

# Andrzej Napieralski

## List of Publications by Year in descending order

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443  
papers

3,206  
citations

430874

18  
h-index

197818

49  
g-index

448  
all docs

448  
docs citations

448  
times ranked

2833  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mobile Robot Position Adjustment as a Fusion of Vision System and Wheels Odometry in Autonomous Track Driving. Applied Sciences (Switzerland), 2021, 11, 4496.	2.5	3
2	Noise Influence on Operation of Capacitive Sensor Analog Readout Circuit in Simulation versus Measurement Comparison. , 2021, , .		4
3	Application of Scattering Parameters to DPL Time-Lag Parameter Estimation at Nanoscale in Modern Integration Circuit Structures. Energies, 2021, 14, 4425.	3.1	1
4	Diversit� des liens entre un emprunt et ses �quivalents � le cas de binge drinking. Acta Universitatis Carolinae: Philologica, 2021, 2020, 69-90.	0.0	0
5	Image analyzer for stereoscopic camera rig alignment. Journal of Real-Time Image Processing, 2020, 17, 383-391.	3.5	0
6	Analysis of Temperature Variation Influence on Capacitance Inertial Sensors Parameters. , 2020, , .		2
7	Thermal Expansion Phenomena and Influence on Damping Coefficient and Stiffness Variation for MEMS Kinematic Quantity Microsensors and Microactuators. , 2020, , .		0
8	An Analysis of Temperature Variation Effect on Response and Performance of Capacitive Microaccelerometer Inertial Sensors. , 2020, , .		1
9	Continuous Wave Operation of Superconducting Accelerating Cavities With High Loaded Quality Factor. IEEE Transactions on Nuclear Science, 2020, 67, 2119-2127.	2.0	3
10	Capacitance Deviations for Deformed Parts of Solid MEMS Sensors. , 2020, , .		0
11	La traduction du lexique non standard en fran�ais et en polonais sur lâ€™exemple de la s�rie Paradise PD. Revue D'�tudes Fran�aises, 2020, , 91-107.	0.0	0
12	Estimation of Comb Structure Capacitance for MEMS Inertial Sensors. , 2020, , .		0
13	Geometry Details of Inertial Microsensors Influenced on Their Performance. , 2020, , .		0
14	Geometry Details Influenced on Vibratory Microgyroscope Performance. , 2019, , .		0
15	Modelling, Simulations and Performance Analysis of MEMS vibrating Gyroscope in Coventor MEMS+ Environment. , 2019, , .		4
16	Temperature Change Leverage on Performance of MEMS Rotational Motion Sensors. , 2019, , .		1
17	Measurement and Simulation of Test Structures Dedicated to the Investigation of Heat Diffusion at Nanoscale. , 2019, , .		2
18	Considerations on Electronic System Compact Thermal Models in the Form of RC Ladders. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	MEMS Rotational Gyroscope Operation in Various Temperature Environment. , 2019, , .		0
20	ARUZ - Analyzer of Real Complex Systems. , 2019, , .		0
21	Spring Constants and Damping Coefficient Temperature Dependency Analysis for Actuating and Sensing in Vibratory Microsensors. , 2019, , .		0
22	Manufacturing and Characterization of Test Structures Dedicated for The Investigation of Heat Transfer Processes at Nanoscale. , 2019, , .		0
23	Modelling and simulation thermal expansion phenomena in MEMS gyroscope. , 2018, , .		0
24	Assessment of Different Methodologies for The Estimation of DPL Model Parameter Values for Dynamic Thermal Simulations of Nanoscale Electronic Structures. , 2018, , .		0
25	The electric energy stored in PEDOT:PSS capacitors integrated on textile substrate. International Journal of Clothing Science and Technology, 2018, 30, 808-816.	1.1	3
26	MEMS Gyroscope FEM Modeling and Simulation. , 2018, , .		1
27	Integration and Testing of Large Scale Diagnostic Systems. , 2018, , .		0
28	Determining Parameters of the Dual-Phase-Lag Model of Heat Flow. , 2018, , .		0
29	Experimental identification of LED compact thermal model element values. Microelectronics Reliability, 2018, 86, 20-26.	1.7	22
30	Improvement of an electro-thermal model of SiC MPS diodes. IET Power Electronics, 2018, 11, 660-667.	2.1	11
31	Measurement and simulation of MEMS dedicated to investigation of heat transfer at nanoscale. , 2018, , .		1
32	ARUZ - Large-scale, massively parallel FPGA-based analyzer of real complex systems. Computer Physics Communications, 2018, 232, 22-34.	7.5	18
33	Experimental Determination of Junction-to-Case Thermal Resistance in LED Compact Thermal Models. , 2018, , .		2
34	Influence of cooling conditions on LED compact thermal model element values. , 2018, , .		0
35	Measurement and Modeling of Heat Conduction in MEMS Nanostructures. , 2018, , .		4
36	Novel thermal model of microchannel cooling system designed for fast simulation of liquid-cooled ICs. Microelectronics Reliability, 2018, 87, 245-258.	1.7	15

