Publikacje naukowe

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| **PUBLIKACJE NAUKOWE PRACOWNIKÓW NIL 2020** |
| **Lp.** | **Tytuł publikacji** | **Czasopismo** | **Rok** | **Autor z NIL (jednostka)** | **Punktacja MNiSW** | **Punktacja IF** |
| 1 | A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants | ENVIRONMENT INTERNATIONAL | 2020 | Baraniak Anna (ZM) | 140 | 7,943 |
| 2 | A Kayvirus Distant Homolog of Staphylococcal Virulence Determinants and VISA Biomarker Is a Phage Lytic Enzyme | VIRUSES-BASEL | 2020 | Empel Joanna (ZE) | 100 | 3,811 |
| 3 | A mosaic tetracycline resistance gene tet(S/M) detected in an MDR pneumococcal CC230 lineage that underwent capsular switching in South Africa | JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY [ISSN:0305-7453] | 2020 | Skoczyńska Anna (ZE) | 140 | 5,113 |
| 4 | Activity of temocillin against ESBL-, AmpC-, and/or KPC-producing Enterobacterales isolated in Poland | EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES | 2020 | Kuch Alicja (ZE), Żabicka Dorota (ZE), Literacka Elżbieta (ZE), Skoczyńska Anna (ZE), Hryniewicz Waleria (ZE) | 100 | 2,591 |
| 5 | Alternating Cationic-Hydrophobic Peptide/Peptoid Hybrids: Influence of Hydrophobicity on Antibacterial Activity and Cell Selectivity | CHEMMEDCHEM | 2020 | Żabicka Dorota (ZE), Tomczak Magdalena (ZE), Urbaś Małgorzata (ZE) | 100 | 3,016 |
| 6 | Antifungal polybrominated proxyphylline derivative induces Candida albicans calcineurin stress response in Galleria mellonella | BIOORGANIC & MEDICINAL CHEMISTRY LETTERS | 2020 | Koronkiewicz Mirosława (BL) | 70 | 2,448 |
| 7 | Antioxidant, quenching, electrophoretic, antifungal and structural properties of proteins and their abilities to control the quality of Amaranthus industrial products | FOOD CONTROL | 2020 | Szterk Arkadiusz (PM), Jastrzębski Zenon (FA) | 140 | 4,248 |
| 8 | Antybiotykooporność: przyczyny i konsekwencje | POSTEPY MIKROBIOLOGII | 2020 | Hryniewicz Waleria (ZE), Mazińska Beata (ZE) | 20 | 0,298 |
| 9 | Antyseptyka jamy ustnej | GABINET PRYWATNY | 2020 | Tyski Stefan (MA) | 5 |   |
| 10 | Biological activity of mistletoe: in vitro and in vivo studies and mechanisms of action | ARCHIVES OF PHARMACAL RESEARCH | 2020 | Szurpnicka Anna (LN), Szterk Arkadiusz (PM), Kowalczuk Anna (LN) | 70 | 2,458 |
| 11 | Breast Cancer Prevention-Is there a Future for Sulforaphane and Its Analogs? | NUTRIENTS | 2020 | Kuran Dominika (FA), Pogorzelska Anna (NIL), Wiktorska Katarzyna (BL) | 140 | 4,171 |
| 12 | Cathinones - Routine NMR methodology for enantiomer discrimination and their absolute stereochemistry assignment, using R-BINOL | JOURNAL OF MOLECULAR STRUCTURE | 2020 | Urbanowicz Magdalena (LF), Bocian Wojciech (LF), Sitkowski Jerzy (LF), Naumczuk Beata (LF), Bednarek Elżbieta (LF), Popławska Magdalena (LF), Błażewicz Agata (LF), Kozerski Lech (LF) | 70 | 2,12 |
| 13 | Comparison of artificial spawning effectiveness of hCG, CPH and GnRHa in combination with dopamine inhibitors in a wild strain of ide Leuciscus idus (L.) in hatchery conditions | ANIMAL REPRODUCTION SCIENCE | 2020 | Wyszomirska Elżbieta (LS) | 140 | 1,817 |
