

Aljunid Syed Alwee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220 papers	1,444 citations	18 h-index	29 g-index
303 ext. papers	1,956 ext. citations	1.1 avg, IF	4.65 L-index

#	Paper	IF	Citations
220	Multi-RF and Generalized Single-RF Combination Models for Spatial Modulation and NOMA Technologies. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	
219	Global Quantum Information-Theoretic Measures in the Presence of Magnetic and Aharonov-Bohm (AB) Fields. <i>Symmetry</i> , 2022 , 14, 976	2.7	0
218	A Systematic review of Multi-Mode Fiber based on Dimensional Code in Optical-CDMA. <i>Journal of Physics: Conference Series</i> , 2021 , 1860, 012016	0.3	1
217	Development and Performance Improvement of a New Two-Dimensional Spectral/Spatial Code Using the Pascal Triangle Rule for OCDMA System. <i>Journal of Optical Communications</i> , 2021 , 42, 149-158 ^{1.2}		9
216	Design of a Hybrid WDMA-Optical-CDMA over Multi-Mode Fiber Transmission System based on LG Modes for Short Haul-Local Area Network. <i>Journal of Physics: Conference Series</i> , 2021 , 1793, 012016	0.3	
215	Performance Improvement of Optical Multiple Access CDMA Network Using a New Three-Dimensional (Spectral/Time/Spatial) Code. <i>Wireless Personal Communications</i> , 2021 , 118, 2675-2698 ^{1.9}		4
214	Comparison of Laguerre-Gaussian, Hermite-Gaussian and linearly polarized modes in SDM over FMF with electrical nonlinear equalizer 2020 ,		3
213	Performance enhancement of multiple access 3D-OCDMA networks using a pascal triangle codes. <i>Optical and Quantum Electronics</i> , 2020 , 52, 1	2.4	7
212	Temperature monitoring system using fiber Bragg grating (FBG) approach 2020 ,		2
211	Medical healthcare M2M system using the VLC system 2020 ,		2
210	Enrichment of wireless data transmission based on visible light communication for triple play service application 2020 ,		1
209	Development of a novel two-dimensional-SWZCC Code for spectral/spatial optical CDMA system. <i>Optics and Laser Technology</i> , 2019 , 109, 233-240	4.2	20
208	Generalized Single-RF Downlink NOMA-SM System 2019 ,		1
207	Design & investigation of 10x10 gbit/s MDM over hybrid FSO link under different weather conditions and fiber to the home 2019 , 8, 121-126		11
206	Dynamic evolving neural fuzzy inference system equalization scheme in mode division multiplexer for optical fiber transmission 2019 , 8, 127-135		8
205	Impact of rain weather over free space optic communication transmission. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019 , 14, 303	1.6	2
204	FBG sensor strain performance analysis using optisystem software too. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019 , 14, 564	1.6	2

203	Wireless Body Area Sensor Network: Tutorial Review. <i>Journal of Computational and Theoretical Nanoscience</i> , 2019 , 16, 4839-4852	0.3	1
202	Photodetector effects on the performance of 2D Spectral/Spatial code in OCDMA system. <i>Optik</i> , 2019 , 178, 1051-1061	2.5	5
201	Influence of Code Size Variation on the Performance of 2D Hybrid ZCC/MD in OCDMA System. <i>MATEC Web of Conferences</i> , 2018 , 150, 06018	0.3	1
200	Orthogonal Array Testing for Transmit Precoding based Codebooks in Space Shift Keying Systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 318, 012044	0.4	
199	Multiband slot-loaded dipole antenna for WLAN and LTE-A applications. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 63-68	1.6	13
198	MANET Routing Protocols Evaluation: AODV, DSR and DSDV Perspective. <i>MATEC Web of Conferences</i> , 2018 , 150, 06024	0.3	14
197	Design and Implementation of an Embedded Smart Intruder Surveillance System. <i>MATEC Web of Conferences</i> , 2018 , 150, 06019	0.3	1
196	Transmit Precoding Based Low Complexity Codebooks and Finite Feedback Rate for Space Shift Keying MIMO Systems. <i>Wireless Personal Communications</i> , 2018 , 101, 181-200	1.9	0
195	Phase Rotation Codebook Precoding for Space Shift Keying MIMO Systems. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 94-101	0.2	2
194	Evaluation of FSO System Availability in Haze Condition. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 318, 012077	0.4	3
193	Effects of Triangular Core Rotation of a Hybrid Porous Core Terahertz Waveguide. <i>International Journal of Electronics and Telecommunications</i> , 2017 , 63, 25-31		1
192	Optimization FSO Performance Under Strong Turbulence Effect By Enhanced New Carrier Data Transmission Technique. <i>MATEC Web of Conferences</i> , 2017 , 97, 01045	0.3	
191	Effective Design for Optical CDMA Based on Radio over Fiber (RoF) Technique. <i>MATEC Web of Conferences</i> , 2017 , 97, 01100	0.3	1
190	Compact multilayer wideband symmetric five-port reflectometer. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 802-805	1.2	4
189	Investigation on Heavy Precipitation Effects over FSO Link. <i>MATEC Web of Conferences</i> , 2017 , 97, 01113	0.3	1
188	Adaptive threshold determination for efficient channel sensing in cognitive radio network using mobile sensors 2017 ,		1
187	Cardinality enhancement utilizing Sequential Algorithm (SeQ) code in OCDMA system. <i>EPJ Web of Conferences</i> , 2017 , 162, 01022	0.3	
186	High range free space optic transmission using new dual diffuser modulation technique. <i>EPJ Web of Conferences</i> , 2017 , 162, 01026	0.3	1

