# Ryszard S Romaniuk

List of Publications by Year
in descending order

| 343 papers | 5,977 citations | 430874<br>18 h-index | 79698<br>73 g-index |
| --- | --- | --- | --- |
| 344 all docs | 344 docs citations | 344 times ranked | 6172 citing authors |

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|---|---------|----|-----------| 
| 1 | KWANTOWA ALICJA I BOB. Elektronika, 2022, 1, 18-26. | 0.0 | 0 |
| 2 | KOMPONENTY INTERNETU KWANTOWEGO. Elektronika, 2022, 1, 20-28. | 0.0 | 0 |
| 3 | CBM Collaboration. Nuclear Physics A, 2021, 1005, 122089. | 1.5 | 0 |
| 4 | GBTX Emulation for BM@N/MPD Data Acquisition Systems. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 555. | 0.1 | 2 |
| 5 | QUANTUM 2.0. Elektronika, 2021, 1, 5-13. | 0.0 | 0 |
| 6 | INFORMACYJNE TECHNOLOGIE KWANTOWE. Elektronika, 2021, 1, 6-12. | 0.0 | 0 |
| 7 | KUBIT FIZYCZNY. Elektronika, 2021, 1, 22-29. | 0.0 | 0 |
| 8 | NIELOKALNOÅšÄ†. Elektronika, 2021, 1, 32-38. | 0.0 | 0 |
| 9 | NISQ. Elektronika, 2021, 1, 24-30. | 0.0 | 0 |
| 10 | ALGORYTMY NISQ. Elektronika, 2021, 1, 7-15. | 0.0 | 0 |
| 11 | KOREKCJA BÅÄ˜DÃ"W KWANTOWYCH. Elektronika, 2021, 1, 24-31. | 0.0 | 0 |
| 12 | SUPERPOZYCJA, KOHERENCJA, INTERFERENCJA I SPLÄ„TANIE KWANTOWE. Elektronika, 2021, 1, 25-32. | 0.0 | 0 |
| 13 | ZASTOSOWANIA FOTONIKI I INÅ»YNIERIA INTERNETU â€" WILGA 2021. Elektronika, 2021, 1, 22-27. | 0.0 | 0 |
| 14 | DEKOHERENCJA KWANTOWA. Elektronika, 2021, 1, 20-27. | 0.0 | 0 |
| 15 | KUBIT LOGICZNY. Elektronika, 2021, 1, 25-32. | 0.0 | 0 |
| 16 | Photonics applications and web engineering: WILGA 2021. , 2021, , . | | 0 |
| 17 | Conceptual design report of the MPD Cosmic Ray Detector (MCORD). Journal of Instrumentation, 2021, 16, P11035. | 1.2 | 1 |
| 18 | GBTX emulator for development and special versions of GBT-based readout chains. Journal of Instrumentation, 2021, 16, C12022. | 1.2 | 2 |

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| 20 | Development of optical fiber technology in Poland 2020. , 2020, , . | | 0 |
| 21 | Technology of infrared radiation polarizer. , 2020, , . | | 0 |
| 22 | The cosmic ray detector for the NICA collider. EPJ Web of Conferences, 2020, 239, 07004. | 0.3 | 0 |
| 23 | Optical absorption studies of (Ga0.1In0.9)2Se3 thin film. , 2020, , . | | 1 |
| 24 | MCORD - MPD Cosmic Ray Detector a new features. EPJ Web of Conferences, 2019, 204, 07016. | 0.3 | 4 |
| 25 | Wilga 2019 â€" Photonics Applications. Photonics Letters of Poland, 2019, 11, 35. | 0.4 | 1 |
| 26 | ROZWÃ"J TECHNIKI LASEROWEJ 2018. Elektronika, 2019, 1, 6-17. | 0.0 | 0 |
| 27 | Model of a telecommunication system for monitoring gas leaks from gas pipelines. , 2019, , . | | 0 |
| 28 | Development of optical fiber technology in Poland â€" 2018. , 2019, , . | | 0 |
| 29 | GBT oriented firmware for Data Processing Boards for CBM. , 2019, , . | | 1 |
| 30 | Superconductivity and particle accelerators 2018: SPAS'2018 conference overview. , 2019, , . | | 0 |
| 31 | Development of particle accelerator technology in Europe: digest of infrastructural and research projects. , 2019, , . | | 0 |
| 32 | Applying artificial intelligence for cellular networks optimization. , 2019, , . | | 0 |
| 33 | Fiber optic interface channels for united data and power supply transmission for neutral interaction application in signal transmission networks. , 2019, , . | | 0 |
| 34 | Front Matter: Volume 11176. , 2019, , . | | 0 |
| 35 | Structural organization of video informative systems on light-emitting diodes. , 2019, , . | | 0 |
| 36 | Photonics applications and web engineering: WILGA 2019. , 2019, , . | | 0 |

