

Internal variables used for describing the signal propagation in axons

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Continuum mechanics and thermodynamics 2020 / p. 1619-1627

<https://doi.org/10.1007/s00161-020-00868-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical waves in myelinated axons

Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri Biomechanics and modeling in mechanobiology 2022 / p. 1285-1297

<https://doi.org/10.1007/s10237-022-01591-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling of complex signals in nerve fibers

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Medical hypotheses 2018 / p. 90-95 : ill <https://doi.org/10.1016/j.mehy.2018.08.021>

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On mechanisms of electromechanophysiological interactions between the components of signals in axons

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2020 / p. 81–96 : ill

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On the physical background of nerve pulse propagation : heat and energy

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Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel PhilSci-Archive 2020 / 13 p <http://philsci-archive.pitt.edu/id/eprint/18135> http://philsci-archive.pitt.edu/18135/1/Signals_in_nerves_from_the_philosophical_viewpoint.pdf

Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2022 / p. 369-375 : ill

<https://doi.org/10.3176/proc.2022.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)