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37	Simulations and analysis of MEMS vibrating gyroscope with geometry details in Matlab/SIMULINK environment. , 2018, , .		1
38	Different methods of capacitive comb drive MEMS accelerometer simulations. , 2018, , .		4
39	Universal Behavioural Model for SiC Power MOSFETs Under Forward Bias. , 2018, , .		4
40	Thermal-aware Floorplanning Guidelines for 3D ICs with Integrated Microchannels. , 2018, , .		0
41	Electrical equivalent model of MEMS accelerometer in Matlab/SIMULINK environment. , 2018, , .		2
42	Fully differential read-out circuitry components for MEMS-based accelerometers. , 2018, , .		14
43	On the applicability of single-layer integrated microchannel cooling in 3D ICs. , 2018, , .		0
44	Considerations on the importance of proper heat transfer coefficient modeling in air cooled electronic systems. Facta Universitatis - Series Electronics and Energetics, 2018, 31, 519-528.	0.9	1
45	Thermal analysis of hybrid circuits with variable heat transfer coefficient. , 2017, , .		5
46	Structure-aware Thermal Model reduction. , 2017, , .		0
47	ASICs design for space applications and research of related thermal and electro-magnetic phenomena. , 2017, , .		0
48	Analysis of SPICE models for SiC MOSFET power devices. , 2017, , .		9
49	Peak temperature reduction by optimizing power density distribution in 3D ICs with microchannel cooling. Microelectronics Reliability, 2017, 79, 488-498.	1.7	12
50	Model evaluation and improvement for commercially available silicon carbide power MOSFETs. , 2017, , .		1
51	Parametrized model of MEMS microphone in comsol multiphysics. , 2017, , .		1
52	Thermal simulation of hybrid circuits with variable heat transfer coefficient. , 2017, , .		2
53	Human machine interface for high energy physics experiments. , 2017, , .		0
54	Review of commercial SiC MOSFET models: Topologies and equations. , 2017, , .		8

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55	A C++ shared-memory ring-buffer framework for large-scale data acquisition systems. , 2017, , .		3
56	Universal module management controller for MicroTCA.4 systems. , 2017, , .		1
57	Experimental investigation of discrete air cooled device thermal resistance dependence on cooling conditions. Microelectronics Reliability, 2017, 79, 405-409.	1.7	1
58	The numerical analysis of heat transfer at nanoscale using full and reduced DPL models. , 2017, , .		4
59	The scope of applicability of DPL model to the heat transfer in electron devices. , 2017, , .		2
60	Novel method for fast FEM simulation of chips with integrated microchannel cooling. , 2017, , .		1
61	Manufacturing and characterisation of MEMS test nanostructures. , 2017, , .		2
62	Time constant spectra based fitting of thermal model parameters. , 2017, , .		0
63	Review of commercial SiC MOSFET models: Validity and accuracy. , 2017, , .		5
64	Fast Intra Bunch Train Charge Feedback for FELs Based on Photo Injector Laser Pulse Modulation. IEEE Transactions on Nuclear Science, 2017, 64, 2904-2910.	2.0	4
65	Thermal coupling phenomenon in ICs cooled by integrated microchannels. , 2017, , .		1
66	Comparative analysis of compact thermal models generated from measured thermal responses and detailed thermal models. , 2017, , .		0
67	Mechanical simulation of 3-axis accelerometer using a single proof-mass. , 2017, , .		3
68	Investigation of internal package structure based on the analysis of dynamic temperature response. , 2016, , .		0
69	SDI image acquisition module for 3D applications. , 2016, , .		1
70	Modelling of average radiation and convection heat transfer coefficient value in electronic systems. , 2016, , .		3
71	Design and implementation of LLRF station software suite in Distributed Control System used in E-XFEL. , 2016, , .		0
72	Influence of Dry Cleaning on the Electrical Resistance of Screen Printed Conductors on Textiles. Autex Research Journal, 2016, 16, 146-153.	1.1	2

