

Marek R Ogiela, Lifetime Fellow Spie, Fe

List of Publications by Year in descending order

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267
papers

2,864
citations

212478

28
h-index

312153

41
g-index

307
all docs

307
docs citations

307
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive Approach for Creation of Visual Security Codes. Lecture Notes in Networks and Systems, 2022, , 107-111.	0.5	0
2	Steganography in IoT: Information Hiding with APDS-9960 Proximity and Gestures Sensor. Sensors, 2022, 22, 2612.	2.1	9
3	CAPTCHA-based Login Scheme in Security Education. , 2022, , .		0
4	Differential privacy distributed learning under chaotic quantum particle swarm optimization. Computing (Vienna/New York), 2021, 103, 449-472.	3.2	4
5	Guest Editorial: Special Section on Cognitive Big Data Science Over Intelligent IoT Networking Systems in Industrial Informatics. IEEE Transactions on Industrial Informatics, 2021, 17, 2112-2115.	7.2	3
6	Comparison of Personal Security Protocols. Lecture Notes in Networks and Systems, 2021, , 672-678.	0.5	0
7	Eigenfaces-Based Steganography. Entropy, 2021, 23, 273.	1.1	6
8	Blockchain-Based Address Alias System. Journal of Theoretical and Applied Electronic Commerce Research, 2021, 16, 1280-1296.	3.1	9
9	Editorial: Special issue on "Internet of things and edge computing in the new 5G era". Digital Communications and Networks, 2021, 7, 167-169.	2.7	1
10	Federated Compressed Learning Edge Computing Framework with Ensuring Data Privacy for PM2.5 Prediction in Smart City Sensing Applications. Sensors, 2021, 21, 4586.	2.1	30
11	Linguistic methods in healthcare application and COVID-19 variants classification. Neural Computing and Applications, 2021, , 1-6.	3.2	4
12	Human oriented solutions for intelligent analysis, multimedia and communication systems. Concurrency Computation Practice and Experience, 2021, 33, e6532.	1.4	0
13	Imagechain"Application of Blockchain Technology for Images. Sensors, 2021, 21, 82.	2.1	19
14	Cognitive Based Authentication Protocol for Distributed Data and Web Technologies. Sensors, 2021, 21, 7265.	2.1	4
15	Eye Tracking Sensors as a Contactless Interfaces in Wireless Security Protocols. , 2021, , .		0
16	Cognitive security paradigm for cloud computing applications. Concurrency Computation Practice and Experience, 2020, 32, e5316.	1.4	40
17	Cognitive Personal Security Systems. Advances in Intelligent Systems and Computing, 2020, , 87-90.	0.5	2
18	RMoCap: an R language package for processing and kinematic analyzing motion capture data. Multimedia Systems, 2020, 26, 157-172.	3.0	4

