



41	Effect of pH and holding time on the characteristics of protein isolates from Chenopodium seeds and study of their amino acid profile and scoring	Mir, Nisar A.; Riar, Charanjit S.; Singh, Sukhcham	FOOD CHEMISTRY	JAN 30 2019	2019	272		165	173		6	3
42	Adaptive network architecture and firefly algorithm for biogas heating model aided by photovoltaic thermal greenhouse system	Singh, Gurinderpal; Jain, V. K.; Singh, Amanpreet	ENERGY & ENVIRONMENT	NOV 2018	2018	29	7	1073	1097		6	2
43	Proximate composition, nutritional profile and health benefits of legumes - A review	Kamboj, Rajni; Nanda, Vikas	LEGUME RESEARCH	JUN 2018	2018	41	3	325	332		6	2
44	A hybrid WDM ring-tree topology delivering efficient utilization of bandwidth over resilient infrastructure	Singh, Sukhbir; Singh, Surinder	PHOTONIC NETWORK COMMUNICATIONS	JUN 2018	2018	35	3	325	334		6	2
45	A comparative study to evaluate the corrosion performance of Zn incorporated Cr3C2-(NiCr) coating at 900 degrees C	Ahuja, Lalit; Mudgal, Deepa; Singh, Surendra; Prakash, Satya	CERAMICS INTERNATIONAL	APR 15 2018	2018	44	6	6479	6492		6	2
46	Profit based unit commitment using hybrid optimization technique	Anand, Himanshu; Narang, Nitin; Dhillon, J. S.	ENERGY	APR 1 2018	2018	148		701	715		6	2
47	Adaptive artificial intelligence for automatic identification of defect in the angular contact bearing	Kumar, Anil; Kumar, Rajesh	NEURAL COMPUTING & APPLICATIONS	APR 2018	2018	29	8	277	287		6	2
48	Enhanced efficiency of thin film GaAs solar cells with plasmonic metal nanoparticles	Singh, Gurjit; Verma, S. S.	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2018	2018	40	2	155	162		6	2
49	Dual head static clustering algorithm for wireless sensor networks	Panag, Tripatjit Singh; Dhillon, J. S.	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2018	2018	88		148	156		6	2
50	Exploring Low-Cost Natural Precursors as Chiral Building Blocks in Synthesis: Chiral Carbohydrate-Ionic Liquids	Kaur, Nirmaljeet; Singh, Avtar; Chopra, Harish Kumar	MINI-REVIEWS IN ORGANIC CHEMISTRY	2018	2018	15	3	208	219		6	2
51	Optimization of ozone bleaching conditions for improving wheat straw pulp quality using response surface methodology	Tripathi, Sandeep Kumar; Bhardwaj, Nishi Kant; Ghatak, Himadri Roy	OZONE-SCIENCE & ENGINEERING	MAR 4 2019	2019	41	2	137	145		5	2.5
52	On the design of planar antenna using Fibonacci word fractal geometry in support of public safety	Singh, Gurmeet; Singh, A. P.	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	FEB 2019	2019	29	2			e21554	5	2.5
53	EFFECT OF INTRODUCING OZONE PRIOR TO ELEMENTAL CHLORINE FREE BLEACHING OF WHEAT STRAW PULP ON PULP, PAPER AND EFFLUENT PROPERTIES	Tripathi, Sandeep Kumar; Bhardwaj, Nishi Kant; Ghatak, Himadri Roy	CELLULOSE CHEMISTRY AND TECHNOLOGY	JAN-FEB 2019	2019	53	1-2	105	112		5	2.5
54	Synthesis, characterization and applications of some novel DMAP-based chiral ionic liquids	Singh, Avtar; Chopra, Harish Kumar	JOURNAL OF MOLECULAR LIQUIDS	SEP 15 2018	2018	266		106	111		5	1.67
55	Unit commitment considering dual-mode combined heat and power generating units using integrated optimization technique	Anand, Himanshu; Narang, Nitin; Dhillon, J. S.	ENERGY CONVERSION AND MANAGEMENT	SEP 1 2018	2018	171		984	1001		5	1.67
56	Development of highly selective novel fluorescence quenching probe based on B2S3-TiO2 nanoparticles for sensing the Fe(II)	Syul, Abhinandan; Sud, Dhiraj	SENSORS AND ACTUATORS B-CHEMICAL	AUG 1 2018	2018	266		1	8		5	1.67
57	Bianchi-III cosmological model with BVDP in modified (R, T) theory	Mishra, R. K.; Dua, Heena; Chand, Avtar	ASTROPHYSICS AND SPACE SCIENCE	JUN 2018	2018	363	6		112		5	1.67
58	Physical, Mechanical, Morphological, and Barrier Properties of Elephant Foot Yam Starch, Whey Protein Concentrate and psyllium Husk Based Composite Biodegradable Films	Sukhija, Sakshi; Singh, Sukhcham; Riar, Charanjit S.	POLYMER COMPOSITES	APR 2018	2018	39		E407	E415		5	1.67
59	Effect of Ag Ion Implantation on SPR of Cu-C-60 Nanocomposite Thin Film	Sharma, P.; Singhal, R.; Vishnoi, R.; Agarwal, D. C.; Banerjee, M. K.; Chand, S.; Kanjilal, D.; Avasthi, D. K.	PLASMONICS	APR 2018	2018	13	2	669	679		5	1.67
60	An approach for classification of malignant and benign microcalcification clusters	Singh, Birmohan; Kaur, Manpreet	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	MAR 2018	2018	43	3			UNSP 39	5	1.67
