

Publikacje – 2019 rok

1. Agrawal S., Woźniak M., Łuc M., Makuch S., Pielka E., Agrawal A.K., Wietrzyk J., Banach J., Gamian A., Pizon M., Ziółkowski P.: Insulin enhancement of the antitumor activity of chemotherapeutic agents in colorectal cancer is linked with downregulating PIK3CA and GRB2. *Scientific Reports*, 2019, 9:16647, **IF 4,011 (100 pkt MNiSW)**
2. Al-Wrafy F., Brzozowska E., Górska S., Drab M., Strus M., Gamian A.: Identification and characterization of phage protein and its activity against two strains of multidrug-resistant *Pseudomonas aeruginosa*. *Sci Rep*, 2019, 9(1):13487, **IF 4,011 (100 pkt MNiSW)**
3. Anisiewicz A., Filip-Psurska B., Pawlik A., Nasulewicz-Goldeman A., Piasecki T., Kowalski K., Maciejewska M., Jarosz J., Banach J., Papiernik D., Mazur A., Kutner A., Maier J.A., Wietrzyk J.: Calcitriol analogues decrease lung metastasis but impair bone metabolism in aged ovariectomized mice bearing 4T1 mammary gland tumours. *Aging and Disease*, 2019, 10(5):977-991, **IF 4,232 (140 pkt MNiSW)**
4. Artym J., Kocięba M., Zaczynska E., Kochanowska I., Zimecki M., Kałas W., Strządała L., Zioło E., Jeleń M., Morak-Młodawska B., Pluta K.: Prolongation of skin graft survival in mice by an azaphenothiazine derivative. *Immunol Lett*, 2019, 208, 1-7, **IF 2,552 (100 pkt MNiSW)**
5. Bagińska N., Pichlak A., Górska A., Jończyk-Matysiak E.: Specific and selective bacteriophages in the fight against multidrug-resistant *Acinetobacter baumannii*. *Virol Sin*, 2019, 34(4):347-357, **IF 2,467 (70 pkt MNiSW)**
6. Bąchor U., Ryng S., Mączyński M., Artym J., Kocięba M., Zaczynska E., Kochanowska I., Tykarska E., Zimecki M.: Synthesis, immunosuppressive properties, mechanism of action and X-ray analysis of a new class of isoxazole derivatives. *Acta Poloniae Pharmaceutica*, 2019, 76:251-263, **IF 0,447 (40 pkt MNiSW)**
7. Bednarz B., Kotowska M., Pawlik K.: Multi-level regulation of coelimycin synthesis in *Streptomyces coelicolor* A3(2). *Appl Microbiol Biotechnol*, 2019, 103(16):6423-6434, **IF 3,670 (100 pkt MNiSW)**
8. Bębenek E., Chrobak E., Marciniec K., Kadela-Tomanek M., Trynda J., Wietrzyk J., Boryczka S.: Biological activity and *in silico* study of 3-modified derivatives of betulin and betulinic aldehyde. *Int J Mol Sci*, 2019, 20(6):1372, **IF 4,183 (100 pkt MNiSW)**
9. Bierowiec K., Korzeniowska-Kowal A., Wzorek A., Rypuła K., Gamian A.: Prevalence of *Staphylococcus* species colonization in healthy and sick cats. *BioMed Res Int*, 2019, 2019:4360525, **IF 2,197 (70 pkt MNiSW)**
10. Bischof J., Gärtner F., Zeiser K., Kunz R., Schreiner C., Hoffer E., Burster T., Knippschild U., Zimecki M.: Immune cells and immunosenescence. *Folia Biologica (Praha)*, 2019, 65:53-63, **IF 1,073 (40 pkt MNiSW)**
11. Borysowski J., Ehni H-J., Górska A.: Ethics codes and use of new and innovative drugs. *Br J Clin Pharmacol*, 2019, 85(3):501-507, **IF 3,867 (100 pkt MNiSW)**
12. Borysowski J., Górska A.: Compassionate use of unauthorized drugs: Legal regulations and ethical challenges. *Eur J Intern Med.*, 2019, 65:12-16, **IF 3,660 (100 pkt MNiSW)**
13. Borysowski J., Przybylski M., Międzybrodzki R., Owczarek B., Górska A.: The effects of bacteriophages on the expression of genes involved in antimicrobial immunity, *Postepy Hig Med Dosw*, 2019, 73: 414-420, **IF 1,106 (40 pkt MNiSW)**
14. Chaszczewska-Markowska M., Kosacka M., Chryplewicz A., Dyła T., Brzecka A., Bogunia-Kubik K.: ECCR1 and NFKB2 polymorphisms as potential biomarkers of non-small cell lung cancer in a Polish population. *Anticancer Res*, 2019, 39(6):3269-3272, **IF 1,935 (70 pkt MNiSW)**

15. Chrobak E., Kadela-Tomanek M., Bębenek E., Marciniec K., Wietrzyk J., Trynda J., Pawełczak B., Kusz J., Kasperczyk J., Chodurek E., Paduszyński P., Boryczka S.: New phosphate derivatives of betulin as anticancer agents: Synthesis, crystal structure, and molecular docking study. *Bioorg Chem*, 2019, 87:613-628, **IF 3,926 (100 pkt MNiSW)**
16. Cichos J., Wysokińska E., Kałas W., Karbowiak M.: Dithiocarbamates: reliable surface ligands for NIR-emitting quantum dots. *Langmuir*, 2019, 35, 16:5509–5516, **IF 3,683 (100 pkt MNiSW)**
17. Ciołek L., Biernat M., Jaegermann Z., Zaczyńska E., Czarny A., Jastrzębska A., Olszyna A.: The studies of cytotoxicity and antibacterial activity of composites with ZnO-doped bioglass. *International Journal of Applied Ceramic Technology*, 2019, 16:541-551, **IF 1,074 (40 pkt MNiSW)**
18. Ciszek-Lenda M., Strus M., Walczewska M., Majka G., Machul-Żwirbla A., Mikołajczyk D., Górska S., Gamian A., Chain B., Marcinkiewicz J.: *Pseudomonas aeruginosa* biofilm is a potent inducer of phagocyte hyperinflammation. *Inflamm Res*, 2019, 68(5):397-413, **IF 3,061 (70 pkt MNiSW)**
19. Cytarska J., Anisiewicz A., Baranowska-Łączkowska A., Sikora A., Wietrzyk J., Misiura K., Łączkowski K.Z.: Triazene salts: design, synthesis, ctDNA interaction, lipophilicity determination, DFT calculation, and antiproliferative activity against human cancer cell lines. *Saudi Pharmaceutical Journal*, 2019, 27(3):303-311, **IF 3,643 (70 pkt MNiSW)**
20. Dąbrowska K.: Phage therapy: What factors shape phage pharmacokinetics and bioavailability? Systematic and critical review. *Medicinal Research Reviews*, 2019, 39(5):2000-2025, **IF 9,791 (140 pkt MNiSW)**
21. Dąbrowska K., Abedon S.: Pharmacologically aware phage therapy: Pharmacodynamic and pharmacokinetic obstacles to phage antibacterial action in animal and human bodies. *Microbiology and Molecular Biology Reviews*, 2019, 83(4), **IF 15,255 (200 pkt MNiSW)**
22. Dąbrowski P., Kulus M.J., Cieślik A., Domagala Z., Wiglusz R.J., Kuropka P., Kuryszko J., Thannhauser A., Szleszkowski L., Wojtulek P.M., Solinski D., Dziegieł P.: A case of syphilis with high bone arsenic concentration from early modern cemetery (Wrocław, Poland). *Open Life Sciences*, 2019, 14:427-439, **IF 0,504 (40 pkt MNiSW)**
23. Dąbrowski P., Kulus M., Cieślik A., Staszak A., Staniowski T.: Inverted and horizontal impacted third molars in an Early Modern skull from Wrocław, Poland: a case report. *Folia Morphologica*, 2019, 78:214-220, **IF 0,780 (20 pkt MNiSW)**
24. Dudek B., Książczyk M., Krzyżewska E., Rogala K., Kuczkowski M., Woźniak-Biel A., Korzekwa K., Korzeniowska-Kowal A., Ratajszczak R., Wieliczko A., Rybka J., Bugla-Płoskońska G.: Comparison of the phylogenetic analysis of PFGE profiles and the characteristic of virulence genes in clinical and reptile associated *Salmonella* strains. *BMC Vet Res*, 2019, 15(1):312, **IF 1,792 (100 pkt MNiSW)**
25. Dysz K., Malik-Gajewska M., Banach J., Morzyk-Ociepa B.: Palladium(II) complexes containing seven halogeno-derivatives of 7-azaindole: molecular structures, vibrational spectra, DFT calculations and *in vitro* cytotoxic activity. *Journal of Molecular Structure*, 2019, 1181:444-454, **IF 2,120 (70 pkt MNiSW)**
26. Dysz K., Szmigiel-Bakalarz K., Nentwig M., Oeckler O., Malik-Gajewska M., Turlej E., Michalska D., Morzyk-Ociepa B.: A comparative study on cisplatin analogs containing 7-azaindole (7AIH) and its seven halogeno-derivatives: vibrational spectra, DFT calculations and *in vitro* antiproliferative activity. Crystal and molecular structure of cis-[PtCl₂(4Br7AIH)₂]·DMF. *Polyhedron*, 2019, 173:114136, **IF 2,284 (100 pkt MNiSW)**