#	ARTICLE	IF	CITATIONS
19	New public auditing protocol based on homomorphic tags for secure cloud storage. Concurrency Computation Practice and Experience, 2020, 32, e5600.	1.4	7
20	Lightweight and efficient approach for multi-secret steganography. International Journal of Embedded Systems, 2020, 12, 434.	0.2	4
21	Eye Movements as a Key in Cognitive Authentication Protocols. , 2020, , .		0
22	Intelligent Data Management and Security in Cloud Computing. Sensors, 2020, 20, 3458.	2.1	38
23	Distributed Steganography in PDF Filesâ€”Secrets Hidden in Modified Pages. Entropy, 2020, 22, 600.	1.1	8
24	Advanced approaches for information processing in multimedia, decisionâ€”making, and security systems. Concurrency Computation Practice and Experience, 2020, 32, e5665.	1.4	1
25	Application of Cognitive Protocols in Transformative Computing. Lecture Notes in Networks and Systems, 2020, , 428-432.	0.5	1
26	Application of Perceptual Features for User Authentication in Distributed Systems. Advances in Intelligent Systems and Computing, 2020, , 132-136.	0.5	1
27	Perception-Based Visual Authentication Codes. Lecture Notes in Electrical Engineering, 2020, , 279-284.	0.3	0
28	Lightweight and efficient approach for multi-secret steganography. International Journal of Embedded Systems, 2020, 12, 434.	0.2	0
29	Eye Tracking Solutions in Cognitive CAPTCHA Authentication. , 2020, , .		1
30	Cognitive Informatics Approaches for Data Sharing and Management in Cloud Computing. Advances in Intelligent Systems and Computing, 2019, , 432-437.	0.5	0
31	Computer System Prototype for Qualitative and Quantitative Evaluation of Selected Movement Activities. , 2019, , .		0
32	Visual Cognitive CAPTCHA Based on Expert Knowledge. , 2019, , .		1
33	ECC-Based Advanced Personal Identification Study With Adjusted (Q_{<i>i</i>} * S_{<i>i</i>}) Tj ETQq1 1 0,784314 rgBT /Ove	2.6	11
34	Cognitive solutions for security and cryptography. Cognitive Systems Research, 2019, 55, 258-261.	1.9	7
35	Authentication Protocols Using Multi-level Cognitive CAPTCHA. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 114-119.	0.5	2
36	Head Motion Classification for Single-Accelerometer Virtual Reality Hardware. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Multiply information coding and hiding using fuzzy vault. <i>Soft Computing</i> , 2019, 23, 4357-4366.	2.1	12
38	How Repetitive are Karate Kicks Performed by Skilled Practitioners?. , 2018, , .		4
39	Bioâ€inspired and cognitive approaches in cryptography and security applications. <i>Concurrency Computation Practice and Experience</i> , 2018, 30, e4385.	1.4	1
40	Cognitive cryptography techniques for intelligent information management. <i>International Journal of Information Management</i> , 2018, 40, 21-27.	10.5	16
41	Intelligent approaches for security technologies. <i>Concurrency Computation Practice and Experience</i> , 2018, 30, e4408.	1.4	3
42	Cognitive systems and operations research in big data and cloud computing. <i>Annals of Operations Research</i> , 2018, 265, 183-186.	2.6	7
43	Human actions recognition from motion capture recordings using signal resampling and pattern recognition methods. <i>Annals of Operations Research</i> , 2018, 265, 223-239.	2.6	10
44	Towards cognitive service management and semantic information sharing in the Cloud. <i>Multimedia Tools and Applications</i> , 2018, 77, 18625-18635.	2.6	1
45	Application of Cognitive Cryptography in Fog and Cloud Computing. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2018, , 293-298.	0.5	1
46	What Can Be Learned from Bigrams Analysis of Messages in Social Network?. , 2018, , .		3
47	Classification of Karate Kicks with Hidden Markov Models Classifier and Angle-Based Features. , 2018, , .		8
48	Averaging of motion capture recordings for movementsâ€™ templates generation. <i>Multimedia Tools and Applications</i> , 2018, 77, 30353-30380.	2.6	3
49	Application of knowledgeâ€based cognitive CAPTCHA in Cloud of Things security. <i>Concurrency Computation Practice and Experience</i> , 2018, 30, e4769.	1.4	11
50	Signal Processing Methods in Human Motion Path Analysis: A Use Case for Karate Kata. , 2018, , .		0
51	Supporting Rehabilitation Process with Novel Motion Capture Analysis Method. , 2018, , .		0
52	Cognitive Cryptography in Advanced Data Security. , 2018, , .		0
53	Cognitive and Biometric Approaches to Secure Services Management in Cloud-Based Technologies. <i>IEEE Cloud Computing</i> , 2018, 5, 70-76.	5.3	5
54	Comparison of Selected Homomorphic Encryption Techniques. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
55	Security of Distributed Ledger Solutions Based on Blockchain Technologies. , 2018, , .		9
56	Embedding Strategies in Multi-secret Steganography. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 296-300.	0.5	1
57	Behavioral Security in Cloud and Fog Computing. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 849-854.	0.5	0
58	Application of cognitive systems to data sharing in Cloud Computing. , 2018, , .		0
59	Application of blockchain technologies for secure information management. , 2018, , .		0
60	Insider Threats and Cryptographic Techniques in Secure Information Management. IEEE Systems Journal, 2017, 11, 405-414.	2.9	55
61	Clustering of trending topics in microblogging posts: A graph-based approach. Future Generation Computer Systems, 2017, 67, 297-304.	4.9	18
62	Cognitive Keys in Personalized Cryptography. , 2017, , .		34
63	Initial proposition of kinematics model for selected karate actions analysis. Proceedings of SPIE, 2017, , .	0.8	1
64	Data-driven approach to human motion modeling with Lua and gesture description language. , 2017, , .		0
65	Safety and Standardization of Data Sharing Techniques and Protocols for Management of Strategic Data. , 2017, , .		2
66	New paradigms for information and services management in grid and pervasive computing. Future Generation Computer Systems, 2017, 67, 227-229.	4.9	3
67	Application of Personalized Cryptography in Cloud Environment. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 253-257.	0.5	0
68	Behavioral patterns in security applications. , 2017, , .		0
69	Security of visual codes in service management in the cloud. , 2017, , .		3
70	Biometric Traits in Multi-secret Digital Steganography. Lecture Notes in Computer Science, 2017, , 313-319.	1.0	0
71	Advanced human motion analysis and visualization: Comparison of mawashi-geri kick of two elite karate athletes. , 2017, , .		3
72	The open online repository of karate motion capture data: A tool for scientists and sport educators. , 2017, , .		7