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73	The distributed thermal model of fin field effect transistor. Microelectronics Reliability, 2016, 67, 9-14.	1.7	13
74	Thermal simulation of nanoscale platinum heaters. , 2016, , .		4
75	Impact of floorplanning and thermal vias placement on temperature in 2D and 3D processors. Microelectronics Journal, 2016, 52, 40-48.	2.0	6
76	Closed-loop laser stabilization system. , 2016, , .		0
77	FPGA-based image analyzer for calibration of stereo vision rigs. , 2016, , .		0
78	Human Machine Interface for data acquisition systems applied in High Energy Physics. , 2016, , .		2
79	Analysis of the impact of power distribution on the efficiency of microchannel cooling in 3D ICs. , 2016, , .		5
80	DPL thermal model of test microchip structure without cavity dedicated to estimation of nanoelectronic circuits thermal properties. , 2016, , .		3
81	Investigation of heat transfer coefficient variation in air cooled hybrid electronic circuits. , 2016, , .		1
82	Polyhedral Source-to-Source Compiler. , 2016, , .		2
83	Analysis of nonlinear heat exchange phenomena in natural convection cooled electronic systems. Microelectronics Reliability, 2016, 67, 15-20.	1.7	12
84	Coupled thermo-fluidic simulation for design space exploration of microchannels in liquid-cooled 3D ICs. , 2016, , .		6
85	Efficient uncalibrated rectification method for stereo vision systems. , 2016, , .		5
86	Microelectronics in Poland - from accelerators to space technology. , 2016, , .		1
87	Analytical modelling of bossed membrane. , 2016, , .		1
88	Real-time prediction of acute cardiovascular events using hardware-implemented Bayesian networks. Computers in Biology and Medicine, 2016, 69, 245-253.	7.0	22
89	Evaluation of the impact of atmospheric pressure in different seasons on blood pressure in patients with arterial hypertension. International Journal of Occupational Medicine and Environmental Health, 2016, 29, 783-792.	1.3	19
90	Polish electronics in high energy physics & aerospace technology. Photonics Letters of Poland, 2016, 8, .	0.4	0

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91	Fusion of morphological data obtained by coronary computed tomography angiography with quantitative echocardiographic data on regional myocardial function. <i>Cardiology Journal</i> , 2016, 23, 264-269.	1.2	2
92	Compact thermal modelling of packages containing multiple devices. , 2015, , .		0
93	Identification of nonlinearities based on comparison of device heating and cooling curves. , 2015, , .		0
94	Control and monitoring system prototype for pulse plasma sintering process. , 2015, , .		0
95	Characterization of thermal vias for 3D ICs using FEM analysis. , 2015, , .		1
96	The thermal model of Fin-FET transistor. , 2015, , .		1
97	Retrieving heat transfer coefficient temperature dependence from measurement data. , 2015, , .		0
98	Towards automatic calibration of stereoscopic video systems. , 2015, , .		3
99	Methods of 3D images quality assesment. , 2015, , .		0
100	Calibration of stereoscopic camera rigs using dedicated real-time SDI video processor. , 2015, , .		6
101	IEEE 1588 Time Synchronization Board in MTCA.4 Form Factor. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 919-924.	2.0	10
102	Rapid-X - An FPGA Development Toolset Using a Custom Simulink Library for MTCA.4 Modules. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 940-946.	2.0	3
103	Silicon carbide power electronics for electric vehicles. , 2015, , .		7
104	Standardized Solution for Management Controller for MTCA.4. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 932-939.	2.0	9
105	High-Performance Image Acquisition and Processing System with MTCA.4. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 925-931.	2.0	18
106	High-Speed Data Processing Module for LLRF. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 1083-1090.	2.0	15
107	Extended Sensor Reliability Evaluation Method in multi-sensor control systems. <i>Microelectronics Reliability</i> , 2015, 55, 671-678.	1.7	4
108	Green's function solution for dual-phase-lag heat conduction model in electronic nanostructures. , 2015, , .		2