27. Eckert E., Zambrowicz A., Bobak Ł., Zabłocka A., Chrzanowska J., Trziszka T.: Production and identification of biologically active peptides derived from by-product of hen egg-yolk phospholipid extraction. *International Journal of Peptide Research and Therapeutics*, 2019, 25:669–680, **IF 1,219 (40 pkt MNiSW)**
28. Fayyaz S., Qureshi MZ., Alhewairini S.S., Avnioglu S., Attar R., Sabitaliyevich U.Y., Buha A., Salahuddin H., Adylova A., Tahir F., Pawlak-Adamska E.: Regulation of signaling pathways by Ampelopsin (Dihydromyricetin) in different cancers: exploring the highways and byways less travelled. *Cellular and Molecular Biology*, 2019, 65(7):15-20, **IF 1,463 (40 pkt MNiSW)**
29. Ferrua F., Galimberti S., Courteille V., Slatter M.A., Booth C., Moshous D., Neven B., Blanche S., Cavazzana M., Laberko A., Shcherbina A., Balashov D., Soncini E., Porta F., Al-Mousa H., Al-Saud B., Al-Dhekri H., Arnaout R., Formankova R., Bertrand Y., Lange A., Smart J., Wolska-Kusnierz B., Aquino V.M., Dvorak C.C., Fasth A., Fouyssac F., Heilmann C., Hoenig M., Schuetz C., Kelečić J., Bredius R.G.M., Lankester A.C., Lindemans C.A., Suarez F., Sullivan K.E., Albert M.H., Kałwak K., Barlogis V., Bhatia M., Bordon V., Czogala W., Alonso L., Dogu F., Gozdzik J., Ikinciogullari A., Kriván G., Ljungman P., Meyts I., Mustillo P., Smith A.R., Speckmann C., Sundin M., Keogh S.J., Shaw P.J., Boelens J.J., Schulz A.S., Sedlacek P., Veys P., Mahlaoui N., Janda A., Davies E.G., Fischer A., Cowan M.J., Gennery A.R.: SCETIDE, PIDTC, EBMT & ESID IEWP. Hematopoietic stem cell transplantation for CD40 ligand deficiency: Results from an EBMT/ESID-IEWP-SCETIDE-PIDTC study. *J Allergy Clin Immunol*, 2019, 143(6):2238-2253, **IF 14,110 (200 pkt MNiSW)**
30. Filipów S., Łaczmański Ł.: Blood circulating miRNAs as cancer biomarkers for diagnosis and surgical treatment response. *Front Genet*, 2019, 10:169, **IF 3,517 (100 pkt MNiSW)**
31. Fink K., Boratyński J., Paprocka M., Goszczyński T.M.: Metallacarboranes as a tool for enhancing the activity of therapeutic peptides. *Ann NY Acad Sci*, 2019, 1457(1):128-141, **IF 4,295 (140 pkt MNiSW)**
32. Futoma-Kołoch B., Bugla-Płoskońska G., Dudek B., Dorotkiewicz-Jach A., Drulis-Kawa Z., Gamian A.: Outer membrane proteins of *Salmonella* as potential markers of resistance to rerum, antibiotics and biocides. *Curr Med Chem*, 2019, 26(11):1960-1978, **IF 3,894 (100 pkt MNiSW)**
33. Gaasterland C.M.W., van der Weide M.C.J., du Prie-Olthof M.J., Donk M., Kaatee M.M., Kaczmarek R., Lavery C., Leeson-Beevers K., O'Neill N., Timmis O., van Nederveen V., Vroom E., van der Lee J.H.: The patient's view on rare disease trial design - a qualitative study. *Orphanet J Rare Dis*, 2019, 14(1):31, **IF 3,687 (100 pkt MNiSW)**
34. Gębura K., Butrym A., Chaszczewska-Markowska M., Wróbel T., Kuliczkowski K., Bogunia-Kubik K.: G-CSF administration favours SDF-1 release and activation of neutrophils and monocytes in recipients of autologous peripheral blood progenitor cells. *Cytokine*, 2019, 116:38-47, **IF 3,078 (100 pkt MNiSW)**
35. Gilewska A., Barszcz B., Masternak J., Kazimierczuk K., Sitkowski J., Wietrzyk J., Turlej E.: Similarities and differences in d6 low-spin ruthenium, rhodium and iridium half-sandwich complexes: synthesis, structure, cytotoxicity and interaction with biological targets. *Journal of Biological Inorganic Chemistry*, 2019, 24 (4):591–606, **IF 3,632 (70 pkt MNiSW)**
36. Gilowska I., Majorczyk E., Kasper Ł., Bogacz K., Szczegielniak J., Kasper M., Kaczmarski J., Skomudek A., Czerwiński M., Śladek K.: The role of MMP-12 gene polymorphism - 82 A-to-G (rs2276109) in immunopathology of COPD in polish

