

**Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model**

**Giannoukos, Georgios; Min, Mart** Journal of computational methods in sciences and engineering 2015 / p. 295-302  
<http://dx.doi.org/10.3233/JCM-150544>

**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 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 modelling of the dynamic electrical impedance of a parallel RC circuit using a Wien bridge oscillator**

**Giannoukos, Georgios; Min, Mart** Journal of computational methods in sciences and engineering 2015 / p. 287-293  
<http://dx.doi.org/10.3233/JCM-150543>