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73	Human Actions Analysis: Templates Generation, Matching and Visualization Applied to Motion Capture of Highly-Skilled Karate Athletes. <i>Sensors</i> , 2017, 17, 2590.	2.1	39
74	Multi-level Steganography Based on Fuzzy Vault Systems and Secret Sharing Techniques. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017, , 115-121.	0.2	1
75	Averaging Three-Dimensional Time-Varying Sequences of Rotations: Application to Preprocessing of Motion Capture Data. <i>Lecture Notes in Computer Science</i> , 2017, , 17-28.	1.0	4
76	Concealing Additional Secrets Using Sharing Approach in Steganography. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2017, , 507-512.	0.5	0
77	Comparison of Biometric and Linguistic Secret Sharing Protocols. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2017, , 501-505.	0.5	0
78	Cognitive approaches for patterns analysis and security applications. , 2017, , .		0
79	Classification of cognitive systems dedicated to data sharing. , 2017, , .		0
80	Rule-Based Action Recognition: Performance Comparison between Lua and GDL Script Language. , 2016, , .		1
81	Efficiency of Strategic Data Sharing and Management Protocols. , 2016, , .		33
82	Clusters of Trends Detection in Microblogging: Simple Natural Language Processing vs Hashtags â€œWhich is More Informative?â€ . , 2016, , .		3
83	Heuristic approach for computer-aided lesion detection in mammograms. <i>Soft Computing</i> , 2016, 20, 4193-4202.	2.1	5
84	Special issue on natural and secure computing in modern soft computing application. <i>Soft Computing</i> , 2016, 20, 1667-1669.	2.1	0
85	The adaptation of GDL motion recognition system to sport and rehabilitation techniques analysis. <i>Journal of Medical Systems</i> , 2016, 40, 137.	2.2	8
86	Data Understanding Techniques for Management Application and Cryptography. , 2016, , .		5
87	Knowledge Management Approaches for Data Understanding. , 2016, , .		2
88	On Using Cognitive Models in Cryptography. , 2016, , .		39
89	Bio-Inspired Cryptographic Techniques in Information Management Applications. , 2016, , .		34
90	A Novel Approach to Geocaching Event Prognosis Using Spatiotemporal Data. , 2016, , .		0

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91	Human actions recognition on multimedia hardware using angle-based and coordinate-based features and multivariate continuous hidden Markov model classifier. Multimedia Tools and Applications, 2016, 75, 16265-16285.	2.6	9
92	Application of Neural Network for Human Actions Recognition. Communications in Computer and Information Science, 2016, , 183-191.	0.4	0
93	Digital images authentication scheme based on bimodal biometric watermarking in an independent domain. Journal of Visual Communication and Image Representation, 2016, 38, 1-10.	1.7	33
94	Innovative security technologies against insider threats and data leakage. International Journal of Computer Mathematics, 2016, 93, 236-238.	1.0	2
95	Bio-inspired approaches for secret data sharing techniques. , 2015, , .		6
96	False and multi-secret steganography in digital images. Soft Computing, 2015, 19, 3331-3339.	2.1	34
97	Visual pattern embedding in multi-secret image steganography. , 2015, , .		4
98	Intelligent technologies and applications for big data analytics. Software - Practice and Experience, 2015, 45, 1019-1021.	2.5	0
99	Application of hidden markov models and gesture description language classifiers to Oyama karate techniques recognition. , 2015, , .		0
100	Application of Assistive Computer Vision Methods to Oyama Karate Techniques Recognition. Symmetry, 2015, 7, 1670-1698.	1.1	29
101	Usability of the Fuzzy Vault Scheme Applied to Predetermined Palm-Based Gestures as a Secure Behavioral Lock. , 2015, , .		0
102	Efficiency of Cognitive Information Systems Supporting Enterprise Management Tasks. , 2015, , .		6
103	Comparison of Cognitive Information Systems Supporting Management Tasks. , 2015, , .		7
104	On Using Palm and Finger Movements as a Gesture-Based Biometrics. , 2015, , .		7
105	Learning from Annotated Video: An Initial Study Based on Oyama Karate Tournament Recordings. , 2015, , .		3
106	Personalized Cryptography in Data Sharing and Management. , 2015, , .		2
107	Bio-inspired Algorithms in Data Management Processes. , 2015, , .		2
108	Semantic Data Analysis Algorithms Supporting Decision-Making Processes. , 2015, , .		5