- patients: a case control study. *BMC Med Genet*, 2019, 20(1):19, **IF 1,740 (70 pkt MNiSW)**
- 37. Górski A., Bollyky P.L., Przybylski M., Borysowski J., Międzybrodzki R., Jończyk-Matysiak E., Weber-Dąbrowska B.: Perspectives of phage therapy in non-bacterial infections. *Front Microbiol*, 2019, 9:3306, **IF 4,259 (100 pkt MNiSW)**
 - 38. Górski A., Międzybrodzki R., Jończyk-Matysiak E., Borysowski J., Letkiewicz S., Weber-Dąbrowska B.: The fall and rise of phage therapy in modern medicine. *Expert Opin Biol Ther*, 2019, 19(11):1115-1117, **IF 3,585 (100 pkt MNiSW)**
 - 39. Górski A., Międzybrodzki R., Jończyk-Matysiak E., Żaczek M., Borysowski J.: Phage-specific diverse effects of bacterial viruses on the immune system. *Future Microbiol*, 2019, 14:1171-1174, **IF 2,746 (100 pkt MNiSW)**
 - 40. Grabowski T., Reijers J.A.A., Burmańczuk A., Chełmońska-Soya A.: Fluctuations in pharmacokinetics profiles of monoclonal antibodies. *European Journal of Drug Metabolism and Pharmacokinetics*, 2019, 44:585-589, **IF 1,497 (40 pkt MNiSW)**
 - 41. Greb-Markiewicz B., Kazana W., Zarębski M., Ożyhar A: The subcellular localization of bHLH transcription factor TCF4 is mediated by multiple nuclear localization and nuclear export signals, *Scientific Reports*, 2019, 9(1):15629, **IF 4,011 (100 pkt MNiSW)**
 - 42. Henklewska M., Pawlak A., Kutkowska J., Pruchnik H., Rapak A., Obminska-Mrukowicz B.: *In vitro* effects of the activity of novel platinum (II) complex in canine and human cell lines. *Vet Comp Oncol*, 2019, 17(4):497-506, **IF 2,379 (200 pkt MNiSW)**
 - 43. Hermanussen M., Pulungan A.B., Scheffler C., Mumm R., Rogol A.D., Pop R., Swanson J.M., Sonuga-Barke E., Reimann A., Siniarska-Wolanska A., Musalek M., Bogin B., Boldsen J.L., Tassenaar P.G.V., Groth D., Liu Y.C., Meigen C., Quanjer B., Thompson K., Özer B.K., Bryl E., Mamrot P., Hanć T., Koziel S., Söderhäll J., Gomula A., Banik S.D., Roelants M., Veldre G., Lieberman L.S., Sievert L.L.: Meeting Report: The Role of Beliefs and Perception on Body Size. Proceedings of the 26th Aschauer Soiree, Held at Aschauhof, Altenhof, Germany, May 26th, 2018. *Pediatric Endocrinology Reviews: PER*, 2019, 16:383-400, **IF 0,819 (70 pkt MNiSW)**
 - 44. Hodyra-Stefaniak K., Lahutta K., Majewska J., Kaźmierczak Z., Lecion D., Harhala M., Kęska W., Owczarek B., Jończyk-Matysiak E., Kłopot A., Miernikiewicz P., Kula D., Górski A., Dąbrowska K.: Bacteriophages engineered to display foreign peptides may become short-circulating phages. *Microbial Biotechnology*, 2019, 12(4):730-741, **IF 4,857 (100 pkt MNiSW)**
 - 45. Jagodzinski A., Zielinska E., Laczmanski L., Hirnle L.: The early years of life. Are they influenced by our microbiome? *Ginekol Pol*, 2019, 90(4):228-232, **IF 0,747 (40 pkt MNiSW)**
 - 46. Janczewski Ł., Burchacka E., Psurski M., Ciekot J., Gajda A., Gajda T.: New diaryl ω-(isothiocyanato)alkylphosphonates and their mercapturic acids as potential antibacterial agents. *Life Sci*, 2019, 219:264–271, **IF 3,448 (70 pkt MNiSW)**
 - 47. Jarosz J., Papiernik D., Wietrzyk J.: IL-33 - pozytywna czy negatywna rola w progresji raka? *Postepy Hig Med Dosw*, 2019, 73:626-635, **IF 1,106 (40 pkt MNiSW)**
 - 48. Jaśkiewicz E., Jodłowska M., Kaczmarek R., Zerka A.: Erythrocyte glycophorins as receptors for *Plasmodium* merozoites. *Parasit Vectors*, 2019, 12(1):317, **IF 3,031 (100 pkt MNiSW)**
 - 49. Jęskowiak I., Mączyński M., Trynda J., Wietrzyk J., Ryng S.: The 5-hydrazino-3-methylisothiazole-4-carboxylic acid, its new 5-substituted derivatives and their antiproliferative activity. *Bioorg Chem*, 2019, 91:103082, **IF 3,926 (100 pkt MNiSW)**

50. Jończyk-Matysiak E., Łodej N., Kula D., Owczarek B., Orwat F., Międzybrodzki R., Neuberg J., Bagińska N., Weber-Dąbrowska B., Górska A.: Factors determining phage stability/activity: challenges in practical phage application. *Expert Rev Anti Infect Ther*, 2019, 17(8):583-606, **IF 3,090 (100 pkt MNiSW)**
51. Kaleta B., Górska A., Zagoźdżon R., Cieślak M., Kaźmierczak-Barańska J., Nawrot B., Klimaszewska M., Malinowska E., Górska S., Turło J.: Selenium-containing polysaccharides from *Lentinula edodes* – Biological activity. *Carbohydr Polym*, 2019, 223:115078, **IF 6,044 (140 pkt MNiSW)**
52. Kałas W., Wysokińska E., Przybyło M., Langner M., Ulatowska-Jarża A., Biały D., Wawrzyńska M., Zioło E., Gil W., Trzeciak A.M., Podbielska H., Kopaczyńska M.: Photoactive liposomal formulation of PVP-conjugated chlorin e6 for photodynamic reduction of atherosclerotic plaque. *Int J Mol Sci*, 2019, 20, 16, **IF 4,183 (100 pkt MNiSW)**
53. Kielbik A., Wawryka P., Przystupski D., Rossowska J., Szewczyk A., Saczko J., Kulbacka J., Chwiłkowska A.: Effects of photosensitization of curcumin in human glioblastoma multiforme cells. *In vivo*, 2019, 33(6):1857-1864, **IF 1,609 (40 pkt MNiSW)**
54. Kisielow P.: How does the immune system learn to distinguish between good and evil? The first definitive studies of T cell central tolerance and positive selection. *Immunogenetics*, 2019, 71(8-9):513-518, **IF 2,492 (70 pkt MNiSW)**
55. Klejborowska G., Jędrzejczyk M., Stępczyńska N., Maj E., Wietrzyk J., Huczyński A.: Antiproliferative activity of ester derivatives of monensin A at the C-1 and C-26 positions. *Chemical Biology & Drug Design*, 2019;94:1859–1864, **IF 2,256 (70 pkt MNiSW)**
56. Klejborowska G., Urbaniak A., Preto J., Maj E., Moshari M., Wietrzyk J., Tuszyński J.A., Chambers T.C., Huczyński A.: Synthesis, biological evaluation and molecular docking studies of new amides of 4-bromothiocolchicine as anticancer agents. *Bioorganic & Medicinal Chemistry*, 2019, 27(23):115144, **IF 2,802 (70 pkt MNiSW)**
57. Klimczak A., Kozlowska U., Sanford J., Walczak P., Małysz-Cymborska I., Kurpisz M.: Immunological characteristics and properties of glial restricted progenitors of mice, canine primary culture suspensions, and human QSV40 immortalized cell lines for prospective therapies of neurodegenerative disorders. *Cell Transplant*, 2019, 28(9-10):1140-1154, **IF 3,477 (70 pkt MNiSW)**
58. Klimczak A., Suchnicki K., Sędzimirska M., Lange A.: Diverse activity of IL-17+ cells in chronic skin and mucosa graft-versus-host disease. *Arch Immunol Ther Exp (Warsz)*, 2019, 67(5):311-323, **IF 2,878 (70 pkt MNiSW)**
59. Kłopotowska D., Matuszyk J., Wietrzyk J.: Steroid hormone calcitriol and its analog tacalcitol inhibit miR-125b expression in a human breast cancer MCF-7 cell line. *Steroids*, 2019, 141:70-75, **IF 2,136 (70 pkt MNiSW)**
60. Kociuba M., Chakraborty R., Ignasiak Z., Koziel S.: Digit ratio (2D:4D) moderates the changes in handgrip strength on an aggressive stimulus: A study among Polish young adults. *Early Human Development*, 2019, 128:62-68, **IF 1,853 (70 pkt MNiSW)**
61. Kotowska M., Świat M., Zaręba-Pasławska J., Jaworski J., Pawlik K.: A GntR-like transcription factor HypR regulates expression of genes associated with L-hydroxyproline utilization in *Streptomyces coelicolor* A3(2). *Front Microbiol*, 2019, 10:1451, **IF 4,259 (100 pkt MNiSW)**
62. Koziel S., Gomula A., Malina R.M.: Sex-dependent effect of post-migration adaptation on height and relative lower leg length in Polish youth. *Annals of Human Biology*, 2019, 46:27-34, **IF 1,588 (40 pkt MNiSW)**