| 14 | Detection of Streptococcus Pyogenes Virulence Factors | METHODS IN MOLECULAR BIOLOGY (CLIFTON, N.J.) | 2020 | Sitkiewicz Izabela (BL), Kozińska Aleksandra (BL) | 70 |   |
| 15 | Diversity of serotypes and new cps loci variants among Streptococcus suis isolates from pigs in Poland and Belarus | VETERINARY MICROBIOLOGY | 2020 | Bojarska Agnieszka (ZM), Sadowy Ewa (ZM), Hryniewicz Waleria (ZE) | 100 | 2,791 |
| 16 | Emergence of linezolid-resistant Staphylococcus epidermidis in the tertiary children’s hospital in Cracow, Poland | EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES | 2020 | Sadowy Ewa (ZM), Gawryszewska Iwona (ZM), Hryniewicz Waleria (ZE) | 100 | 2,591 |
| 17 | Evidence of low temperature phase transition in 2,6 dimethylpyrazine - picric acid cocrystal by means of temperature dependent investigations: X-ray, DSC and IR | JOURNAL OF MOLECULAR STRUCTURE | 2020 | Maurin Jan (LF) | 70 | 2,12 |
| 18 | First dinuclear rhodium(II) complexes with triazolopyrimidines and the of their use | JOURNAL OF INORGANIC BIOCHEMISTRY | 2020 | Sitkowski Jerzy (LF) | 70 | 3,224 |
| 19 | Fluoroaryl analogs of sulforaphane – A group of compounds of anticancer and antimicrobial activity | BIOORGANIC CHEMISTRY | 2020 | Lubelska Katarzyna (LN), Kruszewska Hanna (MA), Kuran Dominika (FA), Mielczarek Lidia (LN), Chilmonczyk Zdzisław (NIL), Wiktorska Katarzyna (BL), Dąbrowska Aleksandra (NIL) | 100 | 3,926 |
| 20 | Genetic variability of Polish serogroup B meningococci (2010-2016) including the 4CMenB vaccine component genes | VACCINE [ISSN:0264-410X] | 2020 | Waśko Izabela (BL), Gołębiewska Agnieszka (ZE), Kiedrowska Marlena (ZE), Ronkiewicz Patrycja (ZE), Wróbel-Pawelczyk Izabela (ZE), Kuch Alicja (ZE), Skoczyńska Anna (ZE) | 100 | 3,269 |
| 21 | Genomic background of the Klebsiella pneumoniae NDM-1 outbreak in Poland, 2012-18 | JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY [ISSN:0305-7453] | 2020 | Izdebski Radosław (ZM), Urbanowicz Paweł (ZM), Gniadkowski Marek (ZM) | 140 | 5,113 |
| 22 | Identification and determination of cholesterol - lowering drugs by densitometric method | ACTA POLONIAE PHARMACEUTICA DRUG RESEARCH | 2020 | Wyszomirska Elżbieta (LS), Czerwińska Krystyna (MA), Kublin Elżbieta (LS) | 40 | 0,447 |
| 23 | Identification of Clinically Relevant Streptococcus and Enterococcus Species Based on Biochemical Methods and 16S rRNA, sodA, tuf, rpoB, and recA Gene Sequencing | PATHOGENS | 2020 | Żabicka Dorota (ZE), Sadowy Ewa (ZM) | 100 | 3,405 |
| 24 | Identification of Streptococcus pneumoniae and other Mitis streptococci: importance of molecular methods | EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES | 2020 | Sadowy Ewa (ZM), Hryniewicz Waleria (ZE) | 100 | 2,591 |
| 25 | In Silico Screening for Novel Leucine Aminopeptidase Inhibitors with 3,4-Dihydroisoquinoline Scaffold | MOLECULES | 2020 | Jarończyk Małgorzata (BL) | 100 | 3,06 |
| 26 | Increased photoinactivation stress tolerance of Streptococcus agalactiae upon consecutive sublethal phototreatments | FREE RADICAL BIOLOGY AND MEDICINE | 2020 | Sitkiewicz Izabela (BL) | 140 | 5,657 |
| 27 | Mechanizmy przeciwnowotworowej aktywności witaminy D | POSTĘPY HIGIENY I MEDYCYNY DOŚWIADCZALNEJ | 2020 | Gruber-Bzura Beata (BB) | 40 | 1,106 |