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109	The Touchless Person Authentication Using Gesture-Types Emulation of Handwritten Signature Templates. , 2015, , .		3
110	Human Actions Modelling and Recognition in Low-Dimensional Feature Space. , 2015, , .		6
111	Fuzzy Vault Schemes in Multi-secret Digital Steganography. , 2015, , .		7
112	Effectiveness Comparison of Kinect and Kinect 2 for Recognition of Oyama Karate Techniques. , 2015, , .		16
113	Biometric Extensions for Secret Sharing Protocols. , 2015, , .		1
114	Key Generation for Multi-Secret Steganography. , 2015, , .		4
115	Full body movements recognition “unsupervised learning approach with heuristic R-GDL method. , 2015, 46, 239-252.		22
116	Biometric Methods for Advanced Strategic Data Sharing Protocols. , 2015, , .		37
117	Biometric watermarks based on face recognition methods for authentication of digital images. Security and Communication Networks, 2015, 8, 1672-1687.	1.0	8
118	Image Processing, Pattern Recognition, and Semantic Understanding Techniques. Advances in Computer Vision and Pattern Recognition, 2015, , 1-70.	0.9	2
119	Management Information Systems. Lecture Notes in Electrical Engineering, 2015, , 449-456.	0.3	31
120	Security in Management of Distributed Information. Lecture Notes in Electrical Engineering, 2015, , 457-462.	0.3	2
121	Qualitative Evaluation of Full Body Movements with Gesture Description Language. , 2015, , .		3
122	Cognitive Methods for Semantic Image Analysis in Medical Imaging Applications. Advances in Computer Vision and Pattern Recognition, 2015, , 71-91.	0.9	0
123	Brain and Neck Visualization Techniques. Advances in Computer Vision and Pattern Recognition, 2015, , 153-204.	0.9	0
124	Computer Analysis of Brain Perfusion and Neck Angiography Images. Advances in Computer Vision and Pattern Recognition, 2015, , 93-151.	0.9	0
125	Natural User Interfaces for Exploring and Modeling Medical Images and Defining Gesture Description Technology. Advances in Computer Vision and Pattern Recognition, 2015, , 205-279.	0.9	1
126	Unsupervised Learning of GDL Classifier. , 2014, , .		1

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127	Linguistic Approach to Modeling of Coronary Arteries in Semantic Techniques of Image Retrieval. , 2014, , .		0
128	Protocol for irreversible off-line transactions in anonymous electronic currency exchange. Soft Computing, 2014, 18, 2587-2594.	2.1	6
129	Improved Cryptographic protocol for digital coin exchange. , 2014, , .		2
130	Cognitive Management Systems. , 2014, , .		5
131	Data Mining and Semantic Inference in Cognitive Systems. , 2014, , .		42
132	Recognition of Body Movements Patterns for Immersive Virtual Reality System Interface. , 2014, , .		3
133	Computer-Aided Enterprise Management. , 2014, , .		2
134	Advance in Safe and Useful Social Network Services with Context-Sensitive Data in Cyber-Physical System. International Journal of Distributed Sensor Networks, 2014, 10, 589276.	1.3	0
135	Cryptographic Techniques in Advanced Information Management. , 2014, , .		7
136	Intelligent Bio-inspired Approach for Secrecy Management in the Cloud. , 2014, , .		3
137	Security and Privacy in Distributed Information Management. , 2014, , .		8
138	Full-body gestures and movements recognition: user descriptive and unsupervised learning approaches in GDL classifier. , 2014, , .		8
139	Application of centerline detection and deformable contours algorithms to segmenting the carotid lumen. Journal of Electronic Imaging, 2014, 23, 023006.	0.5	3
140	Cognitive information systems in secure information management and personalized cryptography. , 2014, , .		0
141	Rule-based approach to recognizing human body poses and gestures in real time. Multimedia Systems, 2014, 20, 81-99.	3.0	95
142	Cognitive systems for intelligent business information management in cognitive economy. International Journal of Information Management, 2014, 34, 751-760.	10.5	52
143	Soft computing for security services in smart and ubiquitous environments. Soft Computing, 2014, 18, 1655-1658.	2.1	6
144	Cognitive systems and bio-inspired computing in homeland security. Journal of Network and Computer Applications, 2014, 38, 34-42.	5.8	41