185	Performance Improvement of Space Shift Keying MIMO Systems with Orthogonal Codebook-Based Phase-Rotation Precoding. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-12	1.9	1
184	The effect of total noise on two-dimension OCDMA codes. <i>EPJ Web of Conferences</i> , 2017 , 162, 01027	0.3	
183	Performance Comparison Of Triangle Antenna of 60 GHz for 5G Wireless Communication Network. <i>MATEC Web of Conferences</i> , 2017 , 140, 01008	0.3	
182	Optical Generation of 80 GHz Downstream Data in Radio over Fiber System Based on Stimulated Brillouin Scattering. <i>MATEC Web of Conferences</i> , 2017 , 140, 01020	0.3	1
181	Analysis of hybrid subcarrier multiplexing of OCDMA based on single photodiode detection. <i>EPJ Web of Conferences</i> , 2017 , 162, 01028	0.3	1
180	Development of wireless optical CDMA system for biosignal monitoring. <i>Optik</i> , 2017 , 145, 250-257	2.5	8
179	Analysis of the effect of BER and Q-factor on free space optical communication system using diverse wavelength technique. <i>EPJ Web of Conferences</i> , 2017 , 162, 01024	0.3	0
178	Two dimension MDW OCDMA code cross-correlation for reduction of phase induced intensity noise. <i>EPJ Web of Conferences</i> , 2017 , 162, 01031	0.3	
177	Performance Evaluation of Downlink Design Based on Free Space Optical System. <i>MATEC Web of Conferences</i> , 2017 , 140, 01001	0.3	
176	Performance Evaluation of a Novel Optimization Sequential Algorithm (SeQ) Code for FTTH Network. <i>MATEC Web of Conferences</i> , 2017 , 140, 01002	0.3	
175	Noise suppression system of OCDMA with spectral/spatial 2D hybrid code. <i>EPJ Web of Conferences</i> , 2017 , 162, 01025	0.3	1
174	Numerical Method for Constructing Fixed Right Shift (FRS) Code for SAC-OCDMA Systems. <i>International Journal of Advanced Computer Science and Applications</i> , 2017 , 8,	1.7	2
173	Simulation realization of 2-D wavelength/time system utilizing MDW code for OCDMA system. <i>EPJ Web of Conferences</i> , 2017 , 162, 01013	0.3	1
172	Low Loss Dispersion Flattened Hybrid Porous Core Photonic Crystal Fiber for Terahertz Wave Guiding. <i>Advanced Science Letters</i> , 2017 , 23, 3833-3837	0.1	
171	A novel hybrid optical code division multiple access in free space optical communication 2016 ,		3
170	SAC-OCDMA over Indoor Optical Wireless Communication (OWC) System Based on Zero Cross Correlation (ZCC) Code. <i>Materials Science Forum</i> , 2016 , 857, 603-607	0.4	1
169	Ultra-flat low material loss porous core THz waveguide with near zero flat dispersion. <i>Electronics Letters</i> , 2016 , 52, 863-865	1.1	12
168	Performance Analysis of DPSK-OCDMA System for Optical Access Network. <i>Journal of Optical Communications</i> , 2016 , 37,	1.2	1