63. Koziel S., Ignasiak Z., Żądzińska E.: Exposure to parental smoking during pregnancy and handgrip strength in 7-10-year old children. *Early Human Development*, 2019, 134:7-11, **IF 1,853 (70 pkt MNiSW)**
64. Koziel S., Zaręba M., Bielicki T., Scheffler C., Hermanussen M.: Social mobility of the father influences child growth. A three generation study. *American Journal of Human Biology*, 2019, e23270, 1-9, **IF 1,438 (70 pkt MNiSW)**
65. Kozlowska U., Krawczenko A., Futoma K., Jurek T., Rorat M., Patrzalek D., Klimczak A.: Similarities and differences between mesenchymal stem/progenitor cells derived from various human tissues. *World J Stem Cells*, 2019, 11(6):347-374, **IF 3,534 (100 pkt MNiSW)**
66. Krzyżek P., Franiczek R., Krzyżanowska B., Łaczmański Ł., Migdał P., Gościniak G.: *In vitro* activity of 3-bromopyruvate, an anticancer compound, against antibiotic-susceptible and antibiotic-Resistant *Helicobacter pylori* strains. *Cancers*, 2019, 11(2):229, **IF 6,162 (140 pkt MNiSW)**
67. Krzyżek P., Franiczek R., Krzyżanowska B., Łaczmański Ł., Migdał P., Gościniak G.: *In vitro* activity of sertraline, an antidepressant, against antibiotic-susceptible and antibiotic-resistant *Helicobacter pylori* strain. *Pathogens*, 2019, 8(4):228, **IF 3,405 (100 pkt MNiSW)**
68. Kuś A., Radziszewski M., Glina A., Szymański K., Jurecka-Lubieniecka B., Pawlak-Adamska E., Kula D., Wawrusiewicz-Kuryłonek N., Kuś J., Miśkiewicz P., Płoski R., Bolanowski M., Daroszewski J., Jarząb B., Bossowski A., Bednarczuk T.: Paediatric-onset and adult-onset Graves' disease share multiple genetic risk factors. *Clin Endocrinol (Oxf)*, 2019, 90(2):320-327, **IF 2,897 (100 pkt MNiSW)**
69. Kuśnierszyk P., Stratikos E.: Endoplasmic reticulum aminopeptidases as a double-faced tool to increase or decrease efficiency of antigen presentation in health and disease. *Hum Immunol*, 2019, 80:277-280, **IF 2,202 (70 pkt MNiSW)**
70. Lange A., Borowik A., Lange J., Dlubek D., Jaskuła E.: Fifteen-year follow-up of patients with critical limb ischaemia after local cellular therapy: the long-term positive effect is due to the presence of CD45- CD34- and CD34+ cells in the inoculum. *Clin Med (Lond)*, 2019, 19(3):88, **IF 2,046 (40 pkt MNiSW)**
71. Lemieszewska M., Zabłocka A., Rymaszewska J.: Choroba Parkinsona – etiopatogeneza, podłożę molekularne i potencjalne możliwości terapii. *Postępy Higieny i Medycyny Doświadczalnej*, 2019, 73:256-268, **IF 1,106 (40 pkt MNiSW)**
72. Lisowska M., Milczarek M., Ciekot J., Kutkowska J., Hildebrand W., Rapak A., Miazek A.: An antibody specific for the dog leukocyte antigen DR (DLA-DR) and its novel methotrexate conjugate inhibit the growth of canine B cell lymphoma. *Cancers*, 2019, 11(10):1438, **IF 6,162 (140 pkt MNiSW)**
73. Li Y., Liu S., Hong C., Ma Q., Tan F., Liu C., Kuśnierszyk P.: The association of HLA/KIR genes with non-small cell lung cancer (adenocarcinoma) in a Han Chinese population. *Journal of Cancer*, 2019, 10:4731-4738, **IF 3,182 (70 pkt MNiSW)**
74. Lorek D., Kedzierska A.E., Slawek A., Chelmonska-Soyta A.: Expression of Toll-like receptors and costimulatory molecules in splenic B cells in a normal and abortion-prone murine pregnancy model. *American Journal of Reproductive Immunology*, 2019, 82:e13148, **IF 3,091 (100 pkt MNiSW)**
75. Łaczmański Ł., Łaczmańska I., Lwow F.: Association of select vitamin D receptor gene polymorphisms with the risk of tobacco-related cancers - a meta-analysis. *Sci Rep*, 2019, 9(1):16026, **IF 4,011 (100 pkt MNiSW)**
76. Łukasik E., Nowak I., Czerwinski M., Waśniowska K.: Duffy blood group system - the frequency of Duffy antigen polymorphisms and novel mutations in the Polish population. *Transfus Apher Sci*, 2019, 58:156-161, **IF 1,412 (40 pkt MNiSW)**

77. Mackiewicz B., Dutkiewicz J., Siwiec J., Kucharczyk T., Siek E., Wójcik-Fatla A., Cholewa G., Cholewa A., Paściak M., Pawlik K., Szponar B., Milanowski J.: Acute hypersensitivity pneumonitis in woodworkers caused by the inhalation of birch dust contaminated with *Pantoea agglomerans* and *Microbacterium barkeri*. *Annals of Agricultural and Environmental Medicine*, 2019, 26(4):644-655, **IF 1,030 (70 pkt MNiSW)**
78. Maj E., Trynda J., Maj B., Gębura K., Bogunia-Kubik K., Chodyński M., Kutner A., Wietrzyk J.: Differential response of lung cancer cell lines to vitamin D derivatives depending on EGFR, KRAS, p53 mutation status and VDR polymorphism. *J. Steroid Biochem Mol Biol*, 2019, 193:105431, **IF 3,785 (100 pkt MNiSW)**
79. Majewska J., Kaźmierczak Z., Lahutta K., Lecion D., Szymczak A., Miernikiewicz P., Drapała J., Harhala M., Marek-Bukowiec K., Jędruchniewicz N., Owczarek B., Górska A., Dąbrowska K.: Induction of phage-specific antibodies by two therapeutic staphylococcal bacteriophages administered per os. *Frontiers in Immunology*, 2019, 10:2607, **IF 4,716 (140 pkt MNiSW)**
80. Majoreczyk E., Wiśniewski A., Zoń-Giebel A., Chlebicki A., Wiland P., Kuśnierzycy P.: The effect of LILRB1 but not LILRA3 gene polymorphism in immunopathology of ankylosing spondylitis – A paralel of KIR genes. *Int J Immunogenet*, 2019, 46(3):146-151, **IF 1,031 (40 pkt MNiSW)**
81. Majoreczyk E., Zoń-Giebel A., Chlebicki A., Nowak I., Wiland P., Kuśnierzycy P.: Do KIR genes impact on a susceptibility to ankylosing spondylitis in Polish patients? Czy geny KIR są związane z rozwojem zesztywniąjącego zapalenia stawów kręgosłupa u polskich pacjentów? *Postepy Hig Med Dosw*, 2019, 73:310-315, **IF 1,106 (40 pkt MNiSW)**
82. Malina R.M., Cumming S.P., Rogol A.D., Coelho-e-Silva M.J., Figueiredo A.J., Konarski J.M., Koziel S.M.: Bio-banding in youth sports: background, concept, and application. *Sports Medicine*, 2019, 49:1671-1685, **IF 7,583 (200 pkt MNiSW)**
83. Mantonosyan M., Seersholtz F.V., Grealy A.C., Barham M., Werndly D., Margaryan A., Cieślik A., Stafford T.W., Allentoft M.E., Bunce M., Yepiskoposyan L.: Ancient DNA shows high faunal diversity in the Lesser Caucasus during the Late Pleistocene. *Quaternary Sciences Reviews*, 2019, 219:102-111, **IF 4,641 (100 pkt MNiSW)**
84. Matusewicz L., Filip-Psurska B., Psurski M., Tabaczar S., Podkalicka J., Wietrzyk J., Ziółkowski P., Czogalla A., Sikorski A.F.: EGFR-targeted immunoliposomes as a selective delivery system of simvastatin, with potential use in treatment of triple-negative breast cancers. *Int J Pharm*, 2019, 569, 118605, **IF 4,213 (100 pkt MNiSW)**
85. Michalski M., Świerzko A.S., Sawicki S., Kałużyński A., Łukasiewicz J., Maciejewska A., Wydra D., Cedzyński M.: Interactions of ficolin-3 with ovarian cancer cells. *Immunobiology*, 2019, 224(2):316-324, **IF 2,798 (100 pkt MNiSW)**
86. Mieczkowski A., Kierozalska A., Bialek-Pietras M., Goszczyński T.M., Janczak S., Olejniczak A.B., Studzinska M., Paradowska E., Leśnikowski Z.J.: Comparative study of inorganic, boron-rich cluster and organic, phenyl adenosine modifications: synthesis and properties. *Future Med Chem*, 2019, 11:1267-1284, **IF 3,617 (100 pkt MNiSW)**
87. Mieszała M., Jennings H.J., Drab M., Gamian A.: Conjugation of meningococcal lipooligosaccharides through their non-reducing terminus results in improved induction a protective immune response. *Arch Immunol Ther Exp (Warsz)*, 2019, 67(4):237-248, **IF 2,878 (70 pkt MNiSW)**
88. Milczarek M., Rossowska J., Kłopotowska D., Stachowicz M., Kutner A., Wietrzyk J.: Tacalcitol increases the sensitivity of colorectal cancer cells to 5-fluorouracil by downregulating the thymidylate synthase. *Journal of Steroid Biochemistry and Molecular Biology*, 2019, 190:139-151, **IF 3,785 (100 pkt MNiSW)**