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145	Qualitative Evaluation of Full Body Movements with Gesture Description Language. , 2014, , .		2
146	Secure Information Management Using Linguistic Threshold Approach. Advanced Information and Knowledge Processing, 2014, , .	0.2	38
147	Features of Linguistic Threshold Schemes. Advanced Information and Knowledge Processing, 2014, , 125-129.	0.2	4
148	Types of Information Splitting and Sharing Techniques. Advanced Information and Knowledge Processing, 2014, , 15-38.	0.2	0
149	Methodological Aspects of Information Sharing and Management in Organizations. Advanced Information and Knowledge Processing, 2014, , 71-123.	0.2	0
150	Model of Multilevel Information Splitting and Management in an Organization. Advanced Information and Knowledge Processing, 2014, , 39-52.	0.2	0
151	Advanced Techniques for Computer Sharing and Management of Strategic Data. Lecture Notes in Computer Science, 2014, , 521-525.	1.0	0
152	Protocol for Detection of Counterfeit Transactions in Electronic Currency Exchange. Communications in Computer and Information Science, 2014, , 145-152.	0.4	1
153	Crypto-Biometric Models for Information Secrecy. Lecture Notes in Computer Science, 2014, , 172-178.	1.0	0
154	Cognitive analysis system for description and recognition of pathological changes in coronary arteries structure. Mathematical and Computer Modelling, 2013, 58, 1441-1448.	2.0	4
155	Special Issue on "Advances in mobile, ubiquitous and cognitive computing". Mathematical and Computer Modelling, 2013, 58, 1138-1139.	2.0	0
156	Information Splitting Using Crypto-biometrics Approach. , 2013, , .		0
157	Cognitive and secure computing in Information Management. International Journal of Information Management, 2013, 33, 243-244.	10.5	4
158	Automatic segmentation of the carotid artery bifurcation region with a region-growing approach. Journal of Electronic Imaging, 2013, 22, 033029.	0.5	11
159	Matrix-Based Hierarchical Graph Matching in Off-Line Handwritten Signatures Recognition. , 2013, , .		8
160	Supporting the recognition of pathological changes in CT coronary arteries visualizations based on data aggregation approach. , 2013, , .		1
161	Cognitive Information Systems in Ubiquitous Computing. , 2013, , .		1
162	Modern cognitive and ubiquitous computing. Neurocomputing, 2013, 122, 1-2.	3.5	2