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109	Investigation of localized thermal vias for temperature reduction in 3D multicore processors. , 2015, , .		0
110	Mixed signal ASIC controller for satellite medium power DC/DC converters. , 2015, , .		2
111	Numerical solution of 1-D DPL heat transfer equation. , 2015, , .		8
112	Comparison of Green's function solutions for different heat conduction models in electronic nanostructures. Microelectronics Journal, 2015, 46, 1162-1166.	2.0	10
113	Remote control of 3D camera rig with embedded system. , 2015, , .		5
114	A simple multithreaded C++ framework for high-performance data acquisition systems. , 2015, , .		6
115	A study on microbolometer electro-thermal circuit modelling. , 2015, , .		7
116	Use of electric energy stored in a textile-based PEDOT:PSS capacitor. , 2015, , .		0
117	Image and video processing with FPGA support used for biometric as well as other applications. Facta Universitatis - Series Electronics and Energetics, 2015, 28, 165-175.	0.9	0
118	Examples of medical software and hardware expert systems for dysfunction analysis and treatment. Facta Universitatis - Series Electronics and Energetics, 2015, 28, 29-50.	0.9	0
119	Architecture of Wireless Vehicle Weight Measurement System for Structural Health Monitoring in Civil Engineering Application. International Journal of Distributed Sensor Networks, 2015, 11, 202545.	2.2	2
120	Rapid FPGA development framework using a custom Simulink library for MTCA.4 modules. , 2014, , .		0
121	Green's function solution of hyperbolic heat equation suitable for thermal analysis of electronic nanostructures. , 2014, , .		4
122	Comparison of fourier and non-fourier heat transfer in nanoscale semiconductor structures. , 2014, , .		0
123	Low-cost transesophageal echocardiography simulation probe for training application in medicine. , 2014, , .		1
124	Image container storage format for applications in echocardiography simulation. , 2014, , .		0
125	Convergence of Green's function heat equation solutions in electronic nanostructures. , 2014, , .		7
126	Current-mode signal processing implementation in HV Sol integrated systems. Microelectronics Journal, 2014, 45, 946-959.	2.0	4



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127	Current-controlled switches for HV Sol processes. Microelectronics Journal, 2014, 45, 931-945.	2.0	1
128	Dedicated thermal emulator for analysis of thermal coupling in many-core processors. Microelectronics Journal, 2014, 45, 960-965.	2.0	6
129	Sensor reliability evaluation method in multi-sensor control systems. , 2014, , .		1
130	Modelling modern processors using FEM and compact model &#x2014; A comparative study. , 2014, , .		0
131	The influence of residual stress induced by anodic wafer bonding on MEMS membrane properties. , 2014, , .		0
132	Compact thermal modeling of microbolometers. , 2014, , .		1
133	Hybrid power system for Truck Recognition System. , 2014, , .		2
134	Analytical tool for electro-thermal modelling of microbolometers. , 2014, , .		0
135	Multiscale flow model for simulation of biofluidic mixtures in Lab-Chip devices. , 2014, , .		2
136	ACL and PCL of the knee joint in the computer diagnostics. , 2014, , .		7
137	High-voltage trapezoidal waveform generator with edge-rounding functionality implementations. , 2014, , .		2
138	Module hardware structure of Wireless Vehicle Weight Measurement System. , 2014, , .		4
139	Timing characterization and constraining tool. Microelectronics Journal, 2014, 45, 311-324.	2.0	0
140	Impact of nonlinearities on electronic device transient thermal responses. Microelectronics Journal, 2014, 45, 1721-1725.	2.0	29
141	Evaluating the impact of scaling on temperature in FinFET-technology multicore processors. Microelectronics Journal, 2014, 45, 1806-1813.	2.0	8
142	Applications of Ray-Casting in Medical Imaging. Advances in Intelligent Systems and Computing, 2014, , 3-14.	0.6	5
143	Decision Support System for Real-Time Monitoring of Patients with Cardiovascular Risks. Advances in Intelligent Systems and Computing, 2014, , 293-302.	0.6	1
144	Recent research in VLSI, MEMS and power devices with practical application to the ITER and dream projects. Facta Universitatis - Series Electronics and Energetics, 2014, 27, 561-588.	0.9	3

