Ryszard S Romaniuk

List of Publications by Year
in descending order

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343	5,977	430874	79698
papers	citations	18 h-index	73 g-index

344	344	344	6172
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The CMS experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08004-S08004.	1.2	2,192
2	Operation of a free-electron laser from the extreme ultraviolet to the water window. Nature Photonics, 2007, 1, 336-342.	31.4	1,455
3	CMS Physics Technical Design Report, Volume II: Physics Performance. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 995-1579.	3.6	683
4	Challenges in QCD matter physics --The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	2.5	222
5	Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. Journal of Instrumentation, 2010, 5, T03014-T03014.	1.2	57
6	Assessment of water quality based on multiparameter fiber optic probe. Sensors and Actuators B: Chemical, 1998, 51, 208-213.	7.8	55
7	Performance of CMS muon reconstruction in cosmic-ray events. Journal of Instrumentation, 2010, 5, T03022-T03022.	1.2	52
8	TESLA cavity modeling and digital implementation in FPGA technology for control system development. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 556, 565-576.	1.6	46
9	Cavity parameters identification for TESLA control system development. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 548, 283-297.	1.6	41
10	Efficient reagent immobilization procedure for ion-sensitive optomembranes. Sensors and Actuators B: Chemical, 1997, 39, 207-211.	7.8	38
11	Commissioning of the CMS experiment and the cosmic run at four tesla. Journal of Instrumentation, 2010, 5, T03001-T03001.	1.2	37
12	FPGA-based implementation of a cavity field controller for FLASH and X-FEL. Measurement Science and Technology, 2007, 18, 2365-2371.	2.6	35
13	Superconducting cavity driving with FPGA controller. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 854-862.	1.6	33
14	Application of optical fibres in oxidation-reduction titrations. Sensors and Actuators B: Chemical, 1995, 29, 374-377.	7.8	30
15	Metrological Aspects of Accelerator Technology and High Energy Physics Experiments. Measurement Science and Technology, 2007, 18, .	2.6	29
16	Low latency control board for LLRF system: SIMCON 3.1. , 2005, , .		21
17	Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data. Journal of Instrumentation, 2010, 5, T03013-T03013.	1.2	20
18	Accelerator infrastructure in Europe: EuCARD 2011. Proceedings of SPIE, 2011, , .	0.8	20

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19	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
20	Polymer track membranes as a trap support for reagent in fiber optic sensors. , 1996, 59, 719-723.		19
21	EuCARD 2010 Accelerator Technology in Europe. International Journal of Electronics and Telecommunications, 2010, 56, 485-488.	0.5	19
22	Accelerator science and technology in Europe: EuCARD 2012. , 2012, , .		18
23	Development of optical fiber technology in Poland 2015. , 2015, , .		18
24	<title>TESLA cavity modeling and digital implementation with FPGA technology solution for control system development</title>. , 2004, 5484, 111.		17
25	<title>Functional analysis of DSP blocks in FPGA chips for applications in TESLA LLRF system</title>. , 2004, 5484, 130.		17
26	Advanced Photonic and Electronic Systems WILGA 2010. International Journal of Electronics and Telecommunications, 2010, 56, 479-484.	0.5	17
27	Accelerator Technology and High Energy Physics Experiments, Photonics Applications and Web Engineering, Wilga, May 2012. Proceedings of SPIE, 2012, , .	0.8	16
28	Photonics and Web Engineering 2011. International Journal of Electronics and Telecommunications, 2011, 57, .	0.5	15
29	<title>Fiber optic probe for monitoring of drinking water</title>. , 1997, , .		14
30	<title>Distributed embedded-PC-based control and data acquisition system for TESLA cavity controller and simulator</title>. , 2004, 5484, 171.		14
31	Search for Ultimate Throughput in Ultra-Broadband Photonic Internet. International Journal of Electronics and Telecommunications, 2011, 57, .	0.5	14
32	Photon Physics and Plasma Research, Photonics Applications and Web Engineering, Wilga, May 2012. , 2012, , .		14
33	Astronomy and Space Technologies, Photonics Applications and Web Engineering, Wilga, May 2012. Proceedings of SPIE, 2012, , .	0.8	14
34	<title>Cavity control system essential modeling for the TESLA linear accelerator</title>. , 2003, , .		12
35	FPGA-based cavity simulator and controller for TESLA test facility. , 2005, , .		12
36	Biomedical, Artificial Intelligence, and DNA Computing Photonics Applications and Web Engineering, Wilga, May 2012. , 2012, , .		12

