**Giannoukos, Georgios; Min, Mart** International journal of circuits, systems and signal processing 2012 / p. 359-366 : ill  
[https://www.researchgate.net/publication/264128963\\_Mathematical\\_and\\_Physical\\_Modelling\\_of\\_the\\_Dynamic\\_Electrical\\_Impedance\\_of\\_a\\_Neuron](https://www.researchgate.net/publication/264128963_Mathematical_and_Physical_Modelling_of_the_Dynamic_Electrical_Impedance_of_a_Neuron)

**Mathematical and physical modelling of the dynamic fluidic impedance of arteries using electrical impedance equivalents**

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