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145	High-voltage high input impedance unity-gain voltage buffer. <i>Microelectronics Journal</i> , 2013, 44, 576-585.	2.0	8
146	Active control of boundary conditions for dynamic thermal characterization of electronic components. <i>Microelectronics Journal</i> , 2013, 44, 1019-1024.	2.0	5
147	Recent Developments in Control Software for Optical Synchronization Applications at DESY. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 3461-3468.	2.0	1
148	Firmware Upgrade in xTCA Systems. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 3639-3646.	2.0	9
149	Feedback Control of Loaded Q Values of the Superconducting Cavities at FLASH. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 4603-4609.	2.0	1
150	Behavioral Approach to SiC MPS Diode Electrothermal Model Generation. <i>IEEE Transactions on Electron Devices</i> , 2013, 60, 630-638.	3.0	36
151	The behavioral approach to silicon carbide power components modeling. <i>Proceedings of SPIE</i> , 2013, , .	0.8	2
152	Modern high power semiconductor devices. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
153	Influence of boundary conditions on thermal RC ladder model element values. , 2013, , .		0
154	Analysis of the effectiveness of core swapping in modern multicore processors. , 2013, , .		6
155	Influence of lateral heat diffusion on the thermal impedance measurement of photovoltaic panels. <i>Solar Energy Materials and Solar Cells</i> , 2013, 112, 1-5.	6.2	9
156	New methodology for thermal analysis of multi-core processors based on dedicated ASIC. <i>Microelectronics Journal</i> , 2013, 44, 623-630.	2.0	4
157	Accuracy and boundary condition independence of Cauer RC ladder compact thermal models. <i>Microelectronics Journal</i> , 2013, 44, 619-622.	2.0	4
158	Impact of nonlinearities in boundary conditions on device compact thermal models. , 2013, , .		0
159	Wireless Communication Solution for Distributed Structural Health Monitoring. <i>International Journal of Electronics and Telecommunications</i> , 2013, 59, 177-184.	0.5	3
160	System for Estimation of Patient's State – Discussion of the Approach. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 501-511.	0.6	1
161	Recent developments in control software for optical synchronization applications at DESY. , 2012, , .		1
162	The evolution of MEMS and modelling methodologies. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2012, 31, 1458-1469.	0.9	4