61	Physicochemical and functional properties of gamma irradiated buckwheat and potato starch	Verma, Ruchi; Jan, Shumaila; Rani, Savita; Jan, Kulsum; Swer, Tanya L.; Prakash, Kumar S.; Dar, M. Z.; Bashir, Khalid	RADIATION PHYSICS AND CHEMISTRY	MAR 2018	2018	144		37	42		5	1.67
62	Task Deadline-Aware Energy-Efficient Scheduling Model for a Virtualized Cloud	Garg, Neha; Goraya, Major Singh	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	FEB 2018	2018	43	2	829	841		5	1.67
63	Parametric Optimization of Lactic Acid Production by Immobilized Lactobacillus casei Using Box-Behnken Design	Thakur, Avinash; Panesar, Parmjit Singh; Saini, Manohar Singh	PERIODICA POLYTECHNICA-CHEMICAL ENGINEERING	2018	2018	62	3	274	285		5	1.67
64	Investigation of structural, hysteresis and electromagnetic parameters for microwave absorption application in doped Ba-Sr hexagonal ferrites at X-band	Kaur, Harimrat; Marwaha, Anupma; Singh, Charanjeet; Narang, Sukhleen Bindra; Jotania, Rajpreet; Jacobo, Silvia; Sombira, A. S. B.; Trukhanov, S. V.; Trukhanov, A. V.; Dhruv, Prakash	JOURNAL OF ALLOYS AND COMPOUNDS	OCT 25 2019	2019	806		1220	1229		4	2
65	Parametric optimization of green synergistic reactive extraction of lactic acid using triethylamine, Aliquat336, and butan-2-ol in sunflower oil by response surface methodology	Kumar, Anil; Thakur, Avinash	CHEMICAL ENGINEERING COMMUNICATIONS	AUG 3 2019	2019	206	8	1072	1086		4	2
66	Heat treatment of sunflower protein isolates near isoelectric point: Effect on rheological and structural properties	Malik, Mudasiir Ahmad; Saini, Charanjiv Singh	FOOD CHEMISTRY	MAR 15 2019	2019	276		554	561		4	2
67	A dual-channel surface plasmon resonance biosensor based on a photonic crystal fiber for multianalyte sensing	Kaur, Veerpal; Singh, Surinder	JOURNAL OF COMPUTATIONAL ELECTRONICS	MAR 2019	2019	18	1	319	328		4	2
68	A review on emulsion liquid membrane (ELM) for the treatment of various industrial effluent streams	Kumar, Anil; Thakur, Avinash; Panesar, Parmjit Singh	REVIEWS IN ENVIRONMENTAL SCIENCE AND BIO-TECHNOLOGY	MAR 2019	2019	18	1	153	182		4	2
69	A triband slotted bow-tie wideband THz antenna design using graphene for wireless applications	Bansal, Gaurav; Marwaha, Anupma; Singh, Amanpreet; Bala, Rajni; Marwaha, Sanjay	OPTIK	2019	2019	185		1163	1171		4	2
70	Comparative study of raw and germinated Chenopodium (Chenopodium album) flour on the basis of thermal, rheological, minerals, fatty acid profile and phytochemicals	Jan, Romee; Saxena, D. C.; Singh, Sukhcham	FOOD CHEMISTRY	DEC 15 2018	2018	269		173	180		4	1.33
71	Additives to decrease cellulose chain scission during ozone bleaching of wheat straw pulp	Tripathi, Sandeep Kumar; Bhardwaj, Nishi Kant; Ghatak, Himadri Roy	NORDIC PULP & PAPER RESEARCH JOURNAL	SEP 2018	2018	33	3	430	438		4	1.33
72	Effect of particle and surface properties on flowability of rice flours	Jan, Shumaila; Karde, Vikram; Ghoroi, Chinmay; Saxena, D. C.	FOOD BIOSCIENCE	JUN 2018	2018	23		38	44		4	1.33
73	Rheological, thermal, micro structural and functional properties of freeze dried onion powders as affected by sprouting	Majid, Ishrat; Dar, B. N.; Nanda, Vikas	FOOD BIOSCIENCE	APR 2018	2018	22		105	112		4	1.33
74	Quenched and tempered steel welded with micro-alloyed based ferritic fillers	Sharma, Varun; Shahi, A. S.	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	MAR 2018	2018	253		2	16		4	1.33
75	Development of crosslinked sesame protein and pineapple extract-based bilayer coatings for shelf-life extension of fresh-cut pineapple	Sharma, Lovleen; Saini, Charanjiv Singh; Sharma, Harish Kumar	JOURNAL OF FOOD PROCESSING AND PRESERVATION	FEB 2018	2018	42	2			e13527	4	1.33
76	Performance analysis of multichannel surface plasmon resonance sensor with dual coating of conducting metal oxide	Kaur, Veerpal; Singh, Surinder	JOURNAL OF NANOPHOTONICS	JAN 2018	2018	12	1			16012	4	1.33
77	Structural modification of quinoa seed protein isolates (QPIs) by variable time sonification for improving its physicochemical and functional characteristics	Mir, Nisar A.; Riar, Charanjit S.; Singh, Sukhcham	ULTRASONICS SONOCHEMISTRY	NOV 2019	2019	58				104700	3	1.5
78	DFT calculations on molecular structures, HOMO-LUMO study, reactivity descriptors and spectral analyses of newly synthesized diorganotin(IV) 2-chlorodiphenylacetatehydroxamate complexes	Choudhary, Vineet Kumar; Bhatt, Arvind Kumar; Dash, Dibyajit; Sharma, Neeraj	JOURNAL OF COMPUTATIONAL CHEMISTRY	OCT 15 2019	2019	40	27	2354	2363		3	1.5