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163	Application of neural networks in detection of abnormal brain perfusion regions. Neurocomputing, 2013, 122, 33-42.	3.5	33
164	UBMLRSSâ€“Cognitive Financial Information Systems. Lecture Notes in Electrical Engineering, 2013, , 177-184.	0.3	0
165	Intelligent UBMS Systems for Strategic Information Management. Lecture Notes in Computer Science, 2013, , 408-413.	1.0	0
166	Framework for cognitive analysis of dynamic perfusion computed tomography with visualization of large volumetric data. Journal of Electronic Imaging, 2012, 21, 043017.	0.5	22
167	Neural Network Approach for Identification of Selected Brain Perfusion Abnormalities. , 2012, , .		0
168	Medical Visualizations in Secure Bio Computing. , 2012, , .		2
169	Cognitive Analysis Systems for 3D Image Data Interpretation. , 2012, , .		0
170	Advanced Information Fusion Approach to Heart Vessel Modelling and Recognition. , 2012, , .		1
171	Data Aggregation Techniques in Heart Vessel Modelling and Recognition of Pathological Changes. , 2012, , .		3
172	Advances in Cognitive Information Systems. Cognitive Systems Monographs, 2012, , .	0.1	57
173	DNA-like linguistic secret sharing for strategic information systems. International Journal of Information Management, 2012, 32, 175-181.	10.5	57
174	Defending against insider threats and internal data leakage. Security and Communication Networks, 2012, 5, 831-833.	1.0	1
175	Visualization of perfusion abnormalities with GPU-based volume rendering. Computers and Graphics, 2012, 36, 163-169.	1.4	22
176	Linguistic protocols for secure information management and sharing. Computers and Mathematics With Applications, 2012, 63, 564-572.	1.4	56
177	Recent Advances in Pattern Classification. Studies in Computational Intelligence, 2012, , 1-4.	0.7	3
178	Beginnings of Cognitive Science. Cognitive Systems Monographs, 2012, , 1-18.	0.1	10
179	Fundamentals of Cognitive Informatics. Cognitive Systems Monographs, 2012, , 19-49.	0.1	3
180	Semantic Techniques of Image Retrieval â€“ The Example of a Structural Analysis of Coronary Arteries. Lecture Notes in Computer Science, 2012, , 460-467.	1.0	2

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181	Semantic Description and Recognition of Human Body Poses and Movement Sequences with Gesture Description Language. Communications in Computer and Information Science, 2012, , 1-8.	0.4	17
182	Secure Information Sharing Using Personal Biometric Characteristics. Communications in Computer and Information Science, 2012, , 369-373.	0.4	18
183	Bio-Inspired Image Analysis Using E-Ubias Cognitive Systems. Smart Innovation, Systems and Technologies, 2012, , 245-252.	0.5	0
184	Information Fusion Approach in Computer-Aided Detection of Pathological Changes. Smart Innovation, Systems and Technologies, 2012, , 45-50.	0.5	3
185	Segmentation and Visualization of Tubular Structures in Computed Tomography Angiography. Lecture Notes in Computer Science, 2012, , 495-503.	1.0	5
186	Evaluation of Carotid Artery Segmentation with Centerline Detection and Active Contours without Edges Algorithm. Lecture Notes in Computer Science, 2012, , 468-478.	1.0	2
187	Semantic Analysis Processes in UBIAS Systems for Cognitive Data Interpretation. , 2011, , .		11
188	Secure Information Management Protocol Based on Linguistic Sharing Techniques. , 2011, , .		2
189	Intelligent Image Content Description and Analysis for 3D Visualizations of Coronary Vessels. Lecture Notes in Computer Science, 2011, , 193-202.	1.0	5
190	Intelligent image content semantic description for cardiac 3D visualisations. Engineering Applications of Artificial Intelligence, 2011, 24, 1410-1418.	4.3	27
191	Computer analysis of gallbladder ultrasonic images towards recognition of pathological lesions. Opto-electronics Review, 2011, 19, .	2.4	9
192	A system for detecting and describing pathological changes using dynamic perfusion computer tomography brain maps. Computers in Biology and Medicine, 2011, 41, 402-410.	3.9	35
193	Semantic Analysis Processes in Advanced Pattern Understanding Systems. Communications in Computer and Information Science, 2011, , 26-30.	0.4	34
194	Secure Information Management in Hierarchical Structures. Communications in Computer and Information Science, 2011, , 31-35.	0.4	34
195	Intelligent Information System for Interpretation of Dynamic Perfusion Brain Maps. Lecture Notes in Computer Science, 2011, , 406-415.	1.0	0
196	The use of mathematical linguistic methods in creating secret sharing threshold algorithms. Computers and Mathematics With Applications, 2010, 60, 267-271.	1.4	46
197	Automatic Detection and Lesion Description in Cerebral Blood Flow and Cerebral Blood Volume Perfusion Maps. Journal of Signal Processing Systems, 2010, 61, 317-328.	1.4	17
198	Security and Communication Networks (SCN), Wiley Online Library Special Issue on "Defending Against Insider Threats and Internal Data Leakage" - http://wileyonlinelibrary.com/journal/sec . Security and Communication Networks, 2010, 3, 355-356.	1.0	0