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37	Offsetting, relations, and blending with perturbation functions. Proceedings of SPIE, 2017, , .	0.8	12
38	Electronic and Photonic Systems Wilga 2014. International Journal of Electronics and Telecommunications, 2014, 60, 271-276.	0.6	12
39	FPGA and optical-network-based LLRF distributed control system for TESLA-XFEL linear accelerator. , 2005, 5775, 69.		11
40	<title>Current developments of multicrucible technology of tailored optical fibers</title>. , 1999, 3731, 32.		10
41	Measurement techniques of tailored optical fibers. , 2003, , .		10
42	DOOCS server and client application for FPGA-based TESLA cavity controller and simulator. , 2005, , .		10
43	<title>Technology of soft-glass optical fiber capillaries</title>. , 2006, 6347, 303.		10
44	<title>Cavity control system advanced modeling and simulations for TESLA linear accelerator and free electron laser</title>. , 2004, , .		9
45	Optoelectronic Devices, Sensors, Communication and Multimedia, Photonics Applications and Web Engineering, Wilga, May 2012. Proceedings of SPIE, 2012, , .	0.8	9
46	<title>Temperature sensor based on double-core optical fiber</title>. , 2002, 4887, 55.		8
47	<title>FPGA-based multichannel optical concentrator SIMCON 4.0 for TESLA cavities LLRF control system</title>. , 2006, , .		8
48	<title>Design and simulation of FPGA implementation of a RF control system for the TESLA test facility</title>. , 2003, 5125, 223.		7
49	<title>Cavity control system: optimization methods for single cavity driving and envelope detection</title>. , 2004, , .		7
50	Fast synchronous distribution network of data streams for RPC Muon Trigger in CMS experiment. , 2005, , .		7
51	Ultrabroadband photonic internet: safety aspects. Proceedings of SPIE, 2008, , .	0.8	7
52	Blur recognition using second fundamental form of image surface. Proceedings of SPIE, 2015, , .	0.8	7
53	POLFEL - Free Electron Laser in Poland. Photonics Letters of Poland, 2009, 1, .	0.4	7
54	Digital techniques for noise reduction in CCD detectors. Photonics Letters of Poland, 2010, 2, .	0.4	7