79	Slurry Erosion Behavior of HVOF-Sprayed WC-10Co-4Cr Coated SS 316 Steel with and Without PTFE Modification	Bansal, Anuj; Singh, Jagtar; Singh, Harpreet	JOURNAL OF THERMAL SPRAY TECHNOLOGY	OCT 2019	2019	28	7	1448	1465		3	1.5
80	Reconstruction of Optical Pulse Intensity and Phase Based on SPM Spectra Measurements in Microstructured Tellurite Fiber in Telecommunication Range	Anashkina, Elena A.; Koptev, Maxim Y.; Andrianov, Alexey, V.; Dorofeev, Vitaly V.; Singh, Surinder; Lovkesh; Leuchs, Gerd; Kim, Arkady, V	JOURNAL OF LIGHTWAVE TECHNOLOGY	SEP 1 2019	2019	37	17	4375	4381		3	1.5
81	Profit based unit commitment using memetic binary differential evolution algorithm	Dhalwal, Jatinder Singh; Dhillon, J. S.	APPLIED SOFT COMPUTING	AUG 2019	2019	81				UNSP 105502	3	1.5
82	Exploring the influence of heat moisture treatment on physicochemical, pasting, structural and morphological properties of mango kernel starches from Indian cultivars	Bharti, Indu; Singh, Sukhcham; Saxena, D. C.	LWT-FOOD SCIENCE AND TECHNOLOGY	AUG 2019	2019	110		197	206		3	1.5
83	Optical Properties Simulation of Magneto-Plasmonic Alloys Nanostructures	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	PLASMONICS	JUN 2019	2019	14	3	611	622		3	1.5
84	L(+)-Lactic Acid Production by Immobilized Lactobacillus casei Using Low Cost Agro-Industrial Waste as Carbon and Nitrogen Sources	Thakur, Avinash; Panesar, Parmjit Singh; Saini, Manohar Singh	WASTE AND BIOMASS VALORIZATION	MAY 2019	2019	10	5	1119	1129		3	1.5
85	Hybridization of feature selection and feature weighting for high dimensional data	Singh, Dalwinder; Singh, Birmohan	APPLIED INTELLIGENCE	APR 2019	2019	49	4	1580	1596		3	1.5
86	Chiral Recognition Methods in Analytical Chemistry: Role of the Chiral Ionic Liquids	Singh, Avtar; Kaur, Nirmaljeet; Chopra, Harish Kumar	CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY	NOV 2 2019	2019	49	6	553	569		3	1.5
87	Erosion wear evaluation of HVOF sprayed WC-12Co coating on some pipeline materials using Taguchi approach	Singh, P.; Bansal, A.; Goyal, D. Kumar	KOVOVE MATERIALY-METALLIC MATERIALS	2019	2019	57	2	113	120		3	1.5
88	A fast and efficient composite Newton-Chebyshev method for systems of nonlinear equations	Sharma, Janak Raj; Kumar, Deepak	JOURNAL OF COMPLEXITY	DEC 2018	2018	49		56	73		3	1
89	Ball Convergence of an Efficient Eighth Order Iterative Method Under Weak Conditions	Sharma, Janak Raj; Argyros, Ioannis K.; Kumar, Sunil	MATHEMATICS	NOV 2018	2018	6	11			260	3	1
90	Improvement in pulp quality and effluent properties using methanol as carbohydrate protector during ozone bleaching of wheat straw pulp	Tripathi, Sandeep Kumar; Bhardwaj, Nishi K.; Ghatak, Himadri Roy	APPTA	OCT-DEC 2018	2018	71	4	338	348		3	1
91	Effect of cryogenic treatment on the wear resistance and microstructure of Ti-6Al-4V	Singla, Anil K.; Singh, Jagtar; Kumar, Puneet; Kumar, Anumay; Sharma, Vishal S.	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	JUN 2018	2018	25	3	243	249		3	1
92	Experimental and theoretical investigations on acid catalysed stereoselective synthesis of new indazole-thiazole derivatives	Gautam, Poonam; Gautam, Deepika; Chaudhary, R. P.	JOURNAL OF MOLECULAR STRUCTURE	MAY 15 2018	2018	1160		333	341		3	1
93	Multiobjective thermal power load dispatch using adaptive predator-prey optimization	Singh, Nirbhaw Jap; Dhillon, J. S.; Kothari, D. P.	APPLIED SOFT COMPUTING	MAY 2018	2018	66		370	383		3	1
94	Multi-objective thermal power load dispatch using chaotic differential evolutionary algorithm and Powell's method	Singh, Nirbhaw Jap; Dhillon, J. S.; Kothari, D. P.	SOFT COMPUTING	APR 2018	2018	22	7	2159	2174		3	1
95	Further studies of isolated photon production with a jet in deep inelastic scattering at HERA	Abramowicz, H.; Abbott, L.; Adamczyk, L.; Adamus, M.; Aggarwal, R.; Antonelli, S.; Aushev, V.; Aushev, Y.; Behrke, O.; Behrens, U.; Bertolin, A.; Bloch, I.; Brock, J.; Brook, N. H.;	JOURNAL OF HIGH ENERGY PHYSICS	JAN 9 2018	2018	1			32		3	1
96	Modified Binary Differential Evolution Algorithm to Solve Unit Commitment Problem	Dhalwal, Jatinder Singh; Dhillon, Jaspreet Singh	ELECTRIC POWER COMPONENTS AND SYSTEMS	2018	2018	46	8	900	918		3	1

