

# Renan O Shimoura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5544756/publications.pdf>

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2258059

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Modelos de redes de neurônios para o neocórtex e fenômenos emergentes observados. Revista Brasileira De Ensino De Física, 2021, 43, .	0.2	0
2	Building a model of the brain: from detailed connectivity maps to network organization. European Physical Journal: Special Topics, 2021, 230, 2887-2909.	2.6	4
3	Optimal Interplay between Synaptic Strengths and Network Structure Enhances Activity Fluctuations and Information Propagation in Hierarchical Modular Networks. Brain Sciences, 2020, 10, 228.	2.3	4
4	Asymmetrical voltage response in resonant neurons shaped by nonlinearities. Chaos, 2019, 29, 103135.	2.5	7
5	Aplicações da teoria da informação à neurociência. Revista Brasileira De Ensino De Física, 2019, 41, .	0.2	0
6	A cortical multi-layered model and the properties of its internally-generated activity. BMC Neuroscience, 2015, 16, .	1.9	0
7	Effect of synaptic plasticity on functional connectivity and global activity of a neocortical network model. BMC Neuroscience, 2015, 16, .	1.9	2
8	Modeling and characterizing stochastic neurons based on in vitro voltage-dependent spike probability functions. European Physical Journal: Special Topics, 0, , 1.	2.6	1
9	Granger causality in the frequency domain: derivation and applications. Revista Brasileira De Ensino De Física, 0, 42, .	0.2	3