

# SÅ,awomir Grzegorzyn

## List of Publications by Year in descending order

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27  
papers

110  
citations

1478280

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h-index

1372474

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g-index

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all docs

27  
docs citations

27  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of thin layer film evolution near bacterial cellulose membrane by Ag AgCl electrodes in chamber with lower concentration. PLoS ONE, 2022, 17, e0263059.	1.1	0
2	Analgesic and Functional Efficiency of High-Voltage Electrical Stimulation in Patients with Lateral Epicondylitis—A Report with a 180-Day Follow-Up. Journal of Clinical Medicine, 2022, 11, 2571.	1.0	0
3	A Comparative Study of Pigmented and Non-pigmented Basal Cell Carcinoma in Reflectance Confocal Microscopy. In Vivo, 2021, 35, 423-427.	0.6	2
4	New possibilities of graphics software in the analysis of thermograms of patient's lower limbs—a technical note. Polish Journal of Medical Physics and Engineering, 2021, 27, 175-180.	0.2	0
5	The Rr Form of the Kedem-Katchalsky-Peuser Model Equations for Description of the Membrane Transport in Concentration Polarization Conditions. Entropy, 2020, 22, 857.	1.1	2
6	Membrane Transport in Concentration Polarization Conditions: Evaluation of S-Entropy Production for Ternary Non-Electrolyte Solutions. Journal of Non-Equilibrium Thermodynamics, 2020, 45, 385-399.	2.4	1
7	Efficacy of intra-arterial lidocaine infusion in the treatment of cerulein-induced acute pancreatitis. Advances in Clinical and Experimental Medicine, 2020, 29, 587-595.	0.6	4
8	Chemokines and Growth Factors Produced by Lymphocytes in the Incompetent Great Saphenous Vein. Mediators of Inflammation, 2019, 2019, 1-10.	1.4	8
9	Concentration polarization phenomenon in the case of mechanical pressure difference on the membrane. Journal of Biological Physics, 2017, 43, 225-238.	0.7	5
10	Evaluation of S-Entropy Production in a Single-Membrane System in Concentration Polarization Conditions. Transport in Porous Media, 2017, 116, 941-957.	1.2	5
11	Evaluation of the S-entropy source intensity in a membrane system for concentration polarization conditions. Annales Academiae Medicae Silesiensis, 2017, 71, 46-54.	0.1	0
12	The role of mechanical pressure difference in the generation of membrane voltage under conditions of concentration polarization. Journal of Biological Physics, 2016, 42, 383-398.	0.7	2
13	Conditions of hydrodynamic instability appearance in fluid thin layers with changes in time thickness and density gradient. Journal of Non-Equilibrium Thermodynamics, 2012, 37, .	2.4	5
14	Resistance Coefficients of Polymer Membrane with Concentration Polarization. Transport in Porous Media, 2012, 95, 151-170.	1.2	13
15	Nonlinear Effects in Osmotic Volume Flows of Electrolyte Solutions through Double-Membrane System. Transport in Porous Media, 2012, 92, 337-356.	1.2	5
16	Conditions of hydrodynamic instability appearance in fluid thin layers with changes in time thickness and density gradient. Journal of Non-Equilibrium Thermodynamics, 2012, 37, .	2.4	0
17	Natural Convection as an Asymmetrical Factor of the Transport Through Porous Membrane. Transport in Porous Media, 2010, 84, 685-698.	1.2	18
18	Transport of non-electrolyte solutions through membrane with concentration polarization. General Physiology and Biophysics, 2008, 27, 315-21.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Kinetics of concentration boundary layers buildup in the system consisted of microbial cellulose biomembrane and electrolyte solutions. <i>Journal of Membrane Science</i> , 2007, 304, 148-155.	4.1	13
20	A Numerical Study of the Hydrodynamic Stable Concentration Boundary Layers in a Membrane System Under Microgravitational Conditions. <i>Journal of Biological Physics</i> , 2007, 32, 553-562.	0.7	3
21	Time characteristics of electromotive force in single-membrane cell for stable and unstable conditions of reconstructing of concentration boundary layers. <i>Journal of Membrane Science</i> , 2006, 280, 485-493.	4.1	11
22	Study on the volume and solute flows through double-membranous polymeric dressing with silver ions. <i>Journal of Membrane Science</i> , 2006, 285, 68-74.	4.1	1
23	Study of the electromotive force of electrochemical cell with polymeric membrane oriented in horizontal plane. <i>Polimery W Medycynie</i> , 2006, 36, 57-69.	0.6	0
24	Irreversible thermodynamics model equations for heterogeneous solute flows in a double-membrane system. <i>Desalination</i> , 2004, 163, 155-175.	4.0	2
25	Model equations for interactions of hydrated species in transmembrane transport. <i>Desalination</i> , 2004, 163, 177-192.	4.0	3
26	Thermodynamic model equations for heterogeneous multicomponent non-ionic solution transport in a multimembrane system. <i>Journal of Biological Physics</i> , 1999, 25, 289-308.	0.7	1
27	Thermovision analysis of the surface of the lower limbs in patients with symptomatic lumbosacral discopathy before and after surgery. <i>Polish Annals of Medicine</i> , 0, , .	0.3	0