167	Localization of outdoor mobile estimation using a single base station scattering distance technique. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1546-1551	1.2	2
166	Dispersion flattened low loss hybrid octa-circular porous core fiber for THz wave guiding 2016 ,		1
165	Hybrid (OCDMA/WDM) system using EDFA for optical access networks 2016 ,		2
164	Enhancement of free space optical communication system modulation using DDM technique 2016 ,		1
163	A high birefringent PCF with RDS matched dispersion compensation over S+C+L communication bands 2016 ,		1
162	NRZ and RZ analysis for optical CDMA based on radio over fiber (RoF) technique 2016 ,		4
161	Analysis of theoretical and simulated performance of indoor optical wireless system based on CDMA technology 2016 ,		1
160	Performance analysis of new multiplexed patten for duty-cycledivision multiplexing over optical communication system 2016 ,		1
159	Investigation of haze effects via utilizing different wavelength on free space optical communication 2016 ,		1
158	Design new hybrid system using differential phase shift keying (DPSK) modulation technique for optical access network 2016 ,		1
157	2016 ,		1
156	Ultra-high birefringent and dispersion-flattened low loss single-mode terahertz wave guiding. <i>IET Communications</i> , 2016 , 10, 1579-1583	1.3	10
155	Implementation of a passive optical network using coherent source spatial multiplexed SAC OCDMA 2016 ,		1
154	High speed transmission in giga bps performance for FSO communication using new modulation technique 2016 ,		1
153	Hybrid porous core low loss dispersion flattened fiber for THz propagation. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2016 , 22, 18-23	2.6	9
152	A new model to enhance the QoS of spectral amplitude coding-optical code division multiple access system with OFDM technique. <i>Optical and Quantum Electronics</i> , 2016 , 48, 1	2.4	9
151	Implementation of wireless power transfer system for Smart Home applications 2015 ,		8
150	2015 ,		8

149	A new two-code keying scheme for SAC-OCDMA systems enabling bipolar encoding. <i>Journal of Modern Optics</i> , 2015 , 62, 327-335	1.1	4
148	Outdoor location estimation for mobile based on single base station scattering distance 2015 ,		1
147	Modified Single Photo-diode (MSPD) Detection Technique for SAC-OCDMA System. <i>Journal of Optical Communications</i> , 2015 , 36, 1-5	1.2	2
146	Increasing the Capacity of SAC-OCDMA by Using OFDM Modulation. <i>Applied Mechanics and Materials</i> , 2015 , 793, 530-534	0.3	
145	Fiber Optic Sensors: Short Review and Applications. <i>Springer Series in Materials Science</i> , 2015 , 299-311	0.9	22
144	Development of OCDMA system based on Flexible Cross Correlation (FCC) code with OFDM modulation. <i>Optical Fiber Technology</i> , 2015 , 22, 7-12	2.4	5
143	The Evolution of Double Weight Codes Family in Spectral Amplitude Coding OCDMA. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 129-140	0.2	5
142	Wireless Sensor Network Wave Propagation in Vegetation. <i>Springer Series in Materials Science</i> , 2015 , 283-298	0.9	4
141	Performance Analysis of an OCDMA System Based on SPD Detection Utilizing Different Type of Optical Filters for Access Networks. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 309-319	0.2	
140	Upper and lower bounds for the bit error rate for multiple photodiode balanced detectors in SAC OCDMA systems 2014 ,		1
139	Enhancement of Performance of Multi Diagonal Code OCDMA System Using OFDM Technique. <i>Applied Mechanics and Materials</i> , 2014 , 679, 30-34	0.3	2
138	Cardinality enrichment of flexible cross correlation (FCC) code for SAC-OCDMA system by alleviation interference scheme (AIS). <i>Optik</i> , 2014 , 125, 4889-4894	2.5	8
137	Investigating security of data retrieval for different detection techniques in SAC-OCDMA systems 2014 ,		1
136	HIGH-SPEED APPROACH FOR DELINEATING P AND T WAVES CHARACTERISTICS IN ELECTROCARDIOGRAM SIGNAL. <i>Journal of Mechanics in Medicine and Biology</i> , 2014 , 14, 1430003	0.7	1
135	Impact of different transceiver design on the performance of SAC-OCDMA systems 2014 ,		2
134	An innovative encoding/decoding architecture based on two-code keying for SAC-OCDMA systems 2014 ,		1
133	Improve the bit error rate performance of free space optic due to atmospheric turbulence using new dual diffuser modulation 2014 ,		2
132	Enhanced cardinality and effective transmitted power of 2-D extended-EDW OCDMA code 2014 ,		1