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55	<title>FPGA-based TESLA cavity SIMCON DOOCS server design, implementation, and application</title>. , 2004, 5484, 153.		6
56	<title>Optical fiber transmission with wavelength multiplexing: faster or denser?</title>. , 2004, , .		6
57	<title>Measurements of SIMCON 3.1 LLRF control signal processing quality for VUV free-electron laser FLASH</title>. , 2006, 6347, 53.		6
58	Advanced camera image data acquisition system for Pi-of-the-Sky. Proceedings of SPIE, 2008, , .	0.8	6
59	Development of free electron laser and accelerator technology in Poland (CARE and EuCARD) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	6
60	Space and High Energy Experiments Advanced Electronic Systems 2012. International Journal of Electronics and Telecommunications, 2012, 58, 441-462.	0.5	6
61	Data acquisition methods for GEM detectors. , 2014, , .		6
62	The method of multispectral image processing of phytoplankton processing for environmental control of water pollution. Proceedings of SPIE, 2015, , .	0.8	6
63	Design of versatile ASIC and protocol tester for CBM readout system. Journal of Instrumentation, 2017, 12, C02060-C02060.	1.2	6
64	Committee of Electronics and Telecommunications Polish Academy of Sciences Structure â€“ Activities â€“ Perspectives. International Journal of Electronics and Telecommunications, 2015, 61, 49-56.	0.6	6
65	Optimization of the compositions area of radiotransparent ceramic in the SrO-Al2O3-SiO2 system. Przeglad Elektrotechniczny, 2017, 1, 81-84.	0.2	6
66	A Family Of Multicore Optical Fibre Based Sensors And Instrumentation Systems. Proceedings of SPIE, 1984, 0514, 275.	0.8	5
67	Multicore Optical Fiber Components. , 1987, 0722, 117.		5
68	High Quality Medical Image-Guides By Mosaic-Assembling Optical Fibre Technology. Proceedings of SPIE, 1988, 0906, 97.	0.8	5
69	<title>More light in Polish optical fibers</title>. , 2003, , .		5
70	<title>Cavity control system model simulations for the TESLA linear accelerator</title>. , 2003, 5125, 214.		5
71	<title>Data acquisition module implemented on PCI mezzanine card</title>. , 2007, , .		5
72	Photonics and web engineering in Poland, WILGA 2009. , 2009, , .		5

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73	Institute of electronic systems in CARE and EuCARD projects accelerator and FEL research, development and applications in Europe. , 2009, , .		5
74	Electronics and telecommunications in Poland, issues and perspectives: Part III. Innovativeness, applications, economy, development scenarios, politics. Proceedings of SPIE, 2010, , .	0.8	5
75	WILGA Photonics and Web Engineering, January 2012. , 2012, , .		5
76	Accelerators for society: succession of European infrastructural projects: CARE, EuCARD, TIARA, EuCARD2. , 2013, , .		5
77	Photonics applications and web engineering: WILGA Winter 2015. , 2015, , .		5
78	Methods and means of measuring control and diagnostics of biological tissues in vivo based on measurements of color coordinates and multispectral image. Proceedings of SPIE, 2015, , .	0.8	5
79	Catabolic response and phospholipid fatty acid profiles as microbial tools to assess soil functioning. Soil Use and Management, 2016, 32, 603-612.	4.9	5
80	Modal structure design in refractive capillary optical fibers. Photonics Letters of Poland, 2010, 2, .	0.4	5
81	Geometry design in rerfractive capillary optical fibers. Photonics Letters of Poland, 2010, 2, .	0.4	5
82	<title>Colorimetric sensor based on two optical fiber couplers</title>. , 1994, , .		4
83	<title>Recent developments of optical fiber technology at the Fiber Optic Department of Biaglass Co.</title>. , 1999, , .		4
84	<title>Manufacturing and measurements of triple-core, double-core, and twin-core single-mode soft-glass optical fibers</title>. , 1999, , .		4
85	<title>Tailored optical fibers</title>. , 2003, 5028, 1.		4
86	<title>Gigabit optical link test system for RPC muon trigger in the CMS experiment</title>. , 2003, , .		4
87	<title>Cavity digital control testing system by Simulink step operation method for TESLA linear accelerator and free electron laser</title>. , 2004, , .		4
88	<title>Applications of capillary optical fibers</title>. , 2006, , .		4
89	<title>Nios II implementation in CCD camera for Pi of the Sky experiment</title>. Proceedings of SPIE, 2007, , .	0.8	4
90	<title>Non-linear glasses and metaglasses for photonics, a review: Part II. Kerr nonlinearity and metaglasses of positive and negative refraction</title>. , 2007, , .		4