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163	The application of RESCUER software to PDAEs translation into VHDL-AMS models. , 2012, , .		0
164	A Multichannel Measurement System for Online Turbogenerator Vibration Diagnostics. IEEE Transactions on Energy Conversion, 2012, 27, 978-983.	5.2	14
165	Evaluation of the ATCA fast controller standard for ITER diagnostics. Fusion Engineering and Design, 2012, 87, 2100-2105.	1.9	5
166	Test ASIC for investigation of thermal coupling in Many-Core Architectures. , 2012, , .		2
167	Cache leakage power estimation using architectural model for 32 nm and 16 nm technology nodes. , 2012, , .		2
168	An accurate electro-thermal model for merged SiC PiN Schottky diodes. Microelectronics Journal, 2012, 43, 312-320.	2.0	8
169	A reliable iris recognition algorithm based on reverse biorthogonal wavelet transform. Pattern Recognition Letters, 2012, 33, 1019-1026.	4.2	70
170	Intelligent Platform-Management Controller for Low-Level RF Control System ATCA Carrier Board. IEEE Transactions on Nuclear Science, 2011, 58, 1538-1543.	2.0	6
171	Prototype Real-Time ATCA-Based LLRF Control System. IEEE Transactions on Nuclear Science, 2011, 58, 1553-1561.	2.0	12
172	Hardware Architecture Optimized for Iris Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1293-1303.	8.3	30
173	Generation of reduced thermal models of electronic systems from transient thermal response. , 2011, , .		2
174	Methodology for Implementing Scalable Run-Time Reconfigurable Devices. International Journal of Electronics and Telecommunications, 2011, 57, 177-183.	0.5	1
175	Generation of reduced dynamic thermal models of electronic systems from time constant spectra of transient temperature responses. Microelectronics Reliability, 2011, 51, 1351-1355.	1.7	23
176	Heat dissipation and temperature distribution in long interconnect lines. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2010, 58, 119-124.	0.8	2
177	Reliable algorithm for iris segmentation in eye image. Image and Vision Computing, 2010, 28, 231-237.	4.5	91
178	Experimental verification of temperature coefficients of resistance for uniformly doped P-type resistors in SOI. Journal of Micromechanics and Microengineering, 2010, 20, 064008.	2.6	7
179	Hardware architecture for advanced image processing. , 2010, , .		1
180	PTAT sensor for chip overheat protection. , 2010, , .		1

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181	GUI application for ATCA-based LLRF Carrier Board management. , 2010, , .		0
182	Hot spots and core-to-core thermal coupling in future multi-core architectures. , 2010, , .		21
183	Distributed network of remote sensors for real time prediction of hot spot temperature values. , 2010, , .		0
184	Power Devices. , 2010, , 129-148.		1
185	Influence of interface materials on the thermal impedance of electronic packages. International Communications in Heat and Mass Transfer, 2009, 36, 210-212.	5.6	18
186	Dynamic thermal modelling of a power integrated circuit with the application of structure functions. Microelectronics Journal, 2009, 40, 1135-1140.	2.0	10
187	The effect of parasitic boron doping on P-type piezoresistors. Procedia Chemistry, 2009, 1, 44-47.	0.7	0
188	Parasitic phenomena in electrostatic actuators based on sealed cavity fabricated with wafer-bonding technology. Procedia Chemistry, 2009, 1, 429-432.	0.7	0
189	Prototype Control System for Compensation of Superconducting Cavities Detuning Using Piezoelectric Actuators. IEEE Transactions on Nuclear Science, 2009, 56, 2336-2340.	2.0	4
190	Real time temperature monitoring of ICs with boundary temperature scan. , 2009, , .		3
191	Chimney Effect on Natural Convection Cooling of a Transistor Mounted on a Cooling Fin. Journal of Electronic Packaging, Transactions of the ASME, 2009, 131, .	1.8	12
192	Introduction to the special issue on the MIXDES 2006. Analog Integrated Circuits and Signal Processing, 2008, 55, 195-196.	1.4	0
193	Determining Thermal Simulation Data from Transient Measurements. IEEE Semiconductor Thermal Measurement and Management Symposium, 2008, , .	0.0	1
194	The Automatic Implementation of Software Implemented Hardware Fault Tolerance Algorithms as a Radiation-Induced Soft Errors Mitigation Technique. , 2008, , .		3
195	Prototype AdvancedTCA Carrier Board with three AMC bays. , 2008, , .		1
196	IOLTS 2008 Committees. , 2008, , .		0
197	An Interactive Course the Rudiments of Electrotechnology-Learning at the Distance. , 2007, , .		0
198	Universal Web-Based Charts Generator based on J2EE Platform. , 2007, , .		0