97	Possibilities of laser amplification and measurement of the field structure of ultrashort pulses in the range of 2.7-3 μm in tellurite glass fibres doped with erbium ions	Anashkina, E. A.; Dorofeev, V. V.; Muravyev, S. V.; Motorin, S. E.; Andrianov, A. V.; Sorokin, A. A.; Koptev, M. Yu.; Singh, S.; Kim, A. V.	QUANTUM ELECTRONICS	2018	2018	48	12	1118	1127			3	1
98	Enantioselective Reduction Reactions Using Chiral Ionic Liquids: An Overview	Singh, Avtar; Kaur, Nirmaljeet; Chopra, Harish Kumar	CURRENT ORGANIC SYNTHESIS	2018	2018	15	5	578	586			3	1
99	Assessment of physico-chemical properties, fatty acid, amino acid and mineral profile of bee pollen from India with a multivariate perspective	Thakur, Mamta; Nanda, Vikas	JOURNAL OF FOOD AND NUTRITION RESEARCH	2018	2018	57	4	328	340			3	1
100	Graphene Based Wideband Arc Truncated Terahertz Antenna for Wire-less Communication	Bansal, Gaurav; Marwaha, Anupma; Singh, Amanpreet; Bala, Rajni; Marwaha, Sanjay	CURRENT NANOSCIENCE	2018	2018	14	4	290	297			3	1
101	Synthesis, characterization, and organocatalytic application of chiral ionic liquids derived from (S,R)-noscipine	Kaur, Nirmaljeet; Chopra, Harish Kumar	SYNTHETIC COMMUNICATIONS	2018	2018	48	1	26	31			3	1
102	Efficient higher order derivative-free multipoint methods with and without memory for systems of nonlinear equations	Sharma, J. R.; Arora, H.	INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS	2018	2018	95	5	920	938			3	1
103	An automated approach to enhance the thermographic evaluation on orofacial regions in lateral facial thermograms	Singh, Jaspreet; Arora, Ajat Shatru	JOURNAL OF THERMAL BIOLOGY	JAN 2018	2018	71		91	98			3	1
104	Recent developments on sustainable solvents for emulsion liquid membrane processes	Kumar, Anil; Thakur, Avinash; Panesar, Parmjit Singh	JOURNAL OF CLEANER PRODUCTION	DEC 10 2019	2019	240				UNSP 118250		2	1
105	Effect of chemical composition, granule structure and crystalline form of pigmented rice starches on their functional characteristics	Bhat, Farhan Mohiuddin; Riar, Charanjit Singh	FOOD CHEMISTRY	NOV 1 2019	2019	297				UNSP 124984		2	1
106	Development of LDA Based Indicator for the Detection of Unbalance and Misalignment at Different Shaft Speeds	Kumar, A.; Kumar, R.	EXPERIMENTAL TECHNIQUES	APR 2020	2020	44	2	217	229			2	1
107	Impact of Cryogenic Treatment on Mechanical Behavior and Microstructure of Ti-6Al-4V ELI Biomaterial	Singla, Anil Kumar; Singh, Jagtar; Sharma, Vishal S.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	OCT 2019	2019	28	10	5931	5945			2	1
108	Process optimization of polyphenol-rich milk powder using bee pollen based on physicochemical and functional properties	Thakur, Mamta; Nanda, Vikas	JOURNAL OF FOOD PROCESS ENGINEERING	OCT 2019	2019	42	6				e13148	2	1
109	Assessment of Energy-Population-Urbanization Nexus with Changing Energy Industry Scenario in India	Avtar, Ram; Tripathi, Saurabh; Aggarwal, Ashwani Kumar	LAND	AUG 2019	2019	8	8				124	2	1
110	Tuning the optical properties of Fe-Au core-shell nanoparticles with spherical and spherical nanostructures	Bhalla, Pradeep; Verma, S. S.; Sirha, M. M.	PHYSICS LETTERS A	JUL 29 2019	2019	383	21	2542	2550			2	1
111	Optimization of aqueous extraction of orovataene and flavanoid pigments produced by <i>Epicoccum nigrum</i>	Kaur, Sawinder; Panesar, Parmjit S.; Gurumayum, Sushma; Rasane, Prasad; Kumar, Vikas	PIGMENT & RESIN TECHNOLOGY	JUL 1 2019	2019	48	4	301	308			2	1
112	Limits on contact interactions and leptogluons at HERA	Abramowicz, H.; Abt, I.; Adamczyk, L.; Adamus, M.; Aggarwal, R.; Antonelli, S.; Aushiev, V.; Behrns, O.; Behrens, U.; Bertolin, A.; Bloch, J.; Brock, N. H.; Brugnara, R.; Bruni, I.	PHYSICAL REVIEW D	MAY 29 2019	2019	99	9				92006	2	1
113	Numerical Inverse Laplace Transform for Solving a Class of Fractional Differential Equations	Rani, Dimple; Mishra, Vinod; Cattani, Carlo	SYMMETRY-BASEL	APR 2019	2019	11	4				530	2	1
114	Influence of alkali treatment on physicochemical, pasting, morphological and structural properties of mango kernel starches derived from Indian cultivars	Bharti, Indu; Singh, Sukhcham; Saxena, D. C.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	MAR 15 2019	2019	125		203	212			2	1