89. Morzyk-Ociepa B., Szmigel-Bakalarz K., Nentwig M., Oeckler O., Malik-Gajewska M., Turlej E., Wietrzyk J., Michalska D.: Platinum(II) and copper(II) complexes of 7-azaindole-3-carboxaldehyde: crystal structures, IR and Raman spectra, DFT calculations and *in vitro* antiproliferative activity of the platinum(II) complex. *Inorganica Chimica Acta*, 2019, 490:68-77, **IF 2,433 (70 pkt MNiSW)**
90. Nasulewicz-Goldeman A., Goldeman W., Mrówczyńska E., Wietrzyk J.: Biological effects of aromatic bis[aminomethylidenebis(phosphonic)] acids in osteoclast precursors *in vitro*. *Chem Biol Drug Des*, 2019, 94(4):1835-1848, **IF: 2,256 (70 pkt MNiSW)**
91. Niecuja-Dwojacka J., Borowska-Strugińska B., Janiszewska A., Koziel S.: Influence of socioeconomic factors during adolescence on the menarche age in Central Poland girls. *Anthropologischer Anzeiger*, 2019, 76:29-35, **IF 0,577 (70 pkt MNiSW)**
92. Niedziałkowski P., Czaczik E., Jarosz J., Weisło A., Białobrzeska W., Wietrzyk J., Ossowski T.: Synthesis and electrochemical, spectral, and biological evaluation of novel 9,10-anthraquinone derivatives containing piperidine unit as potent antiproliferative agents. *Journal of Molecular Structure*, 2019, 1175:488-495, **IF 2,120 (70 pkt MNiSW)**
93. Niepiekło-Miniewska W., Mpakali A., Stratikos E., Matusiak Ł., Narbutt J., Lesiak A., Kuna P., Wilczyńska K., Nowak I., Wiśniewski A., Zwolińska K., Ponińska J., Płoski R., Szepietowski J.C., Kuśnierzycy P.: Endoplasmic reticulum aminopeptidase 1 polymorphism Ile276Met is associated with atopic dermatitis and affects the generation of an HLA-C associated antigenic epitope *in vitro*. *J Eur Acad Dermatol Venereol*, 2019, 33:906-911, **IF 5,113 (140 pkt MNiSW)**
94. Nowak-Szczepańska N., Gomula A., Koziel S.: Mid-upper arm circumference and body mass index as different screening tools of nutritional and weight status in Polish schoolchildren across socio-political changes. *Scientific Reports*, 2019, 9:1-7, **IF 4,011 (100 pkt MNiSW)**
95. Nowińska K., Ciesielska U., Piotrowska A., Jabłońska K., Partyńska A., Paprocka M., Zatoński T., Podhorska-Okołów M., Dzięgiel P.: MCM5 expression is associated with the grade of malignancy and Ki-67 antigen in LSCC. *Anticancer Research*, 2019, 39(5):2325-2335, **IF 1,935 (70 pkt MNiSW)**
96. Oliveira H., Bednarkiewicz A., Falk A., Fröhlich E., Lisjak D., Prina-Mello A., Resch S., Schimpel C., Vrček I.V., Wysokińska E., Gorris H.H.: Critical considerations on the clinical translation of upconversion nanoparticles (UCNPs): Recommendations from the European Upconversion Network (COST Action CM1403). *Adv Healthc Mater*, 2019, 8, 1:2019, e1801233, **IF 6,270 (140 pkt MNiSW)**
97. Paprocka R., Modzelewska-Banachiewicz B., Pazderski L., Mazur L., Kutkowska J., Niedzielska D., Psurski M., Wietrzyk J., Sączewski J.: Synthesis, crystal structure, 1H, 13C and 15N NMR studies, and biological evaluation of a new amidrazone-derived Au(III) complex. *Journal of Molecular Structure*, 2019, 1176:357-365, **IF 2,120 (70 pkt MNiSW)**
98. Piechowska K., Świtalska M., Cytarska J., Jaroch K., Łuczykowski K., Chałupka J., Wietrzyk J., Misiura K., Bojko B., Kruszewski S., Łączkowski K.Z.: Discovery of tropinone-thiazole derivatives as potent caspase 3/7 activators, and noncompetitive tyrosinase inhibitors with high antiproliferative activity: Rational design, one-pot tricomponent synthesis, and lipophilicity determination. *Eur J Med Chem*, 2019, 175:162-171, **IF 4,833 (140 pkt MNiSW)**
99. Piestrzyńska M., Dominik M., Kosiel K., Janczuk-Richter M., Szot-Karpińska K., Brzozowska E., Shaoe L., Niedziółka-Jonsson J., Bock W.J., Śmietanaa M.: Ultrasensitive tantalum oxide nano-coated long-period gratings for detection of various

biological targets, *Biosensors & Bioelectronics*, 2019, 133:8-15, **IF 9,518 (140 pkt MNiSW)**