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91	Optical fiber technology development in Poland. , 2010, , .		4
92	Electronics and telecommunications in Poland, issues and perspectives: Part I. Society and education. Proceedings of SPIE, 2010, , .	0.8	4
93	Electronics and telecommunications in Poland, issues and perspectives: Part II. Science, research, development, higher education. , 2010, , .		4
94	Laser technology and applications 2012: a preview. Proceedings of SPIE, 2012, , .	0.8	4
95	Free electron laser infrastructure in Europe 2012. , 2013, , .		4
96	Visions for the future of particle accelerators. , 2013, , .		4
97	Accelerator science and technology in Europe 2008â€“2017. , 2013, , .		4
98	Laser Technology and Applications 2012. International Journal of Electronics and Telecommunications, 2013, 59, 195-202.	0.5	4
99	Review of parallel computing methods and tools for FPGA technology. , 2013, , .		4
100	Photonics applications in astronomy, communications, industry, and high energy physics experiments 2014. , 2014, , .		4
101	Optical fiber technology in Poland: four decades of development 1975-2015. , 2015, , .		4
102	Application of a modified evolutionary algorithm for the optimization of data acquisition to improve the accuracy of a video-polarimetric system. , 2015, , .		4
103	MCORD - MPD Cosmic Ray Detector a new features. EPJ Web of Conferences, 2019, 204, 07016.	0.3	4
104	WILGA Photonics and Web Engineering 2010. Photonics Letters of Poland, 2010, 2, .	0.4	4
105	Optical Devices And Sensors Made Of Special-Purpose Fibers. Proceedings of SPIE, 1988, 0867, 122.	0.8	3
106	New Manufacturing Method Of Sensor Oriented Optical Fibers. , 1989, 1011, 71.		3
107	Technological Sensitizing Of Mosaic Optical Fibres For Sensory And Microoptics Applications. , 1989, 1128, 25.		3
108	<title>Intranet and Internet metrological network with photonic sensors and transmission</title>. , 1999, 3731, 224.		3

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109	<title>Environmental tests of Intranet and Internet metrological station and network with photonic sensors and transmission</title>. , 1999, , .		3
110	<title>Apparatus to search for optical flashes of astronomical origin</title>. , 2003, , .		3
111	FPGA based, DSP board for LLRF 8-Channel SIMCON 3.0 Part I: Hardware. , 2005, 5948, 110.		3
112	Irradiation investigations for TESLA and X-FEL experiments at DESY. , 2005, , .		3
113	Investigations of irradiation effects on electronic components to be used in VUV-FEL and X-FEL facilities at DESY. , 2005, , .		3
114	<title>Mechanical properties of hollow optical fibers</title>. , 2006, , .		3
115	<title>Modular version of SIMCON, FPGA based, DSP integrated, LLRF control system for TESLA FEL part II: measurement of SIMCON 3.0 DSP daughterboard</title>. , 2006, 6159, 38.		3
116	<title>Data transmission optical link for LLRF TESLA project part II: application for BER measurements</title>. , 2006, 6159, 18.		3
117	<title>Multi-cavity complex controller with vector simulator for TESLA technology linear accelerator</title>. , 2007, , .		3
118	Two classes of capillary optical fibers: refractive and photonic. , 2008, , .		3
119	Photonics applications and web engineering: SPIE-PSP WILGA Symposium series. Proceedings of SPIE, 2010, , .	0.8	3
120	WILGA Photonics and Web Engineering 2010. Proceedings of SPIE, 2010, , .	0.8	3
121	Integration of multi-interface conversion channel using FPGA for modular photonic network. Proceedings of SPIE, 2010, , .	0.8	3
122	EuCARD 2010: European coordination of accelerator research and development. Proceedings of SPIE, 2010, , .	0.8	3
123	LCLS â€“ Large Laser Infrastructure Development and Local Implications. International Journal of Electronics and Telecommunications, 2014, 60, 187-192.	0.6	3
124	Laser photoplethysmography in integrated evaluation of collateral circulation of lower extremities. , 2015, , .		3
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126	Petabit Photonic Internet. Photonics Letters of Poland, 2011, 3, .	0.4	3