115	Enhancement in thermoelectric properties due to Ag nanoparticles incorporated in Bi2Te3 matrix	Gupta, Srashiti; Agarwal, Dinesh Chandra; Sivaiah, Bathula; Amrithpandian, Sankararam; Askan, Kandasami; Dhar, Ajay; Panigrahi, Binaya Kumar; Avasthi, Devesh Kumar; Gupta, Tewari, Rishika; Kumar, Vivek; Sharma, H. K.	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	MAR 4 2019	2019	10		634	643			2	1
116	Physical and chemical characteristics of different cultivars of Indian gooseberry ( <i>Emblica officinalis</i> )	Sharma, Lovleen; Saini, Charanjit Singh; Sharma, Harish Kumar; Sandhu, Kawajit Singh	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	MAR 2019	2019	56	3	1641	1648			2	1
117	Bioconformable edible coatings based on cross linked-sesame protein and mango puree for the shelf life stability of fresh-cut mango fruit	Sharma, Lovleen; Saini, Charanjit Singh; Sharma, Harish Kumar; Sandhu, Kawajit Singh	JOURNAL OF FOOD PROCESS ENGINEERING	FEB 2019	2019	42	1				e12938	2	1
118	Impact of sprouting on the degradation kinetics of color and vitamin C of onion powder packaged in different packaging materials	Majid, Ishrat; Hussain, Shafat; Nanda, Vikas	JOURNAL OF FOOD PROCESSING AND PRESERVATION	JAN 2019	2019	43	1				e13849	2	1
119	Thermographic evaluation of mindfulness meditation using dynamic IR imaging	Singh, Jaspreet; Kumar, Sachin; Arora, Ajat Shatru	INFRARED PHYSICS & TECHNOLOGY	DEC 2018	2018	95		81	87			2	0.67
120	Modelling of moisture sorption isotherms and glass transition temperature of spray-dried honey powder	Suhag, Yogita; Nayik, Gutzar Ahmad; Nanda, Vikas	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	DEC 2018	2018	12	4	2553	2560			2	0.67
121	Characteristics of beta-glucan extracted from raw and germinated foxtail ( <i>Setaria italica</i> ) and kodo ( <i>Paspalum scrobiculatum</i> ) millets	Sharma, Seema; Saxena, Dharmesh C.; Riar, Charanjit S.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	OCT 15 2018	2018	118		141	148			2	0.67
122	Optimization and production of turmeric extract-based nanoemulsion (TEBN) and its application in preservation of fatty fish fillet	Foujdar, R.; Chopra, H. K.; Bera, M. B.	JOURNAL OF FOOD PROCESSING AND PRESERVATION	SEP 2018	2018	42	9				e13750	2	0.67
123	Dynamic analysis of vehicle-track interaction due to wheel flat using bond graph	Kumar, Vivek; Rastogi, Vikas; Pathak, P. M.	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART K-JOURNAL OF MULTI-BODY DYNAMICS	SEP 2018	2018	232	3	398	412			2	0.67
124	Algorithm for automatic calibration of color vision system in foods	Minz, P. S.; Sawhney, I. K.; Saini, C. S.	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	SEP 2018	2018	12	3	1787	1794			2	0.67
125	Utilization of graphene oxide-based microwave absorber for pattern enhancement of patch antenna array	Rani, Surekha; Marwaha, Anupma; Marwaha, Sanjay	JOURNAL OF NANOPHOTONICS	JUL 2018	2018	12	3				36012	2	0.67
126	A Novel Face Liveness Detection Algorithm with Multiple Liveness Indicators	Singh, Manminder; Arora, A. S.	WIRELESS PERSONAL COMMUNICATIONS	JUN 2018	2018	100	4	1677	1687			2	0.67
127	Design and Analysis of a New Class of Derivative-Free Optimal Order Methods for Nonlinear Equations	Sharma, Janak Raj; Argyros, Ioannis K.; Kumar, Deepak	INTERNATIONAL JOURNAL OF COMPUTATIONAL METHODS	MAY 2018	2018	15	3			1850010		2	0.67
128	Low-temperature thermal degradation behaviour of non-wood soda lignins and spectroscopic analysis of residues	Reddy, Induru Ashok Kumar; Ghatak, Himadri Roy	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	APR 2018	2018	132	1	407	423			2	0.67
129	Textural, in vitro antioxidant activity and sensory characteristics of cookies made from blends of wheat-quinoa grown in India	Jan, Khan Nadya; Panesar, P. S.; Singh, Sukhcham	JOURNAL OF FOOD PROCESSING AND PRESERVATION	MAR 2018	2018	42	3				e13542	2	0.67
130	Enhancing the Abrasive Wear Resistance of Rotary Blade Material (AlSi 30MnCrB4) by Cryogenic Treatment	Singh, T. P.; Singh, J.; Singh, K.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	FEB 2018	2018	77	2	92	97			2	0.67
131	Characterization of bulk and shear properties of basmati and non-basmati rice flour	Jan, Shumaila; Ghoro, Chinmay; Saxena, Dharmesh Chandra	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	JAN 30 2018	2018	98	2	667	673			2	0.67
132	A Novel Random Transition Based PSO Algorithm to Maximize the Lifetime of Wireless Sensor Networks	Panag, Tripathi Singh; Dhillon, J. S.	WIRELESS PERSONAL COMMUNICATIONS	JAN 2018	2018	98	2	2261	2290			2	0.67
