

# Bartłomiej Grygorcewicz

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

571  
citations

623734

14  
h-index

713466

21  
g-index

43  
all docs

43  
docs citations

43  
times ranked

513  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Environmental Phage-Based Cocktail and Antibiotic Combination Effects on <i>Acinetobacter baumannii</i> Biofilm in a Human Urine Model. <i>Microbial Drug Resistance</i> , 2021, 27, 25-35.  | 2.0  | 59        |
| 2  | Applications of the regenerative capacity of platelets in modern medicine. <i>Cytokine and Growth Factor Reviews</i> , 2022, 64, 84-94.  | 7.2  | 54        |
| 3  | Antibiotics Act with vB_AbaP_AGC01 Phage against <i>Acinetobacter baumannii</i> in Human Heat-Inactivated Plasma Blood and <i>Galleria mellonella</i> Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4390.   | 4.1  | 50        |
| 4  | Characterization of the Three New Kayviruses and Their Lytic Activity Against Multidrug-Resistant <i>Staphylococcus aureus</i> . <i>Microorganisms</i> , 2019, 7, 471.   | 3.6  | 30        |
| 5  | PhageScore: A simple method for comparative evaluation of bacteriophages lytic activity. <i>Biochemical Engineering Journal</i> , 2020, 161, 107652.   | 3.6  | 29        |
| 6  | Urobiome: In Sickness and in Health. <i>Microorganisms</i> , 2019, 7, 548.   | 3.6  | 26        |
| 7  | Glycoside hydrolase (PelA <sub>H</sub> ) immobilization prevents <i>Pseudomonas aeruginosa</i> biofilm formation on cellulose-based wound dressing. <i>Carbohydrate Polymers</i> , 2020, 246, 116625.  | 10.2 | 24        |
| 8  | The Effect of Subinhibitory Concentrations of trans-Anethole on Antibacterial and Antibiofilm Activity of Mupirocin Against Mupirocin-Resistant <i>Staphylococcus aureus</i> Strains. <i>Microbial Drug Resistance</i> , 2019, 25, 1424-1429.  | 2.0  | 23        |
| 9  | Importance of oxidative stress in the pathogenesis, diagnosis, and monitoring of patients with neuropsychiatric disorders, a review. <i>Neurochemistry International</i> , 2022, 153, 105269.  | 3.8  | 23        |
| 10 | Preliminary Study on the Antibacterial Activity of Essential Oils Alone and in Combination with Gentamicin Against Extended-Spectrum $\beta$ -Lactamase-Producing and New Delhi Metallo- $\beta$ -Lactamase-1-Producing <i>Klebsiella pneumoniae</i> Isolates. <i>Microbial Drug Resistance</i> , 2018, 24, 1368-1375. | 2.0  | 18        |
| 11 | In-milk inactivation of <i>Escherichia coli</i> O157:H7 by the environmental lytic bacteriophage ECPS-6. <i>Journal of Food Safety</i> , 2020, 40, e12747.   | 2.3  | 18        |
| 12 | Comparative Assessment of Bacteriophage and Antibiotic Activity against Multidrug-Resistant <i>Staphylococcus aureus</i> Biofilms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1274.  | 4.1  | 17        |
| 13 | Innate Immune Response against <i>Staphylococcus aureus</i> Preincubated with Subinhibitory Concentration of trans-Anethole. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4178.  | 4.1  | 16        |
| 14 | Characterization of a Unique <i>Bordetella bronchiseptica</i> vB_BbrP_BB8 Bacteriophage and Its Application as an Antibacterial Agent. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1403.  | 4.1  | 16        |
| 15 | Enhancing effect of 50 Hz rotating magnetic field on induction of Shiga toxin-converting lambdoid prophages. <i>Microbial Pathogenesis</i> , 2017, 109, 4-7.   | 2.9  | 14        |
| 16 | Bacteriophage-mediated reduction of <i>Salmonella</i> Enteritidis in swine slurry. <i>Applied Soil Ecology</i> , 2017, 119, 179-182.   | 4.3  | 13        |
| 17 | Isolation of multidrug resistant coliforms and their bacteriophages from swine slurry. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2018, 42, 319-325.   | 0.5  | 11        |
| 18 | Mathematical Modeling of Hydrodynamics in Bioreactor by Means of CFD-Based Compartment Model. <i>Processes</i> , 2020, 8, 1301.  | 2.8  | 11        |