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127	Optical Fibers and Their Applications 2014. Photonics Letters of Poland, 2014, 6, .	0.4	3
128	Zaawansowane systemy elektroniczne, zastosowania fotoniki i inï¿½ynieria Internetu â€“ 33 Sympozjum WILGA 2014. Elektronika, 2014, 1, 75-78.	0.0	3
129	Czasopisma NT, Indeksy, Cytowania, Bazy danych, Wydawnictwa Cyfrowe, Bibliometria. Czï¿½ï¿½ 1. Elektronika, 2014, 1, 170-178.	0.0	3
130	Electro-optical system for the automated selection of dental implants according to their colour matching. Przeglad Elektrotechniczny, 2017, 1, 123-126.	0.2	3
131	The approach to engineering tasks composition on knowledge portals. , 2017, , .		3
132	Multiclad Monomode Optical Fibres By MZD Technology. , 1986, , .		2
133	Multicore Optical Fibres For Sensors. Proceedings of SPIE, 1986, , .	0.8	2
134	Ultimate Development Of Hybrid Extrusion, Multicrucible And Multirod-In-Tube Technologies Of Tailored /Special Purpose/ Optical Fibres. Proceedings of SPIE, 1987, , .	0.8	2
135	Lightguide Technology For Adverse Industrial Environments. Proceedings of SPIE, 1987, , .	0.8	2
136	Multicore Microoptics. Proceedings of SPIE, 1989, , .	0.8	2
137	On The Application Of Fiber Optics In The Development Of Sensor Systems Of Intelligent Robots. , 1989, 1003, 420.		2
138	Exotic Optical Fibres. Proceedings of SPIE, 1990, , .	0.8	2
139	Single-Mode Quadruple-Core Optical Fibres. Proceedings of SPIE, 1990, 1085, 214.	0.8	2
140	<title>Glass-ceramic fiber optic sensors</title>. , 1991, , .		2
141	<title>Correction of fiber optic ion sensor readings using a fiber optic temperature sensor</title>. , 1999, 3731, 161.		2
142	<title>Measurements of nonlinear optical fibers</title>. , 2003, , .		2
143	<title>Intelligence in optical networks</title>. , 2003, , .		2
144	<title>Basic properties of ring-index optical fibers</title>. , 2003, , .		2

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145	<title>Data quality management system (DQMS) for BAC detector in the ZEUS experiment at the HERA accelerator</title>. , 2003, , .		2
146	<title>Control and monitoring of data acquisition and trigger system (TRIDAQ) for backing calorimeter (BAC) of the ZEUS experiment</title>. , 2003, , .		2
147	<title>HOST: hybrid optoelectronic versatile telemetric system for local community</title>. , 2003, 5125, 38.		2
148	<title>Optoelectronics in TESLA, LHC, and pi-of-the-sky experiments</title>. , 2004, 5576, 299.		2
149	<title>FPGA-based cavity simulator for Tesla test facility</title>. , 2004, , .		2
150	<title>Search for optical flashes accompanying gamma ray bursts Pi of the Sky collaboration</title>. , 2004, , .		2
151	FPGA-based LLRF control module for x-ray free electron laser and TESLA feedback system. , 2005, 5775, 61.		2
152	Prototype implementation of the embedded PC-based control and DAQ module for TESLA cavity SIMCON. , 2005, , .		2
153	Software layer for FPGA-based TESLA cavity control system. , 2005, , .		2
154	<title>Atom guiding in single mode optical fiber capillary</title>. , 2006, 6347, 325.		2
155	<title>FPGA-based modular configurable controller with fast synchronous optical network</title>. , 2006, 6347, 69.		2
156	Implementation of adaptive feed-forward algorithm on embedded PowerPC405 processor for FLASH accelerator. , 2007, , .		2
157	Control System Modelling for Superconducting Accelerator. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	2
158	<title>FPGA based PCI mezzanine card with digital interfaces</title>. Proceedings of SPIE, 2007, , .	0.8	2
159	<title>Versatile LLRF platform for FLASH laser</title>. , 2007, , .		2
160	<title>FPGA systems development based on universal controller module</title>. , 2007, , .		2
161	Development of optical fiber technology in Poland. , 2011, , .		2
162	Ultra-broadband photonic internet. Proceedings of SPIE, 2011, , .	0.8	2