133	Performance evaluation and optimization of solar assisted air heater with discrete multiple arc shaped ribs	Kumar, Rajneesh; Goel, Varun; Singh, Paramvir; Saxena, Abhishek; Kashyap, Abhishek Singh; Rai, Amit	JOURNAL OF ENERGY STORAGE	DEC 2019	2019	26					100978	1	0.5
134	Design and analysis of thin film GaAs solar cells using silver nanoparticle plasmons	Singh, Gurjit; Verma, S. S.	PHOTONICS AND NANOSTRUCTURES-FUNDAMENTALS AND APPLICATIONS	DEC 2019	2019	37				UNSP 100731		1	0.5
135	Analysis of crystallization phenomenon in Indian honey using molecular dynamics simulations and artificial neural network	Naik, Rishi Ravindra; Gandhi, Neha S.; Thakur, Mamta; Nanda, Vikas	FOOD CHEMISTRY	DEC 1 2019	2019	300				UNSP 125182		1	0.5
136	Bulk viscous string cosmological models in Saez-Ballester theory of gravity	Mishra, R. K.; Dua, Heena	ASTROPHYSICS AND SPACE SCIENCE	NOV 2019	2019	364	11				195	1	0.5
137	340-Gb/s PoSK-DQPSK optical orthogonal modulation format with coherent direct detection for high capacity WDM optical network	Singh, Sukhbir; Singh, Surinder; Quang Minh Ngo; Mohammadi, Amin Malek	OPTICAL FIBER TECHNOLOGY	NOV 2019	2019	52					101936	1	0.5
138	Influence of different filler weld wire chemistries on metallurgical and mechanical behavior of ultrahigh strength steel welded joints	Sharma, Varun; Shahi, A. S.; Kumar, Subodh	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS	NOV 2019	2019	233	11	2280	2300			1	0.5
139	Lactic acid and its separation and purification techniques: A review	Kumar, Anil; Thakur, Avinash; Panesar, Parmjit Singh	REVIEWS IN ENVIRONMENTAL SCIENCE AND BIO-TECHNOLOGY	DEC 2019	2019	18	4	823	853			1	0.5
140	Water retention and controlled release of KCl by using microwave-assisted green synthesis of xanthan gum-cl-poly (acrylic acid)/AgNPs hydrogel nanocomposite	Singh, Jagdeep; Dhalwal, A. S.	POLYMER BULLETIN		2019							1	0.5
141	A conglomerated ion-motion and crisscross search optimizer for electric power load dispatch	Kumar, Mohit; Dhillon, J. S.	APPLIED SOFT COMPUTING	OCT 2019	2019	83					UNSP 105641 UNSP 101400	1	0.5
142	Generalized Kung-Traub method and its multi-step iteration in Banach spaces	Sharma, Janak Raj; Kumar, Sunil; Argyros, Ioannis K.	JOURNAL OF COMPLEXITY	OCT 2019	2019	54						1	0.5
143	Metallurgical, impact and fatigue performance of electron beam welded duplex stainless steel joints	Singh, Jastej; Shahi, A. S.	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	OCT 2019	2019	272		137	148			1	0.5
144	Design and analysis of CNTFET based 10T SRAM for high performance at nanoscale	Kumar, Mukesh; Ubhi, Jagpal Singh	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	NOV 2019	2019	47	11	1775	1785			1	0.5
145	Improvement in selectivity of ozone bleaching using DTPA as carbohydrate protector for wheat straw pulp	Tripathi, Sandeep Kumar; Bhardwaj, Nishi Kant; Ghatak, Himadri Roy	NORDIC PULP & PAPER RESEARCH JOURNAL	SEP 2019	2019	34	3	271	279			1	0.5
146	Size-Dependent RIS and FOM of Ag-Fe and Au-Fe Bimetallic Alloys in Triangular Prism: a DDA Study	Bhalla, Pradeep; Verma, S. S.; Sirha, M. M.	PHOTONIC SENSORS	SEP 2019	2019	9	3	246	258			1	0.5
147	Investigations on Amphoteric Chitosan/TiO2 Nanocomposites for Application in Visible Light Induced Photocatalytic Degradation	Bahal, M.; Kaur, N.; Sharoti, Nidhi; Sud, Dhiraj	ADVANCES IN POLYMER TECHNOLOGY	JUL 17 2019	2019	2019					2345631	1	0.5
148	Multi-level clustering protocol for load-balanced and scalable clustering in large-scale wireless sensor networks	Singh, Hamanpreet; Singh, Damanpreet	JOURNAL OF SUPERCOMPUTING	JUL 2019	2019	75	7	3712	3739			1	0.5
149	Optimization of process parameters on hydroxymethylfurfural content, diastase and invertase activity of coriander honey	Kamboj, Rajni; Sandhu, Rubinder Singh; Kaler, R. S. S.; Bera, Manab Bandhu; Nanda, Vikas	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	JUL 2019	2019	56	7	3205	3214			1	0.5
150	Grasshopper optimization algorithm-based approach for the optimization of ensemble classifier and feature selection to classify epileptic EEG signals	Singh, Gurwinder; Singh, Birmohan; Kaur, Manpreet	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING	JUN 2019	2019	57	6	1323	1339			1	0.5