| 28 | Microbiological purity of syringes containing composites in the context of cross-infection prevention in dental practices | CURRENT ISSUES IN PHARMACY AND MEDICAL SCIENCES | 2020 | Zaręba Tomasz (MA), Tyski Stefan (MA) | 20 |   |
| 29 | Models of implementation of the falsified medicines directive in different dispensing scenarios | ACTA POLONIAE PHARMACEUTICA DRUG RESEARCH | 2020 | Kowalczuk Anna (LN) | 40 | 0,447 |
| 30 | Multinuclear magnetic resonance characterization and antiproliferative studies of novel dichlorido platinum(II) complexes containing kinetin riboside and 1-beta-D-ribofuranosyl-4-(2-pyridyl)-1H-1,2,3-triazole | POLYHEDRON | 2020 | Sitkowski Jerzy (LF) | 100 | 2,284 |
| 31 | Nanoencapsulation of a ruthenium(ii) complex with triazolopyrimidine in liposomes as a tool for improving its anticancer activity against melanoma cell line | DALTON TRANSACTIONS [ISSN:1477-9226] | 2020 | Sitkowski Jerzy (LF) | 140 | 4,052 |
| 32 | N-Nitrosodimethylamine Contamination in the Metformin Finished Products | MOLECULES | 2020 | Zmysłowski Adam (PM), Szterk Arkadiusz (PM), Książek Iza (BB) | 100 | 3,06 |
| 33 | On the diastereomeric purity of the D (−)-(2R )-ampicillin | MAGNETIC RESONANCE IN CHEMISTRY | 2020 | Bednarek Elżbieta (LF), Sitkowski Jerzy (LF), Naumczuk Beata (LF), Bocian Wojciech (LF), Kozerski Lech (LF) | 40 | 1,731 |
| 34 | Overview and Analysis of the Cost of Drug Programs in Poland: Public Payer Expenditures and Coverage of Cancer and Non-Neoplastic Diseases Related Drug Therapies from 2015–2018 Years | FRONTIERS IN PHARMACOLOGY | 2020 | Dąbrowski Jan (NIL) | 100 | 3,845 |
| 35 | Pathogenic Factors Correlate With Antimicrobial Resistance Among Clinical Proteus mirabilis Strains | FRONTIERS IN MICROBIOLOGY | 2020 | Literacka Elżbieta (ZE), Gniadkowski Marek (ZM) | 100 | 4,259 |
| 36 | Peptide dendrimers as antifungal agents and carriers forpotential antifungal agent—N3‐(4‐methoxyfumaroyl)‐(S)‐2,3‐diaminopropanoic acid—synthesis and antimicrobial activity | JOURNAL OF PEPTIDE SCIENCE | 2020 | Urbanowicz Magdalena (LF) | 70 | 2,081 |
| 37 | Photoeradication of bacteria with porphycenes: Substituent effects on the efficiency | EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY | 2020 | Bojarska Agnieszka (ZM), Gawryszewska Iwona (ZM), Sadowy Ewa (ZM), Hryniewicz Waleria (ZE) | 140 | 4,833 |
| 38 | Pilot Implementation of Falsified Medicines Directive in Hospital Pharmacy to Develop Best Practices for Medicine Decommissioning Process | PHARMACY | 2020 | Kowalczuk Anna (LN) | 20 |   |
| 39 | Pozaszpitalne zakażenia układu oddechowego - wyniki badania RESPI-Net i ich praktyczne implikacje | MEDYCYNA PRAKTYCZNA | 2020 | Hryniewicz Waleria (ZE) | 5 |   |
| 40 | Relationships among streptococci from the mitis group, misidentified as Streptococcus pneumoniae | EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES | 2020 | Sadowy Ewa (ZM), Bojarska Agnieszka (ZM), Skoczyńska Anna (ZE), Hryniewicz Waleria (ZE), Kuch Alicja (ZE) | 100 | 2,591 |
| 41 | Ruthenium(II) and Iridium(III) Complexes as Tested Materials for Nw Anticancer Agents | MATERIALS | 2020 | Sitkowski Jerzy (LF) | 140 | 2,972 |