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199	Discretization as the enabling technique for the Naïve Bayes and semi-Naïve Bayes-based classification. Knowledge Engineering Review, 2010, 25, 421-449.	2.1	21
200	Towards New Classes of Cognitive Vision Systems. , 2010, , .		2
201	Security Mechanisms in Network Protocols. , 2010, , .		1
202	Cognitive approach to bio-inspired medical image understanding. , 2010, , .		7
203	Grammar Encoding in DNA-Like Secret Sharing Infrastructure. Lecture Notes in Computer Science, 2010, , 175-182.	1.0	32
204	Augmented Reality Interface for Visualization of Volumetric Medical Data. Advances in Intelligent and Soft Computing, 2010, , 271-277.	0.2	6
205	Cognitive Informatics in Medical Image Semantic Content Understanding. Communications in Computer and Information Science, 2010, , 131-138.	0.4	6
206	Cognitive Informatics for New Classes of Economic and Financial Information Systems. Communications in Computer and Information Science, 2010, , 188-194.	0.4	1
207	Notes on a Linguistic Description as the Basis for Automatic Image Understanding. International Journal of Applied Mathematics and Computer Science, 2009, 19, 143-150.	1.5	10
208	Mathematical Linguistics in Cognitive Medical Image Interpretation Systems. Journal of Mathematical Imaging and Vision, 2009, 34, 328-340.	0.8	10
209	Effective Filtration Techniques for Gallbladder Ultrasound Images with Variable Contrast. Journal of Signal Processing Systems, 2009, 54, 127-144.	1.4	4
210	New approach to gallbladder ultrasonic images analysis and lesions recognition. Computerized Medical Imaging and Graphics, 2009, 33, 154-170.	3.5	38
211	Picture grammars in classification and semantic interpretation of 3D coronary vessels visualisations. Opto-electronics Review, 2009, 17, .	2.4	9
212	Cognitive Reasoning in UBIAS Systems Supporting Interpretation of Medical Images. , 2009, , .		1
213	Cognitive aspects performed in the human mind. Studies in Computational Intelligence, 2009, , 29-39.	0.7	2
214	Security of Linguistic Threshold Schemes in Multimedia Systems. Studies in Computational Intelligence, 2009, , 13-20.	0.7	22
215	Secure Information Splitting Using Grammar Schemes. Studies in Computational Intelligence, 2009, , 327-336.	0.7	40
216	Image Content Analysis for Cardiac 3D Visualizations. Lecture Notes in Computer Science, 2009, , 192-199.	1.0	6

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217	Shadow Generation Protocol in Linguistic Threshold Schemes. Communications in Computer and Information Science, 2009, , 35-42.	0.4	23
218	AUTOMATIC INFORMATION PROCESSING AND UNDERSTANDING IN COGNITIVE BUSINESS SYSTEMS. , 2009, , .		1
219	Cognitive Information Systems for Medical Pattern Analysis and Diagnosis Support Technologies. Studies in Computational Intelligence, 2009, , 13-19.	0.7	0
220	New Approach to Information Sharing Using Linguistic Threshold Schemes. Communications in Computer and Information Science, 2009, , 137-146.	0.4	0
221	Traditional pattern recognition techniques and latest image interpretation approaches. Studies in Computational Intelligence, 2009, , 7-27.	0.7	0
222	The fundamentals and development of Cognitive Informatics. Studies in Computational Intelligence, 2009, , 41-61.	0.7	0
223	UBIAS Systems supporting interpretation of radiological images. Studies in Computational Intelligence, 2009, , 413-419.	0.7	0
224	Cognitive techniques in medical information systems. Computers in Biology and Medicine, 2008, 38, 501-507.	3.9	22
225	The automatic understanding approach to systems analysis and design. International Journal of Information Management, 2008, 28, 38-48.	10.5	20
226	Cognitive Modeling in Medical Pattern Semantic Understanding. , 2008, , .		4
227	Cognitive Approach to Medical Pattern Recognition, Structure Modelling and Image Understanding. , 2008, , .		2
228	Medical pattern understanding based on cognitive linguistic formalisms and computational intelligence methods. , 2008, , .		1
229	Cognitive Categorization in Medical Structures Modeling and Image Understanding. , 2008, , .		2
230	Linguistic Extension for Secret Sharing (m, n)-Threshold Schemes. , 2008, , .		32
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