151	Charm production in charged-current deep inelastic scattering at HERA	Abt, I.; Adamczyk, L.; Aggarwal, R.; Aushiev, V.; Behrns, O.; Behrens, U.; Bertolin, A.; Bloch, J.; Brock, N. H.; Brugnara, R.; Bruni, A.; Bussey, P. J.; Caldwell, A.; Capua, M.	JOURNAL OF HIGH ENERGY PHYSICS	MAY 29 2019	2019	5					201	1	0.5
152	Effect of composition, granular morphology and crystalline structure on the pasting, textural, thermal and sensory characteristics of traditional rice cultivars	Bhat, Farhan Mohiuddin; Riar, Charanjit Singh	FOOD CHEMISTRY	MAY 15 2019	2019	280		303	309			1	0.5
153	ETPS-MAC: Energy Traffic Priority Scheduling-based QoS-aware MAC protocol for hierarchical WSNs	Kaur, Tarunpreet; Kumar, Dilip	INTERNATIONAL JOURNAL OF ELECTRONICS	SEP 2 2019	2019	106	9	1344	1359			1	0.5
154	Track-based analysis for profile generation on globoidal cam in automatic tool changer of CNC machining center	Verma, Kuldeep; Belokar, R. M.; Verma, Vinod Kumar; Ntalianis, Klimis	ASSEMBLY AUTOMATION	APR 1 2019	2019	39	2	369	379			1	0.5

155	An Efficient Class of Traub-Steffensen-Like Seventh Order Multiple-Root Solvers with Applications	Sharma, Janak Raj; Kumar, Deepak; Argyros, Ioannis K.	SYMMETRY-BASEL	APR 2019	2019	11	4				518	1	0.5
156	Semi-interpenetrating networks of biopolymer chitosan/acrylic acid and thiourea hydrogels: synthesis, characterization and their potential for removal of cadmium	Bhullar, Navneet Kaur; Kumari, Kamlesh; Sud, Dhiraj	IRANIAN POLYMER JOURNAL	MAR 2019	2019	28	3	225	236			1	0.5
157	Value addition of kinnow industry byproducts for the preparation of fiber enriched extruded products	Singla, Gisha; Krishania, Meena; Sandhu, Pankaj P.; Sangwan, Rajender S.; Panesar, Parmjit S.	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	MAR 2019	2019	56	3	1575	1582			1	0.5
158	Maximal coverage hybrid search algorithm for deployment in wireless sensor networks	Panag, Tripathi Singh; Dhilon, J. S.	WIRELESS NETWORKS	FEB 2019	2019	25	2	637	652			1	0.5
159	Performance Analysis of Mobile Nodes in Mobile Ad-hoc Networks using Enhanced Manhattan Mobility Model	Kour, S.; Ubhi, J. Singh	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	FEB 2019	2019	78	2	69	72			1	0.5
160	Statistical Modeling of beta-Galactosidase Production from Novel Yeast Isolate Using Cheese Whey	Kumari, S.; Panesar, P. S.; Kaur, R.; Bera, M. B.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	FEB 2019	2019	78	2	81	85			1	0.5
161	Modelling and evaluation of the hunting behaviour of a high-speed railway vehicle on curved track	Kumar, Vivek; Rastogi, Vikas; Pathak, P. M.	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART F-JOURNAL OF RAIL AND RAPID TRANSIT	FEB 2019	2019	233	2	220	236			1	0.5
162	Design and Optimization of Slotted Micro-Machined Patch Antenna Using Composite Substrate	Kumar, Ashish; Singh, Amar Partap	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	JAN 2019	2019	34	1	128	134			1	0.5
163	Effect of moisture content on the physical and mechanical properties of quinoa seeds	Jan, Khan Nadiya; Panesar, Parmjit S.; Singh, Sukhcham	INTERNATIONAL AGROPHYSICS	2019	2019	33	1	41	48			1	0.5
164	Optimization of gluten free biscuit from foxtail, copra meal and amaranth	Ajay, Singh; Pradyuman, Kumar	FOOD SCIENCE AND TECHNOLOGY	JAN-MAR 2019	2019	39	1	43	49			1	0.5
165	On a Class of Efficient Higher Order Newton-like Methods	Sharma, Janak Raj; Kumar, Deepak	MATHEMATICAL MODELLING AND ANALYSIS	2019	2019	24	1	105	126			1	0.5
166	Numerical inversion of Laplace transform based on Bernstein operational matrix	Rani, Dimple; Mishra, Vinod; Cattani, Carlo	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	DEC 2018	2018	41	18	9231	9243			1	0.33
167	Design and analysis of distance error correction-based localization algorithm for wireless sensor networks	Prasath, Deepak; Jyoti, Kiran; Kumar, Dilip	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	DEC 2018	2018	29	12			e3547		1	0.33
168	Improvement of functional properties of sunflower protein isolates near isoelectric point: Application of heat treatment	Malik, Mudasiir Ahmad; Saini, Charanjiv Singh	LWT-FOOD SCIENCE AND TECHNOLOGY	DEC 2018	2018	98		411	417			1	0.33
169	Dynamic Changes in Health-Promoting Properties and Eating Quality During Off-Vine Ripening of Tomatoes	Siddiqui, Mohammed Wasim; Lara, Isabel; Ilahy, Riadh; Tlili, Imen; Ali, Asgar; Homa, Fozia; Prasad, Kamlesh; Deshi, Vinayak; Lenucci, Marcello Salvatore; Haidar, Chafik	COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY	NOV 2018	2018	17	6	1540	1560			1	0.33