131	A novel encoding and decoding structure for SAC-OCDMA systems enabling high-rate transmission 2014 ,		1
130	Improving OCDMA System via Combination of OFDM/OCDMA Techniques. <i>Applied Mechanics and Materials</i> , 2014 , 699, 937-941	0.3	
129	Review on two dimensional code of noncoherent OCDMA systems 2014 ,		2
128	Alleviation Interference Scheme Analysis Using Flexible Cross Correlation (FCC) Code for SAC-OCDMA Systems. <i>Applied Mechanics and Materials</i> , 2014 , 699, 931-936	0.3	
127	An optimal cardinality of wavelength/time incoherent OCDMA system using 2-D hybrid FCC-MDW code 2014 ,		2
126	Noise mitigation for OCDMA system with wavelength/time 2D hybrid code 2014 ,		1
125	Simulative Effect of Cyclic Prefix in Optical OFDM. <i>Applied Mechanics and Materials</i> , 2014 , 661, 190-194	0.3	
124	Performance analysis of 2-D Extended-EDW Code for optical CDMA system 2014 ,		5
123	A new two dimensional spectral/spatial multi-diagonal code for noncoherent optical code division multiple access (OCDMA) systems. <i>Optics Communications</i> , 2014 , 329, 28-33	2	33
122	A New Design for a Motorway Surveillance System Using a Wireless Ad-Hoc Camera Network to Improve Safety. <i>Arabian Journal for Science and Engineering</i> , 2014 , 39, 2783-2797		2
121	Enhanced Performance of SAC-OCDMA System based on SPD Detection Utilizing EDFA for Access Networks. <i>Journal of Communications</i> , 2014 , 9, 99-106	0.5	11
120	Impact of Multi-Diagonal Code on High-Speed Spectral Amplitude Coding Optical Code Division Multiple-Access Networks. <i>Arabian Journal for Science and Engineering</i> , 2013 , 38, 2389-2397		2
119	Study of the OCDMA Transmission Characteristics in FSO-FTTH at Various Distances, Outdoor. <i>Journal of Optical Communications</i> , 2013 , 34, 127-133	1.2	2
118	Toward Optical Sensors: Review and Applications. <i>Journal of Physics: Conference Series</i> , 2013 , 423, 012064	4.3	24
117	PIN versus Avalanche photodiode gain optimization in zero cross correlation optical code division multiple access system. <i>Optik</i> , 2013 , 124, 371-375	2.5	14
116	Improvement of the bit error rate of a non-coherent OCDMA system for FTTH network applications. <i>Optical and Quantum Electronics</i> , 2013 , 45, 1307-1318	2.4	3
115	Channel Spacing Effect on SAC-OCDMA System Based Modified-AND Subtraction Detection Scheme. <i>Key Engineering Materials</i> , 2013 , 594-595, 1059-1065	0.4	1
114	High speed approach for detecting QRS complex characteristics in single lead electrocardiogram signal 2013 ,		2