| 42 | Spectroscopic identification of intermediates and final products of the chiral pool synthesis of sutezolid | JOURNAL OF MOLECULAR STRUCTURE | 2020 | Michalska Katarzyna (LS), Bocian Wojciech (LF) | 70 | 2,12 |
| 43 | Spread of Klebsiella pneumoniae ST45 Producing GES-5 Carbapenemase or GES-1 Extended-Spectrum β-Lactamase in Newborns and Infants | ANTIMICROBIAL AGENTS AND CHEMOTHERAPY | 2020 | Literacka Elżbieta (ZE), Izdebski Radosław (ZM), Urbanowicz Paweł (ZM), Żabicka Dorota (ZE), Hryniewicz Waleria (ZE), Gniadkowski Marek (ZM) | 140 | 4,715 |
| 44 | Strategy for identification of new psychoactive substances in illicit samples using attenuated total reflectance infrared spectroscopy | FORENSIC SCIENCE INTERNATIONAL | 2020 | Pioruńska-Sędłak Karolina (LF), Stypułkowska Karolina (LF) | 100 | 1,99 |
| 45 | Substituent Effect in the First Excited Triplet State of Monosubstituted Benzenes | ACS OMEGA | 2020 | Dobrowolski Jan (BL), Karpińska Grażyna (BL) | 70 | 2,584 |
| 46 | Sulfone derivatives enter the cytoplasm of Candida albicans sessile cells | EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY | 2020 | Koronkiewicz Mirosława (BL) | 140 | 4,833 |
| 47 | Sulforaphane-assisted preparation of tellurium flower-like nanoparticles | NANOTECHNOLOGY | 2020 | Wiktorska Katarzyna (BL), Ofiara Karol (PM), Szterk Arkadiusz (PM) | 100 | 3,399 |
| 48 | Surface-enhanced Raman scattering as a discrimination method of Streptococcus spp. and alternative approach for identifying capsular types of S. pneumoniae isolates | SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY [ISSN:1386-1425] | 2020 | Sadowy Ewa (ZM), Ronkiewicz Patrycja (ZE) | 100 | 2,931 |
| 49 | Synergistic Interactions of 5-Fluorouracil with Inhibitors of Protein Kinase CK2 Correlate with p38 MAPK Activation and FAK Inhibition in the Triple-Negative Breast Cancer Cell Line | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES | 2020 | Koronkiewicz Mirosława (BL) | 140 | 4,183 |
| 50 | Synthesis and search for 3β,3′β-disteryl ethers after high-temperature treatment of sterol-rich samples | FOOD CHEMISTRY | 2020 | Zmysłowski Adam (PM), Sitkowski Jerzy (LF), Bus Katarzyna (PM), Ofiara Karol (PM), Szterk Arkadiusz (PM) | 140 | 5,399 |
| 51 | The Impact of Insertion Sequences on O-Serotype Phenotype and Its O-Locus-Based Prediction in Klebsiella pneumoniae O2 and O1. | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES | 2020 | Gniadkowski Marek (ZM), Izdebski Radosław (ZM) | 140 | 4,183 |
| 52 | The influence of polyether substituents on biological activity of curcumin derivatives | ACTA POLONIAE PHARMACEUTICA DRUG RESEARCH | 2020 | Bubko Irena (BB), Gruber-Bzura Beata (BB) | 40 | 0,447 |
| 53 | The Premature Senescence in Breast Cancer Treatment Strategy | CANCERS | 2020 | Milczarek Małgorzata (BL) | 140 | 6,162 |
| 54 | The Role of MECP2 and CCR5 Polymorphisms on the Development and Course of Systemic Lupus Erythematosus | BIOMOLECULES | 2020 | Jarończyk Małgorzata (BL) | 100 | 4,694 |
| 55 | The transmission of electronic substituent effects along the polyene chain: evaluation of through-bond and through-space contributions | STRUCTURAL CHEMISTRY [ISSN:1040-0400] | 2020 | Sadlej-Sosnowska Nina (LS) | 70 | 1,624 |