100. Płachetka M., Żyła-Uklejewicz D., Weigel C., Donczew R., Donczew M., Jakimowicz D., Zawilak-Pawlak A., Zakrzewska-Czerwinska J.: Streptomycte origin of chromosomal replication with two putative unwinding elements. *Microbiology - SGM*, 2019, 165(12):1365-1375, **IF 1,922 (70 pkt MNiSW)**
101. Podbielska M., Szulc Z.M., Kurowska E., Hogan E.L., Bielawski J., Bielawska A., Bhat N.R.: Cytokine-induced release of ceramide-enriched exosomes as a mediator of cell death signaling in an oligodendrogloma cell line. *J. Lipid Res.* Virtual Issue: „Solving the enigma of the sphinx, one sphingolipid at a time”. edytor - Rotonya Carr, 2019, **IF 4,743 (140 pkt MNiSW)**
102. Porshneva K., Papiernik D., Psurski M., Łupicka-Słowik A., Matkowski R., Ekiert M., Nowak M., Jarosz J., Banach J., Milczarek M., Goszczyński T.M., Sieńczyk M., Wietrzyk J.: Temporal inhibition of mouse mammary gland cancer metastasis by CORM-A1 and DETA/NO combination therapy. *Theranostics*, 2019, 9(13):3918-3939, **IF 8,063 (140 pkt MNiSW)**
103. Przybylski M., Dzieciątkowski T., Borysowski J., Międzybrodzki R., Górski A.: Inhibitory effects of bacteriophage preparations on adenoviral replication. *Intervirology*, 2019, 2019:1-8, **IF 0,873 (40 pkt MNiSW)**
104. Przybył A.K., Maj E., Wietrzyk J., Kubicki M.: Spectroscopic, structural and anticancer activity studies of (–)-cytisine halogenated *N*-benzyl derivatives. *Journal of Molecular Structure*, 2019, 1176:871-880, **IF 2,120 (70 pkt MNiSW)**
105. Przystupski D., Górska A., Rozborska P., Bartosik W., Michel O., Rossowska J., Szewczyk A., Drag-Zalesińska M., Kasperkiewicz P., Górska J., Kulbacka J.: The cytoprotective role of antioxidants in mammalian cells under rapidly varying UV conditions during stratospheric balloon campaign, *Frontiers in Pharmacology*, 2019, 10:851, **IF 3,845 (100 pkt MNiSW)**
106. Psurski M., Filip-Psurska B., Cuprych M., Wietrzyk J., Oleksyszyn J.: 3,4-dimethoxybenzyl isothiocyanate enhances doxorubicin efficacy in LoVoDX doxorubicin-resistant colon cancer and attenuates its toxicity *in vivo*. *Life Sciences*, 2019, 231:116530, **IF 3,448 (70 pkt MNiSW)**
107. Psurski M., Łupicka-Słowik A., Adamczyk-Woźniak A., Wietrzyk J., Sporzyński A.: Discovering simple phenylboronic acid and benzoxaborole derivatives for experimental oncology - phase cycle-specific inducers of apoptosis in A2780 ovarian cancer cells. *Invest New Drugs*, 2019, 37(1):35-46, **IF 2,663 (100 pkt MNiSW)**
108. Razim A., Pacyga K., Martirosian G., Szuba A., Gamian A., Myc A., Górska S.: Mapping epitopes of a novel peptidoglycan cross-linking enzyme Cwp22 recognized by human sera obtained from patients with *Clostridioides difficile* infection and cord blood. *Microorganisms*, 2019, 7(11), **IF 4,167 (20 pkt MNiSW)**
109. Rossowska J., Anger N., Wegierek K., Szczygieł A., Mierzejewska J., Milczarek M., Szermer-Olearnik B., Pajtasz-Piasecka E.: Antitumor potential of extracellular vesicles released by genetically modified murine colon carcinoma cells with overexpression of interleukin-12 and shRNA for TGF-β1. *Frontiers in Immunology*, 2019, 10:211, **IF 4,716 (140 pkt MNiSW)**
110. Roszkowiak J., Jajor P., Guła G., Gubernator J., Żak A., Drulis-Kawa Z., Augustyniak D.: Interspecies outer membrane vesicles (OMVs) modulate the sensitivity of pathogenic bacteria and pathogenic yeasts to cationic peptides and serum complement. *Int J Mol Sci*, 2019, 20(22), 5577, **IF 4,183 (100 pkt MNiSW)**
111. Rotko G., Cichos J., Wysokińska E., Karbowiak M., Kałas W.: Towards biocompatible NIR-II nanoprobes - transfer of hydrophobic Ag2S quantum dots to aqueous solutions

- using phase transfer catalysed hydrolysis of poly(maleic anhydride-alt-1-octadecene). *Colloids Surf B Biointerfaces*, 2019, 181, 119-124, **IF 3,973 (100 pkt MNiSW)**
112. Siennicka A., Quintana D., Fedurek P., Wijata A., Paleczny B., Ponikowska B., Danel D.: Resting heart rate variability, attention and attention maintenance in young adults. *International Journal of Psychophysiology*, 2019, 143:126–131, **IF 2,407 (100 pkt MNiSW)**
113. Skulska K., Wegrzyn A.S., Chelmonska-Soyta A., Chodaczek G.: Impact of tissue enzymatic digestion on analysis of immune cells in mouse reproductive mucosa with a focus on gammadelta T cells. *Journal of Immunological Methods*, 2019, 474, 12665, **IF 1,913 (70 pkt MNiSW)**
114. Sobieszczańska B., Pawłowska B., Duda-Madej A., Pawlik K., Wiśniewski J., Grzegrzółka J., Turniak M., Walczuk U., Gamian A.: Effect of amyloid curli fibrils and curli CsgA monomers from *Escherichia coli* on *in vitro* model of intestinal epithelial barrier stimulated with cytokines. *Int J Med Microbiol*, 2019, 309(5):274-282, **IF 3,362 (100 pkt MNiSW)**
115. Sochocka M., Donskow-Łysoniewska K., Diniz B.S., Kurpas D., Brzozowska E., Leszek J.: The gut microbiome alterations and inflammation-driven pathogenesis of Alzheimer's Disease – a critical review. *Mol Neurobiol*, 2019, 56(3):1841-1851, **IF 4,586 (100 pkt MNiSW)**
116. Sochocka M., Ochnik M., Sobczyński M., Siemieniec I., Orzechowska B., Naporowski P., Leszek J.: New therapeutic targeting of Alzheimer's disease with the potential use of proline-rich polypeptide complex to modulate an innate immune response - preliminary study. *J Neuroinflammation*, 2019, 16:137, **IF 5,700 (100 pkt MNiSW)**
117. Sochocka M., Sobczyński M., Ochnik M., Zwolińska K., Leszek J.: Hampering herpesviruses HHV-1 and HHV-2 infection by extract of *Ginkgo biloba* (EGb) and its phytochemical constituents. *Frontiers in Microbiology*, 2019, 10:2367, **IF 4,259 (100 pkt MNiSW)**
118. Sordon S., Popłoński J., Milczarek M., Stachowicz M., Tronina T., Kucharska A.Z., Wietrzyk J., Huszcza E.: Structure - antioxidant - antiproliferative activity relationships of natural C7 and C7-C8 hydroxylated flavones and flavanones. *Antioxidants*, 2019, 8(7):210, **IF 4,520 (100 pkt MNiSW)**
119. Sozański T., Kucharska A.Z, Wiśniewski J., Fleszar M.G., Rapak A., Gomułkiewicz A., Dzięgiel P., Magdalán J., Nowak B., Szumny D., Matuszewska A., Piórecki N., Szeląg A., Trocha M.: The iridoid loganic acid and anthocyanins from the cornelian cherry (*Cornus mas L.*) fruit increase the plasma l-arginine/ADMA ratio and decrease levels of ADMA in rabbits fed a high-cholesterol diet. *Phytomedicine*, 2019, 52:1-11, **IF 4,180 (100 pkt MNiSW)**
120. Stembalska A., Klapeci J., Pławski A., Karpinski P.: *In-silico* analysis of Thr767Ile pathogenic variant in the MSH6 gene in family with endometrial cancer. *Eur J Obstet Gynecol Reprod Biol*, 2019, 238:54-57, **IF 2,024 (70 pkt MNiSW)**
121. Stompor M., Świtalska M., Bajek A., Wietrzyk J.: Influence of amide versus ester linkages on the anticancer properties of the new flavone-biotin conjugates. *Z Naturforsch C*, 2019;74(7-8):193-200, **IF 1,000 (40 pkt MNiSW)**
122. Sulborska A., Horecka B., Cebrat M., Kowalczyk M., Skrzypek T.H., Kazimierczak W., Trytek M., Borsuk G.: Microsporidia *Nosema* spp . – obligate bee parasites are transmitted by air. *Scientific Reports*, 2019, 9(1):14376 **IF 4,011 (100 pkt MNiSW)**
123. Świętnicki W., Brzozowska E.: *In silico* analysis of bacteriophage tail tubular proteins suggests a putative sugar binding site and a catalytic mechanism. *J Mol Graph Model*, 2019, 92:8-16, **IF 1,863 (70 pkt MNiSW)**