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199	New method for beam induced transient measurement. Measurement Science and Technology, 2007, 18, 2348-2355.	2.6	0
200	Measurement of static force at liquid helium temperature. Measurement Science and Technology, 2007, 18, 2356-2364.	2.6	10
201	Radiation monitoring system for X-FEL. Measurement Science and Technology, 2007, 18, 2397-2403.	2.6	3
202	Intrusion Detection and Internet Services Failure Reporting System. , 2007, , .		1
203	Spectral Modification of the LFSR - Sequence for Test Patterns Generation Improvement. , 2007, , .		1
204	<title>AVR microcontroller simulator for software implemented hardware fault tolerance algorithms research</title>. , 2007, , .		0
205	Rating of Pipe-Type Cables With Slow Circulation of Dielectric Fluid. IEEE Transactions on Industry Applications, 2007, 43, 1164-1171.	4.9	0
206	Current-Mode LP CMOS Active Filter for Very Low Frequency Applications. , 2007, , .		1
207	Comprehensive Approach to Web Applications Testing and Performance Analysis. , 2007, , .		2
208	Universal E-commerce Platform. Use of Web Technologies. , 2007, , .		0
209	Generating Music Passages C++ Builder Component. , 2007, , .		0
210	Application for an Management of Hospital. , 2007, , .		0
211	Satellite Navigation System GPS. , 2007, , .		4
212	Internet Library Basing on J2EE Technologies. , 2007, , .		0
213	Integration of Internet Systems for Mobile Devices. Poll System. , 2007, , .		0
214	Readout System for Cost-Effective Radiation Monitoring System. IEEE Transactions on Nuclear Science, 2007, 54, 1178-1183.	2.0	0
215	Universal Customer Relationship Management Support System. , 2007, , .		0
216	Online games portal as an example of J2EE and RMI technology usage. , 2007, , .		0

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217	Thesis Management Supporting System based on J2EE Platform. , 2007, , .		2
218	Selected Methods of Spam Filtering in Email. , 2007, , .		3
219	Application of structure functions for the investigation of forced air cooling. , 2007, , .		3
220	Graph Theory and Web Technologies Application for Train Timetable Database Handling. , 2007, , .		0
221	Aircraft Control System Application based on Apache Struts MVC Framework. , 2007, , .		2
222	Object Oriented Application Cooperation Methods with Relational Database (ORM) based on J2EE Technology. , 2007, , .		5
223	PERPLEXUS: Pervasive Computing Framework for Modeling Complex Virtually-Unbounded Systems. , 2007, , .		21
224	<title>Direct digital modulation system for LLRF</title>. , 2007, , .		0
225	Thermal analysis of layered electronic circuits with Green's functions. Microelectronics Journal, 2007, 38, 177-184.	2.0	26
226	Operation of a free-electron laser from the extreme ultraviolet to the water window. Nature Photonics, 2007, 1, 336-342.	31.4	1,455
227	The Impact Of Technology Parameters On The Performance Of Common-gate LNAs. , 2006, , .		3
228	Update and Modification Application for WWW Templates. , 2006, , .		0
229	Electronic Document Management System. , 2006, , .		4
230	Distributed Application For Collecting Data From Mobile Devices. , 2006, , .		1
231	Easily Extendible Framework For Computational Purposes Based On Javasever Faces. , 2006, , .		2
232	Modeling of Vocal Tract. , 2006, , .		0
233	A Distributed System for Radiation Monitoring at Linear Accelerators. IEEE Transactions on Nuclear Science, 2006, 53, 2008-2015.	2.0	17
234	The Concept Of The System For Analysis And Simulation Of Neurons And Their Environment. , 2006, , .		0

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235	Web Application For Project Management Based On Open Source Solutions. , 2006, , .		2
236	Distributed Applications Testing Methods. , 2006, , .		3
237	Detection Of Endpoints Of Isolated Words Using Slope Transformation. , 2006, , .		1
238	Noise-power Trade-off In CMOS-G/sub M/-C Channel Select Filters. , 2006, , .		0
239	Configurable Client Email Application Working as Web Page. , 2006, , .		0
240	Investigations Of A Simple Emissivity Meter. , 2006, , .		0
241	Application Recognizing the Pitch of Human Voice and Presenting the Outcome in Music Notation. , 2006, , .		0
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