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163	Laser technology 2012. , 2013, , .		2
164	Optical fibers and photonics applications: topical tracks at Wilga Conferences. Proceedings of SPIE, 2013, , .	0.8	2
165	Automatic resource identification for FPGA-based reconfigurable measurement and control systems with mezzanines in FMC standard. Proceedings of SPIE, 2013, , .	0.8	2
166	Fusion 2050 â€“ European and Polish Perspective. International Journal of Electronics and Telecommunications, 2014, 60, 85-91.	0.5	2
167	Photonics applications and web engineering: WILGA Summer 2015. Proceedings of SPIE, 2015, , .	0.8	2
168	Changes of color coordinates of biological tissue with superficial skin damage due to mechanical trauma. Proceedings of SPIE, 2015, , .	0.8	2
169	Development of laser technology in Poland: 2016. , 2016, , .		2
170	GBTX Emulation for BM@N/MPD Data Acquisition Systems. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 555.	0.1	2
171	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
172	International Linear Collider Global and Local Implications. International Journal of Electronics and Telecommunications, 2014, 60, 181-185.	0.6	2
173	Zaawansowane Systemy Elektroniczne i Fotoniczne - WILGA 2014. Czï¿½ï¿½ 2 - Systemy elektroniczne dla eksperymentï¿½w fizyki wielkich energii. Elektronika, 2014, 1, 43-51.	0.0	2
174	Zaawansowane Systemy Elektroniczne i Fotoniczne - WILGA 2014. Czï¿½ï¿½ 3 - elektronika biomedyczna i multimedia. Elektronika, 2015, 1, 50-57.	0.0	2
175	Zaawansowane Systemy Elektroniczne i Fotoniczne - WILGA 2014. Czï¿½ï¿½ 4 - Nanomateriaï¿½y i Systemy Elektroniczne dla techniki kosmicznej. Elektronika, 2015, 1, 95-102.	0.0	2
176	Photonics applications and web engineering: WILGA Summer 2016. , 2016, , .		2
177	Photonics applications and web engineering: WILGA Winter 2016. , 2016, , .		2
178	Selection of hardware platform for CBM Common Readout Interface. , 2017, , .		2
179	CRI board for CBM experiment: preliminary studies. , 2018, , .		2
180	Digital image transmission simulation using the PL-log-MAP turbo decoding algorithm. , 2018, , .		2