124. Świętnicki W., Czarny A., Antkowiak Ł., Zaczynska E., Kołodziejczak M., Sycz J., Stachowicz Ł., Alicka M., Marycz K.: Identification of a potent inhibitor of type II secretion system from *Pseudomonas aeruginosa*. *Biochemical and Biophysical Research Communications (BBRC)*, 513(3):688-693, **IF 2,705 (100 pkt MNiSW)**
125. Tarasiuk K., Holec-Gąsior L., Ferra B., Rapak A.: The development of an indirect ELISA for the detection of goose parvovirus antibodies using specific VP3 subunits as the coating antigen. *BMC Vet Res*, 2019, 15, 1 274, **IF 1,792 (100 pkt MNiSW)**
126. Van Belleghem J., Dąbrowska K., Vaneechoutte M., Barr J., Bollyky P.: Interactions between bacteriophage, bacteria, and the mammalian immune system. *Viruses*, 2019, 11(1):10, **IF 3,811 (100 pkt MNiSW)**
127. Walski T., Dąbrowska K., Drohomirecka A., Żuk N., Trochanowska-Pauk N., Witkiewicz W., Komorowska M.: The effect of red-to-near-infrared (R/NIR) irradiation on inflammatory processes. *International Journal of Radiation Biology*, 2019, 95(9):1326-1336, **IF 2,266 (70 pkt MNiSW)**
128. Wanecka A., Król J., Twardoń J., Mrowiec J., Korzeniowska-Kowal A., Wzorek A.: Efficacy of MALDI-TOF mass spectrometry as well as genotypic and phenotypic methods in identification of staphylococci other than *Staphylococcus aureus* isolated from intramammary infections in dairy cows in Poland. *J Vet Diagn Invest*, 2019:1040638719845423, **IF 1,174 (100 pkt MNiSW)**
129. Wang N., Świtalska M., Wang L., Shaban E., Hossain M.I., El Tantawy El Sayed I., Wietrzyk J., Inokuchi T.: Structural modifications of nature-inspired indoloquinolines: A mini review of their potential antiproliferative activity. *Molecules*, 2019, 24(11):2121, **IF 3,060 (100 pkt MNiSW)**
130. Wawrzyńska M., Duda M., Wysokińska E., Strządała L., Biały D., Ulatowska-Jarża A., Kałas W., Kraszewski S., Pasławski R., Biernat P., Pasławska U., Zielonka A., Podbielska H., Kopaczyńska M.: Functionalized CD133 antibody coated stent surface simultaneously promotes EPCs adhesion and inhibits smooth muscle cell proliferation-A novel approach to prevent in-stent restenosis. *Colloids Surf B Biointerfaces*, 2019, 174:587-597, **IF 3,973 (100 pkt MNiSW)**
131. Wercigroch-Walkosz K., Cichos J., Wysokińska E., Rotko G., Kałas W., Karbowiak M.: Near-Infrared Ag2S quantum dots loaded in phospholipid nanostructures: Physical properties, stability and cytotoxicity. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 2019, 579, 123631, **IF 3,131 (70 pkt MNiSW)**
132. Wilczyńska K., Wiśniewski A., Malinowski A., Barcz E., Wilczyński J.R., Kuśnierszyk P., Nowak I.: ERAP, KIR and HLA-C gene interaction in susceptibility to recurrent spontaneous abortion in the Polish population. *Hum Immunol*, 2019, 80:344-348, **IF 2,202 (70 pkt MNiSW)**
133. Wiśniewski A., Kasprzyk S., Majarczyk E., Nowak I., Wilczyńska K., Chlebicki A., Zoń-Giebel A., Kuśnierszyk P.: ERAP1-ERAP2 haplotypes are associated with ankylosing spondylitis in Polish patients. *Hum Immunol*, 2019, 80: 339-343, **IF 2,202 (70 pkt MNiSW)**
134. Woszczyk D., Partyka A., Kielbinski M., Frydecka I., Krarabon L.: Study of ICOS gene polymorphisms associations with the risk and clinical course of multiple myeloma. *Postępy Higieny i Medycyny Doswiadczałnej*, 2019, 73:165-172, **IF 1,106 (40 pkt MNiSW)**
135. Wysoczanska B., Dratwa M., Gebura K., Mizgala J., Mazur G., Wrobel T., Bogunia-Kubik K.: Variability within the human TERT gene, telomere length and predisposition to chronic lymphocytic leukemia. *Onco Targets Ther*, 2019, 12:4309-4320, **IF 3,046 (70 pkt MNiSW)**

136. Wysokińska E., Cichos J., Kowalczyk A., Karbowiak M., Strządała L., Bednarkiewicz A., Kałas W. Toxicity mechanism of low doses of NaGdF₃:Yb³⁺,Er³⁺ upconverting nanoparticles in activated macrophage cell lines. *Biomolecules*, 2019, 9, 1, IF **4,694 (100 pkt MNiSW)**
137. Yang H., Gong Y., Zhang H., Etobayeva I., Miernikiewicz P., Luo D., Li X., Zhang X., Dąbrowska K., Nelson D.C., He J., Wei H.: ClyJ, a novel pneumococcal chimeric lysin with a CHAP catalytic domain. *Antimicrobial Agents and Chemotherapy*, 2019, 63(4):e02043-18, IF **4,715 (140 pkt MNiSW)**
138. Yehuda L., Kozieł S., Friger M.: Association between the onset age of puberty and parental height. *Plos ONE*, 2019, 14:e0211334, IF **2,776 (100 pkt MNiSW)**
139. Zarzecka U., Harrer A., Zawilak-Pawlak A., Skórko-Gloniek J., Backert S.: Chaperone activity of serine protease HtrA of *Helicobacter pylori* as a crucial survival factor under stress conditions. *Cell Communication and Signaling*, 2019, 17(1):161, IF **5,111 (140 pkt MNiSW)**
140. Zarzecka U., Modrak-Wójcik A., Figaj D., Apanowicz M., Lesner A., Bzowska A., Lipinska B., Zawilak-Pawlak A., Backert S., Skorko-Gloniek J.: Properties of the HtrA protease from bacterium *Helicobacter pylori* whose activity is indispensable for growth under stress conditions. *Front Microbiol*, 2019, 10:961, IF **4,259 (100 pkt MNiSW)**
141. Zawilak-Pawlak A., Zarzecka U., Żyła-Uklejewicz D., Lach J., Strapagiel D., Tegtmeyer N., Böhm M., Backert S., Skorko-Gloniek J.: Establishment of serine protease htrA mutants in *Helicobacter pylori* is associated with secA mutations. *Sci Rep*, 2019, 9(1):11794, IF **4,011 (100 pkt MNiSW)**
142. Zdziarski P., Gamian A.: Lymphoid interstitial pneumonia in common variable immune deficiency - case report with disease monitoring in various therapeutic options: Pleiotropic effects of Rituximab regimens. *Front Pharmacol*, 2019, 9:1559, IF **3,845 (100 pkt MNiSW)**
143. Ziolkiewicz A., Wichary S., Jasienska G.: Cognitive costs of reproduction: life-history trade-offs explain cognitive decline during pregnancy in women. *Biological Reviews*, 2019, 94(3):1105-1115, IF **10,288 (200 pkt MNiSW)**

Prace opublikowane w czasopismach z grupy B (bez współczynnika wpływu) i inne:

1. Artym J.: Colostrum bydlęce w profilaktyce i leczeniu chorób żołądka i jelit. Część I. Naturoterapia w praktyce, 2019, nr 12 (kwiecień-maj): 32-42.
2. Artym J.: Colostrum bydlęce w profilaktyce i leczeniu chorób żołądka i jelit. Część II. Naturoterapia w praktyce, 2019, nr 13 (czerwiec-lipiec): 56-64
3. Behzadi P., Behzadi E., Pawlak-Adamska E.: Urinary tract infections (UTIs) or genital tract infections (GTIs)? It's the diagnostics that count. *GMS Hyg Infect Control*, 2019, t. 18 **(20 pkt MNiSW)**
4. Blachel M., Górska-Dynysiewicz J., Żurawska-Płaksej E., Kłopotowska D.: Witamina D – sprzymierzeniec w walce z nowotworami. *Farm Pol*, 2019, 75(8):457-463 **(20 pkt MNiSW)**
5. Bogunia-Kubik K.: 20 years of HLA Proficiency Testing For Central and East Europe. *EFI Newsletter* 2019; 88: 25-27
6. Czerwiński M., Glensk U.: Mikroskopów nie trzyma się w szafie. O dokonaniach Ludwika Hirszfelda. *Kosmos*, 2019, 68:145-156 **(5 pkt MNiSW)**
7. Lian C., Piksa M., Yoshida K., Persheyev S., Pawlik K., Matczyszyn K., Samuel I.D.W.: Flexible organic light-emitting diodes for antimicrobial photodynamic therapy. *npj Flex Electron*, 2019, 3, 18

8. Mora-Sánchez A., Aguilar-Salvador D-I., Nowak I.: Towards a gamete matching platform: using Immunogenetics and artificial intelligence to predict recurrent miscarriage. *NPJ Digital Medicine*, 2019, 2:12 (**20 pkt MNiSW**)
9. Nieczuja-Dwojcka J., Borowska B., Janiszewska A., Kozieł S.: Socioeconomic factors and lifestyle effecting the variability of menstrual cycle characteristics in women from Central Poland. *Anthropological Review*, 2019, 82(4):327-338 (**40 pkt MNiSW**)
10. Pełczyńska M., Milczarek M., Maciejewska M., Wietrzyk J.: The influence TENS H current over proliferation of cancer cells depending on the intensity in *in vitro* assay. *Acta Balneol*, 2019, TOM LXI, Nr 3(157), 2019:213-216 (**20 pkt MNiSW**)
11. Siniarska A., Nieczuja-Dwojcka J., Kozieł S.: Body proportion of 6-18-year-old children in Merida, Mexico. *Anthropological Review*, 2019, 82:273-285 (**40 pkt MNiSW**)
12. Sławeta R., Górski A.: Zanim powstała KEN. *Forum Akademickie*, Rok XXVI, Nr 10 (311) Październik 2019, str. 43-45.
13. Sorokowski P., Kowal M., Badyna P., Niemczyk A., Karwowski M., Kozieł S.: Testing the Trivers-Willard Hypothesis on Polish king and dukes. *Anthropological Review*, 2019, 82(4): 397-404 (**40 pkt MNiSW**)

Rozdziały w książce opublikowane:

1. Borysowski J., Górski A.: Ethics of phage therapy. [w:] Górski A., Międzybrodzki R., Borysowski J. (red.): Phage Therapy: A practical approach, Springer International Publishing, 1st ed. 2019. ISBN: 978-3-030-26736-0, str. 379-385.
2. Cieślik A., 2019: Gródek upon the Bug River, site 1A. Medieval cemetery at the hillfort ward. The results of the excavations in the years 1952-1955. Current state and prospects of research [w:] The early medieval settlement complex at Gródek upon the Bug River in the light of results from past research (1952-1955) [Wczesnośredniowieczny zespół osadniczy w Gródku nad Bugiem w świetle wyników badań dawnego (1952-1955)]. M. Wołoszyn (red.). U źródeł Europy środkowo-wschodniej/frühzeit ostmitteleuropas, t. 4, Kraków-Leipzig-Rzeszów-Warszawa, str. 931-942.
3. Cieślik A., 2019. The number and state of preservation of the skeletons from Gródek upon the Bug River, site 1A (excavations in the years 1952-1955) housed at the Ludwik Hirszfeld Institute of Immunology and Experimental Therapy, PAS In Wrocław. [w:] The early medieval settlement complex at Gródek upon the Bug River in the light of results from past research (1952-1955) [Wczesnośredniowieczny zespół osadniczy w Gródku nad Bugiem w świetle wyników badań dawnego (1952-1955)]. M. Wołoszyn (red.). U źródeł Europy środkowo-wschodniej/frühzeit ostmitteleuropas, t. 4, Kraków-Leipzig-Rzeszów-Warszawa, str. 943-964.
4. Frydecka I.: Czerwienica prawdziwa (PV). [w:] Interna Szczeklika 2019/20 Mały podręcznik, Medycyna Praktyczna, Wydanie XI ISBN 978-83-7430-569-3, str.1019-1023.
5. Frydecka I.: Nadpływkość samoistna (ET). [w:] Interna Szczeklika 2019/20 Mały podręcznik, Medycyna Praktyczna, Wydanie XI ISBN 978-83-7430-569-3, str. 1023-1026.
6. Frydecka I.: Pierwotne włóknienie szpiku (PMF, mielofibroza pierwotna). [w:] Interna Szczeklika 2019/20 Mały podręcznik, Medycyna Praktyczna, Wydanie XI ISBN 978-83-7430-569-3, str. 1026-1029.
7. Frydecka I.: Czerwienica prawdziwa (PV). [w:] Interna Szczeklika 2019, Medycyna Praktyczna, Wydanie w oprawie miękkiej ISBN 978-83-7430-568-6, str.1794-1798.
8. Frydecka I.: Nadpływkość samoistna (ET). [w:] Interna Szczeklika 2019, Medycyna Praktyczna, Wydanie w oprawie miękkiej ISBN 978-83-7430-568-6, str. 1798-1801.

9. Frydecka I.: Pierwotne włóknienie szpiku (mielofibroza pierwotna). [w:] Interna Szczeklika 2019, Medycyna Praktyczna, Wydanie w oprawie miękkiej ISBN 978-83-7430-568-6, str. 1801-1805.
10. Frydecka I.: Czerwienica prawdziwa (PV). [w:] Interna Szczeklika 2019, Medycyna Praktyczna, Wydanie w oprawie twardej ISBN 978-83-7430-591-4, str. 1794-1798.
11. Frydecka I.: Nadpłytkowość samoistna (ET). [w:] Interna Szczeklika 2019, Medycyna Praktyczna, Wydanie w oprawie twardej ISBN 978-83-7430-591-4, str. 1798-1801.
12. Frydecka I.: Pierwotne włóknienie szpiku (mielofibroza pierwotna). [w:] Interna Szczeklika 2019, Medycyna Praktyczna, Wydanie w oprawie twardej ISBN 978-83-7430-591-4, str. 1801-1805.
13. Matysiak M., Michalak H., Bobak Ł., Zabłocka A., Zambrowicz A.: Alternatywne metody izolacji yolkiny z żółtek jaj kurzych [w:] Badania i Rozwój Młodych Naukowców w Polsce. Nauki Przyrodnicze. Część IV. 2019, 18, 113-119, Wydawca: Młodzi Naukowcy
14. Van Belleghem J., Dąbrowska K., Vaneechoutte M., Barr J.J.: Phage interaction with the mammalian immune system. [w:] Górska A. Międzybrodzki R., Borysowski J. (red.): Phage Therapy: A practical approach, Springer International Publishing, 1st ed. 2019. ISBN: 978-3-030-26736-0, str. 91-122.
15. Żaczek M., Łusiak-Szelachowska M., Weber-Dąbrowska B., Międzybrodzki R., Fortuna W., Rogóż P., Letkiewicz S., Górska A.: Humoral immune response to phage-based therapeutics. [w:] Górska A. Międzybrodzki R., Borysowski J. (red.): Phage Therapy: A practical approach, Springer International Publishing, 1st ed. 2019. ISBN: 978-3-030-26736-0, str. 123-143.

Książki:

Górska A., Międzybrodzki R., Borysowski J. (red.): Phage Therapy: A practical approach, Springer International Publishing, 1st ed. 2019. ISBN: 978-3-030-26736-0.