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|----|---|------|-----------|
| 19 | The Response of <i>Pseudomonas aeruginosa</i> PAO1 to UV-activated Titanium Dioxide/Silica Nanotubes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7748.  | 4.1  | 11        |
| 20 | Bacteriophage–Ciprofloxacin Combination Effectiveness Depends on <i>Staphylococcus aureus</i> – <i>Candida albicans</i> Dual-Species Communities™ Growth Model. <i>Microbial Drug Resistance</i> , 2022, 28, 613-622.                           | 2.0  | 11        |
| 21 | PhageScore-based analysis of <i>Acinetobacter baumannii</i> infecting phages antibiotic interaction in liquid medium. <i>Archives of Microbiology</i> , 2022, 204, .  | 2.2  | 9         |
| 22 | Preliminary study on the influence of UV-C irradiation on microorganism viability and polyphenol compounds content during winemaking of Regent™ red grape cultivar. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 130-137.           | 0.5  | 7         |
| 23 | Biofilm Formation and Prevalence of Biofilm-Related Genes Among Clinical Strains of Multidrug-Resistant <i>Staphylococcus aureus</i> . <i>Microbial Drug Resistance</i> , 2021, 27, 956-964.  | 2.0  | 7         |
| 24 | Renal and Inflammation Markers–Renalase, Cystatin C, and NGAL Levels in Asymptomatic and Symptomatic SARS-CoV-2 Infection in a One-Month Follow-Up Study. <i>Diagnostics</i> , 2022, 12, 108.   | 2.6  | 7         |
| 25 | Effects of Sterilization Methods on Different 3D Printable Materials for Templates of Physician-Modified Aortic Stent Grafts Used in Vascular Surgery–A Preliminary Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3539. | 4.1  | 7         |
| 26 | Hydrodynamics and Mass Transfer Analysis in BioFlow® Bioreactor Systems. <i>Processes</i> , 2020, 8, 1311.  | 2.8  | 6         |
| 27 | Single Mathematical Parameter for Evaluation of the Microorganisms™ Growth as the Objective Function in the Optimization by the DOE Techniques. <i>Microorganisms</i> , 2020, 8, 1706.  | 3.6  | 6         |
| 28 | Evaluation of ferrofluid-coated rotating magnetic field-assisted bioreactor for biomass production. <i>Chemical Engineering Journal</i> , 2022, 431, 133913.  | 12.7 | 6         |
| 29 | Rotating Magnetic Field-Assisted Reactor Enhances Mechanisms of Phage Adsorption on Bacterial Cell Surface. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1316-1325.   | 2.4  | 6         |
| 30 | Purification and recovery of laccase produced by submerged cultures of <i>Trametes versicolor</i> by three-phase partitioning as a simple and highly efficient technique. <i>Polish Journal of Chemical Technology</i> , 2018, 20, 88-95.       | 0.5  | 5         |
| 31 | Microbiota in sports. <i>Archives of Microbiology</i> , 2022, 204, .  | 2.2  | 5         |
| 32 | Biofilms in the gravity sewer interfaces: making a friend from a foe. <i>Reviews in Environmental Science and Biotechnology</i> , 2021, 20, 795-813.  | 8.1  | 4         |
| 33 | Elevated Levels of Renalase, the $\beta$ -NAD(P)H Isomerase, Can Be Used as Risk Factors of Major Adverse Cardiovascular Events and All-Cause Death in Patients with Chronic Kidney Disease. <i>Biomolecules</i> , 2021, 11, 1514.              | 4.0  | 4         |
| 34 | Intensification of bacterial cellulose production process with sequential electromagnetic field exposure aided by dynamic modelling. <i>Biochemical Engineering Journal</i> , 2022, 182, 108432.  | 3.6  | 4         |
| 35 | Entrapment of DyP-type peroxidase from <i>Pseudomonas fluorescens</i> Pf5 into Ca-alginate magnetic beads. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 238-245.   | 3.1  | 3         |
| 36 | Synergistic effect of fennel essential oil and hydrogen peroxide on bacterial biofilm. <i>Postepy Dermatologii i Alergologii</i> , 2020, 37, 690-698.   | 0.9  | 3         |

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|----|---|-----|-----------|
| 37 | Effect of renal replacement therapy on selected arachidonic acid derivatives concentration. BMC Nephrology, 2020, 21, 394.  | 1.8 | 3         |
| 38 | Xanthine oxidoreductase activity in platelet-poor and rich plasma as a oxidative stress indicator in patients required renal replacement therapy. BMC Nephrology, 2022, 23, 35.         | 1.8 | 2         |
| 39 | Methods of Bacteriophages Production with Application of Alternate Magnetic Field. , 2020, , 171-182.   |     | 1         |
| 40 | Adiponectin is unrelated to kidney function or injury markers in renal transplant recipients: A one-year follow-up study. Prostaglandins and Other Lipid Mediators, 2022, 159, 106618.  | 1.9 | 1         |
| 41 | The role of uropathogenic Escherichia coli adhesive molecules in inflammatory response- comparative study on immunocompetent hosts and kidney recipients. PLoS ONE, 2022, 17, e0268243. | 2.5 | 1         |
| 42 | Comparative analysis of adropin concentration changes in response to kidney transplantation. European Journal of Internal Medicine, 2021, 84, 112-114.                                  | 2.2 | 0         |