113	Enhanced probability density function using APD in SAC-OCDMA systems based SPD technique 2013 ,		1
112	Intensity noise mitigation in SAC OCDMA systems using a divided spectrum balanced detection scheme 2013 ,		2
111	2013 ,		2
110	A divided spectrum balanced detection technique for intensity noise reduction in SAC OCDMA systems. <i>Optik</i> , 2013 , 124, 5994-5999	2.5	9
109	New Design of Flexible Cross Correlation (FCC) Code for SAC-OCDMA System. <i>Procedia Engineering</i> , 2013 , 53, 420-427		20
108	Optimization of free space optics parameters: An optimum solution for bad weather conditions. <i>Optik</i> , 2013 , 124, 3969-3973	2.5	84
107	Cardinality enhancement of spectral/spatial modified double weight code optical code division multi-access system by PIIN suppression. <i>Optik</i> , 2013 , 124, 3786-3793	2.5	21
106	Performance enhancement of OCDMA system using NAND detection with modified double weight (MDW) code for optical access network. <i>Optik</i> , 2013 , 124, 1402-1407	2.5	18
105	Performance evaluation of Fi-Wi network based on SCM optical code division multiple access architecture. <i>Optik</i> , 2013 , 124, 4046-4051	2.5	1
104	A new code design for spectral amplitude coding optical CDMA systems using fiber bragg-grating. <i>Journal of Optics (India)</i> , 2013 , 42, 110-115	1.3	6
103	2013 ,		2
102	A study on rain attenuation impact on hybrid SCM-SAC OCDMA-FSO system 2013 ,		3
101	2013 ,		1
100	Effective Design for Fiber-to-the-Home Access Network Using Flexible Cross Correlation (FCC) Code. <i>Key Engineering Materials</i> , 2013 , 594-595, 1047-1051	0.4	
99	A Robust Approach for Detecting QRS Complexes of Electrocardiogram Signal with Different Morphologies. <i>Key Engineering Materials</i> , 2013 , 594-595, 972-979	0.4	
98	Enhance the Performance of Free Space Optical (FSO) Communication due to Atmospheric Turbulence via the Dual Diffuser Modulation (DDM). <i>Key Engineering Materials</i> , 2013 , 594-595, 1027-1031	0.4	1
97	Comparison of Single Mode Fiber and Multimode Fiber in Deployment of SCM-OCDMA in Local Area Network. <i>Key Engineering Materials</i> , 2013 , 594-595, 1037-1040	0.4	
96	Realization of Wavelength-Time Modified Double Weight Codes Optical Code Division Multiple Access System. <i>Key Engineering Materials</i> , 2013 , 594-595, 1052-1058	0.4	0

95	Increasing Capacity and Suppress the Crosstalk by Using Hybrid Optical OFDM/WDM System. <i>Key Engineering Materials</i> , 2013 , 594-595, 1041-1044	0.4	1
94	Encoder-decoder design for SAC-OCDMA using Flexible Cross Correlation (FCC) code algorithms 2013 ,		2
93	A study in OCS millimeter-wave generation using two parallel DD-MZMs 2013 ,		3
92	SOA/SPD-based incoherent SAC-OCDMA system at 9.5Gbps. <i>IEICE Electronics Express</i> , 2013 , 10, 20130044-20130044		3
91	Path Loss Analysis of WSN Wave Propagation in Vegetation. <i>Journal of Physics: Conference Series</i> , 2013 , 423, 012063	0.3	5
90	DEVELOPMENT OF A NEW APPROACH FOR HIGH-QUALITY QUADRUPLING FREQUENCY OPTICAL MILLIMETER-WAVE SIGNAL GENERATION WITHOUT OPTICAL FILTER. <i>Progress in Electromagnetics Research</i> , 2013 , 134, 189-208	3.8	9
89	A COST-EFFECTIVE METHOD FOR HIGH-QUALITY 60 GHZ OPTICAL MILLIMETER WAVE SIGNAL GENERATION BASED ON FREQUENCY QUADRUPLING. <i>Progress in Electromagnetics Research</i> , 2013 , 137, 255-274	3.8	10
88	Performance analysis of wavelength multiplexed SAC OCDMA codes in beat noise mitigation in SAC OCDMA systems. <i>Journal of the European Optical Society-Rapid Publications</i> , 2013 , 8,	2.5	7
87	Reducing BER of spectral-amplitude coding optical code-division multiple-access systems by single photodiode detection technique. <i>Journal of the European Optical Society-Rapid Publications</i> , 2013 , 8,	2.5	30
86	Alleviation Noise Effect Using Flexible Cross Correlation Code in Spectral Amplitude Coding Optical Code Division Multiple Access Systems. <i>Journal of Communications</i> , 2013 , 8, 101-109	0.5	4
85	Variable cross-correlation code construction for spectral amplitude coding optical CDMA networks. <i>Optik</i> , 2012 , 123, 956-963	2.5	6
84	Performance analysis of spectral-amplitude-coding optical CDMA systems with new subtract exclusive OR detection (SED) using vectors combinatorial (VC) code. <i>Optik</i> , 2012 , 123, 1352-1359	2.5	10
83	Improving spectral efficiency of SAC-OCDMA systems by SPD scheme. <i>IEICE Electronics Express</i> , 2012 , 9, 1829-1834	0.5	18
82	Performance comparison of different detection techniques in long-haul fiber SAC-OCDMA systems 2012 ,		7
81	Hybrid subcarrier multiplexing Wavelength Division Multiplexing using laser and LED spectral slicing architecture 2012 ,		1
80	Design and evaluation Fiber-to-the-Home network based on DCS code 2012 ,		1
79	Wireless sensor network wave propagation in vegetation: Review and simulation 2012 ,		1
78	Improved probability density function using modified-AND detection technique for incoherent SAC-OCDMA systems 2012 ,		2