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181	MCORD: MPD cosmic ray detector for NICA. , 2018, , .		2
182	GBTX emulator for development and special versions of GBT-based readout chains. Journal of Instrumentation, 2021, 16, C12022.	1.2	2
183	The State Of Lightguide Technology In Poland On The Basis Of The IV National Symposium "Optical Fibres And Their Applications". , 1986, 0670, 2.		1
184	Broadband Buses Based On Multicore Optical Fibres. , 1986, 0585, 260.		1
185	Directions Of Applications Of Optical Fiber Technology In Medicine And Health Protection Systems. , 1987, 0713, 28.		1
186	Optical Fibre, Local Measurement Systems For Ships. Proceedings of SPIE, 1987, 0842, 174.	0.8	1
187	Fiber Optic Pulse Sequencers/Desequencers. Proceedings of SPIE, 1987, , .	0.8	1
188	Recognition Of Colours And Collision Avoidance In Robotics Using Optical Fiber Sensors. , 1987, 0718, 212.		1
189	Ion Exchange And Related Phenomena In Glass Periodical GRIN Matrices During The Mosaic-Assembling Technology. , 1989, 1128, 90.		1
190	Research Toward The Optical Equipment For An Autonomous Robot For TviV Environment. , 1989, , .		1
191	Special Fibres For Application Environments. , 1990, 1174, 332.		1
192	Gradient-Index (GRIN) Matrices Based On Mosaic Assembling Technology (MAT) For Multichannel Fiberoptic Environmental Sensors. Proceedings of SPIE, 1990, , .	0.8	1
193	<title>Novel matrix for fiber optic chemical sensors made of particle track polymer</title>. , 1995, 2508, 351.		1
194	<title>Intranet and Internet metrological workstation with photonic sensors and transmission</title>. , 1999, , .		1
195	<title>Distributed control system for TRIDAQ boards</title>. , 2003, 5125, 112.		1
196	<title>JTAG test system for RPC muon trigger in the CMS experiment</title>. , 2003, 5125, 124.		1
197	<title>Automatic measurement system for astronomical education</title>. , 2004, , .		1
198	Software for development and communication with FPGA based hardware. , 2005, , .		1

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199	Broadband, optical Internet-based, modular, interactive information system for research deptartment in university environment: part II. , 2005, 5775, 543.		1
200	<title>Software layer for SIMCON ver. 2.1. FPGA based LLRF control system for TESLA FEL part I: system overview, software layers definition</title>. , 2006, , .		1
201	<title>Data transmission optical link for LLRF TESLA project part I: hardware structure of OPTO module</title>. , 2006, 6159, 10.		1
202	<title>Nonlinear glasses and metaglasses for photonics, a review: Part I. Nonlinear electrical susceptibility and refractive index</title>. Proceedings of SPIE, 2007, , .	0.8	1
203	Development of optical fiber technology in Poland. International Journal of Electronics and Telecommunications, 2010, 56, 99-104.	0.5	1
204	Development of laser technology in Poland. Proceedings of SPIE, 2010, , .	0.8	1
205	Modulation and multiplexing in ultra-broadband photonic internet: Part I. , 2011, , .		1
206	Communications, Multimedia, Ontology, Photonics and Internet Engineering 2012. International Journal of Electronics and Telecommunications, 2012, 58, 463-478.	0.5	1
207	Accelerator Science and Technology in Europe EuCARD 2012. International Journal of Electronics and Telecommunications, 2012, 58, 327-334.	0.5	1
208	Optical fibers and their applications 2012. Proceedings of SPIE, 2013, , .	0.8	1
209	Electron Technology â€“ ELTE 2013. Proceedings of SPIE, 2013, , .	0.8	1
210	Optical Fiber Technology 2012. International Journal of Electronics and Telecommunications, 2013, 59, 131-140.	0.5	1
211	Automatic HDL firmware generation for FPGA-based reconfigurable measurement and control systems with mezzanines in FMC standard. , 2013, , .		1
212	Advanced photonic, electronic, and web engineering systems: WILGA Symposium, January 2013. Proceedings of SPIE, 2013, , .	0.8	1
213	European X-Ray Free Electron Laser (EXFEL): local implications. Proceedings of SPIE, 2013, , .	0.8	1
214	Development of optical fiber technology in Poland: 2014. , 2014, , .		1
215	IYL 2015 in Poland. International Journal of Electronics and Telecommunications, 2014, 60, 341-346.	0.6	1
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217	Python based high-level synthesis compiler. , 2014, , .		1
218	Coordination in serial-parallel image processing. Proceedings of SPIE, 2015, , .	0.8	1
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220	Photonics Applications and Web Engineering: WILGA 2017. , 2017, , .		1
221	Reference LED source of subnanosecond pulses of broadband optical radiation. , 2017, , .		1
222	Wilga 2019 â€“ Photonics Applications. Photonics Letters of Poland, 2019, 11, 35.	0.4	1
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