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| 37 | Analysis of electrical patterns activity in artificial multi-stable neural networks. , 2019, , . | | 0 |
| 38 | Method of data anomaly detection in the process of mobile applications installation. , 2019, , . | | 0 |
| 39 | Modelling of soft fault propagation in sequential circuits by fuzzy-logic simulations. , 2019, , . | | 0 |
| 40 | Soil organic carbon, macro- and micronutrient changes in soil fractions with different lability in response to crop intensification. Soil and Tillage Research, 2018, 181, 136-143. | 5.6 | 20 |
| 41 | Systemy elektroniczne dla toru odczytu danych w eksperymencie CBM. Elektronika, 2018, 1, 10-19. | 0.0 | 0 |
| 42 | The method of improving the dynamic range of jitter analyzers in optical-fiber transmission systems. , 2018, , . | | 0 |
| 43 | Methods and means of processing discrete information in networks with a high level of noise. , 2018, , . | | 0 |
| 44 | Widely parameterizable high-level synthesis. , 2018, , . | | 0 |
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| 49 | Implementation complexity analysis of the turbo decoding algorithms on digital signal processor. , 2018, , . | | 1 |
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| 53 | Development of optical fiber technology in Poland: 2017. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 54 | Design of versatile ASIC and protocol tester for CBM readout system. Journal of Instrumentation, 2017, 12, C02060-C02060. | 1.2 | 6 |

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| 56 | Photonics Applications and Web Engineering: WILGA 2017. , 2017, , . | | 1 |
| 57 | In-vivo monitoring of oxygen saturation in murine carcinoma during PDT by diode laser light diffuse reflectance. , 2017, , . | | 0 |
| 58 | Reference LED source of subnanosecond pulses of broadband optical radiation. , 2017, , . | | 1 |
| 59 | Offsetting, relations, and blending with perturbation functions. Proceedings of SPIE, 2017, , . | 0.8 | 12 |
| 60 | ARIES â€" Development of Accelerator Technology in Europe 2017-2020: Global and Local Consequences. International Journal of Electronics and Telecommunications, 2017, 63, 109-117. | 0.6 | 2 |
| 61 | Optimization of the compositions area of radiotransparent ceramic in the SrO-Al2O3-SiO2 system. Przeglad Elektrotechniczny, 2017, 1, 81-84. | 0.2 | 6 |
| 62 | Electro-optical system for the automated selection of dental implants according to their colour matching. Przeglad Elektrotechniczny, 2017, 1, 123-126. | 0.2 | 3 |
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| 66 | Processing laser beam images using parallel-hierarchical FPGA-based transformations. , 2017, , 129-145. | | 0 |
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| 68 | Opportunistic tri-band carrier aggregation in licensed spectrum for multi-operator 5G hetnet. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 69 | Efficiency of optical-electronic systems: methods application for the analysis of structural changes in the process of eye grounds diagnosis. , 2017, , . | | 1 |
| 70 | Selection of hardware platform for CBM Common Readout Interface. , 2017, , . | | 2 |
| 71 | The approach to engineering tasks composition on knowledge portals. , 2017, , . | | 3 |
| 72 | INTO THE FAST TOMOGRAPHIC POSTPROCESSING IN TOKAMAKS. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska, 2017, 7, 15-18. | 0.4 | 0 |

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| 111 | LCLS â€" Large Laser Infrastructure Development and Local Implications. International Journal of Electronics and Telecommunications, 2014, 60, 187-192. | 0.6 | 3 |
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