77	Triple-play services using different detection techniques for SAC-OCDMA systems 2012 ,		5
76	Improved BER based on intensity noise alleviation using developed detection technique for incoherent SAC-OCDMA systems. <i>Journal of Modern Optics</i> , 2012 , 59, 878-886	1.1	23
75	Performance improvement of spectral amplitude coding-optical code division multiple access systems using NAND detection with enhanced double weight code. <i>Optical Review</i> , 2012 , 19, 1-6	0.9	3
74	Minimizing correlation effect using zero cross correlation code in spectral amplitude coding optical code division multiple access. <i>Optical Review</i> , 2012 , 19, 20-24	0.9	8
73	Hybrid OCDMA over WDM System Using Modified Double Weight (MDW) Code for Optical Access Network. <i>Advanced Materials Research</i> , 2012 , 433-440, 3878-3883	0.5	0
72	New approach for evaluation of the performance of spectral amplitude coding-optical code division multiple access system on high-speed data rate. <i>IET Communications</i> , 2012 , 6, 1742	1.3	9
71	A multi photodiode balanced detection technique for spectral amplitude coding OCDMA systems 2012 ,		2
70	Mitigation of multiple access interference using two-dimensional modified double weight codes for optical code division multiple access systems. <i>Optical Engineering</i> , 2012 , 51, 065007	1.1	9
69	Modeling and simulation of variable weight zero cross correlation code in optical access network 2012 ,		2
68	Phase-induced intensity noise suppression wavelength-time modified double weight codes optical code division multiple access systems 2012 ,		2
67	A New Algorithm for Development of Dynamic Cyclic Shift Code for Spectral Amplitude Coding Optical Code Division Multiple Access Systems. <i>Fiber and Integrated Optics</i> , 2012 , 31, 397-416	0.8	6
66	Comparison between Two Types of Computer for Industrial Ethernet Performance. <i>Advanced Materials Research</i> , 2012 , 433-440, 4959-4967	0.5	
65	Performance Evaluation of Hybrid SCM/SAC-OCDMA Transmissions System using Dynamic Cyclic Shift Code. <i>Journal of Optical Communications</i> , 2012 , 33,	1.2	2
64	Spectral efficiency analysis of bipolar spectral-amplitude coding optical code-division multiple-access systems using different one-dimensional codes. <i>IET Optoelectronics</i> , 2012 , 6, 215-222	1.5	4
63	New code with non-zero cross correlation for spectral amplitude coding optical code-division multiple-access systems 2012 ,		4
62	Fundamental study and analysis of CAT5e cable for NEXT and ELFEXT 2012 ,		2
61	Enhancement of performance of a hybrid SAC-OCDMA system using dynamic cyclic shift code. <i>Ukrainian Journal of Physical Optics</i> , 2012 , 13, 12	1.2	18
60	Novel OCDMA Detection Technique based on Modified Double Weight Code for Optical Access Network. <i>Elektronika Ir Elektrotechnika</i> , 2012 , 18,	1.7	3

59	A New Technique for Reduction the Phase Induced Intensity Noise in SAC-OCDMA Systems. <i>Journal of Optical Communications</i> , 2011 , 32,	1.2	5
58	Wireless sensor actor networks 2011 ,		6
57	Towards smart wireless sensor actor networks: Design factors and applications 2011 ,		2
56	Spectral efficiency comparison of SAC-OCDMA systems using unipolar and bipolar encoding techniques 2011 ,		8
55	Analytical comparison of various SAC-OCDMA detection techniques 2011 ,		11
54	Performance enhancement of SAC-OCDMA system using modified-AND subtraction detection 2011 ,		6
53	Development of a new code family based on SAC-OCDMA system with large cardinality for OCDMA network. <i>Optical Fiber Technology</i> , 2011 , 17, 273-280	2.4	65
52	Hybrid OCDMA/WDM system using complementary detection technique for FTTH access networks 2011 ,		6
51	Performance evaluation of spectral amplitude coding signature sequences for OCDMA systems 2011 ,		2
50	Suppression of the Phase Induced Intensity Noise based on the Dynamic Cyclic Shift code for SAC-OCDMA access networks 2011 ,		2
49	Spectral efficiency of unipolar SAC-OCDMA system considering noise effects 2011 ,		6
48	New design of Zero Cross Correlation Codes for Spectral Amplitude Coding in OCDMA systems 2011 ,		3
47	Enhanced performance of new family Modified Double Weight codes spectral amplitude coding optical CDMA system network 2011 ,		10
46	2011 ,		5
45	A new technique for reduction of Multi-Access Interference in SAC-OCDMA system using different optical filters 2011 ,		1
44	Performance Analysis of OCDMA Based on AND Detection in FTTH Access Network Using PIN & APD Photodiodes. <i>Journal of Optical Communications</i> , 2011 , 32,	1.2	2
43	Wireless Sensor Actor Network Based on Fuzzy Inference System for Greenhouse Climate Control. <i>Journal of Applied Sciences</i> , 2011 , 11, 3104-3116	0.3	15
42	Investigate Spectrum-Sliced WDM System for FTTH Network. <i>Communications in Computer and Information Science</i> , 2011 , 728-734	0.3	

41	LED spectrum slicing for ZCC SAC-OCDMA coding system 2010 ,			6
40	Performance comparison between rectangular and circular patch antenna array 2010 ,			4
39	Development of Modified Zero Cross Correlation Code for OCDMA network 2010 ,			5
38	Study of direct detection technique for zero cross correlation code in OCDMA 2010 ,			5
37	Optical Code Division Multiple Access (OCDMA) using Double Weight (DW) codes for local area network 2010 ,			6
36	Effects of connection parameters on the performance of OCDMA system using vector combinatorial (VC) code 2010 ,			1
35	Binary pulse position modulation simulation system in free space optical communication systems 2010 ,			1
34	Design considerations of high performance optical code division multiple access: a new spectral amplitude code based on laser and light emitting diode light source. <i>IET Optoelectronics</i> , 2010 , 4, 29	1.5		11
33	New Code Structures Based on Coherent and Incoherent Sources for Spectral Amplitude Coding-OCDMA Systems 2009 ,			1
32	Performance of random diagonal code for OCDMA systems using new spectral direct detection technique. <i>Optical Fiber Technology</i> , 2009 , 15, 283-289	2.4		54
31	New design of spectral amplitude coding in OCDMA with zero cross-correlation. <i>Optics Communications</i> , 2009 , 282, 2659-2664	2		84
30	Optical domain service differentiation using spectral-amplitude-coding. <i>Optical Fiber Technology</i> , 2009 , 15, 26-32	2.4		28
29	Effects of the Random Diagonal code link parameters on the performance of an OCDMA scheme for high-speed access networks. <i>Optical Fiber Technology</i> , 2009 , 15, 237-241	2.4		15
28	Improving BER Using RD Code for Spectral Amplitude Coding Optical CDMA Network 2009 ,			2
27	The application of OFDM in digital multimedia broadcasting 2008 ,			2
26	A survey on on-demand multipath routing protocol in MANETs 2008 ,			10
25	2008 ,			4
24	Link availability estimation for routing metrics in MANETs : An overview 2008 ,			1

23	Study of rain attenuation with diversity of wavelengths propagation transmission in tropical rainforest region 2008 ,		2
22	Comparison of wavelength propagation for Free Space Optical Communications 2008 ,		4
21	Extract dominant elements and shapes from raster images 2008 ,		1
20	Random Diagonal codes for Spectral Amplitude Coding optical CDMA systems using Fiber Bragg-Grating 2008 ,		5
19	Comparison of detection techniques in optical CDMA access network for point to multipoint configuration 2008 ,		2
18	New code for spectral-amplitude coding optical code-division multiple-access system using avalanche and phase intensity-induced noise photodiodes. <i>Optical Engineering</i> , 2008 , 47, 105001	1.1	
17	New code structure for spectral amplitude coding OCDMA system. <i>IEICE Electronics Express</i> , 2008 , 5, 846-852	0.5	1
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