170	Nutraceuticals from barley flour, flaxseed and rice bran oil-Extraction, chromatographic analysis, microbiological analysis and pesticide estimation	Kour, Jasmeet; Singh, Sukhcham; Saxena, Dharmesh Chandra	JOURNAL OF FOOD PROCESSING AND PRESERVATION	NOV 2018	2018	42	11			e13777		1	0.33
171	Effect of number of blades in ducted turbine system on kinetic energy extraction from chimney flue gases - benchmarking with wind energy system	Mann, Harjeet S.; Singh, Pradeep K.	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	NOV 2018	2018	32	11	5443	5455			1	0.33
172	Comparative studies of the electronic, binding and photophysical properties of a new nona-dentate hemi-cage tripodal HQ pendant trizaza-macrocyclic with unfilled, half-filled and completely filled lanthanide ions	Rohini; Baral, Minati; Kanungo, B. K.	NEW JOURNAL OF CHEMISTRY	OCT 7 2018	2018	42	19	16040	16059			1	0.33
173	Effect of Egg Albumen, Vegetable Oil, Corn Bran, and Cooking Methods on Quality Characteristics of Chicken Nuggets Using Response Surface Methodology	Pathera, Ashok Kumar; Riar, Charanjiv Singh; Yadav, Sanjay; Singh, Pradeep Kumar	KOREAN JOURNAL FOR FOOD SCIENCE OF ANIMAL RESOURCES	OCT 2018	2018	38	5	901	911			1	0.33
174	Conditionally Negative Definite Functions	Kapil, Yogesh; Pal, Rajinder; Aggarwal, Anchal; Singh, Mandeep	MEDITERRANEAN JOURNAL OF MATHEMATICS	OCT 2018	2018	15	5			199		1	0.33
175	Oscillatory behavior-based wavelet decomposition for the monitoring of bearing condition in centrifugal pumps	Kumar, Anil; Kumar, Rajesh	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART J-JOURNAL OF ENGINEERING TRIBOLOGY	JUN 2018	2018	232	6	757	772			1	0.33
176	Effect of addition of different levels of beta-glucan from minor millet on the functional, textural and sensory characteristics of cake premix and cake	Sharma, Seema; Saxena, Dharmesh C.; Riar, Charanjiv S.	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	JUN 2018	2018	12	2	1186	1194			1	0.33
177	Process optimization of lignin conversion into value added chemicals by thermochemical pretreatment and electrooxidation on a stainless steel anode	Singh, Sandeep; Ghatak, Himadri Roy	HOLZFORSCHUNG	MAR 2018	2018	72	3	187	199			1	0.33
178	Thermal, structural and rheological characterization of protein isolate from sesame meal	Saini, Charanjiv Singh; Sharma, Harish Kumar; Sharma, Loveleen	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	MAR 2018	2018	12	1	426	432			1	0.33
179	Absorption edge parameters of the L-III edge for compounds of Hg, Tl, Pb and Bi using EDXRF technique	Singh, Gurinderjeet; Singh, Amrit; Gupta, Manoj Kumar; Dhalwal, A. S.; Kahlon, K. S.	RADIATION PHYSICS AND CHEMISTRY	MAR 2018	2018	144		280	287			1	0.33
180	On a question of Bhatia, Friedland and Jain	Kapil, Yogesh; Kaur, Rupinderjit; Singh, Mandeep	LINEAR & MULTILINEAR ALGEBRA		2019							0	0
181	Real-time inclusive investigations for the selection of servo drive system of CNC machining centers	Verma, Kuldeep; Belkar, R. M.; Verma, Vinod Kumar; Ntalanis, Klimis	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	DEC 11 2019	2019	42	1			38		0	0
182	Recent Trends on the Valorization Strategies for the Management of Citrus By-products	Panwar, Divyani; Panesar, Parmjit S.; Chopra, Harish K.	FOOD REVIEWS INTERNATIONAL		2019							0	0
183	Kinetic study of extrusion cooking of corn-rice flour blend fortified with nutraceutical concentrates with respect to various physical parameters	Kour, Jasmeet; Singh, Sukhcham; Saxena, Dharmesh C.	BRITISH FOOD JOURNAL	DEC 6 2019	2019	122	2	586	605			0	0
184	Influence of intermetallic precipitation on metallurgical, mechanical and pitting behavior of AISI 2205 duplex stainless steel welded joints	Majid, Mohd; Shahi, A. S.	MATERIALS RESEARCH EXPRESS	DEC 2019	2019	6	12			1,27E+11		0	0
185	Noninvasive Temperature Measuring and Early Fault Detecting System for Manufacturing Industry	Kumar, Dilip; Suman, Kumar Gaurav	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	DEC 2019	2019	34	4	541	550			0	0
186	On a Class of Optimal Fourth Order Multiple Root Solvers without Using Derivatives	Sharma, Janak Raj; Kumar, Sunil; Jantschi, Lorentz	SYMMETRY-BASEL	DEC 2019	2019	11	12			1452		0	0
187	Local Convergence and Attraction Basins of Higher Order, Jarratt-Like Iterations	Sharma, Janak Raj; Kumar, Deepak; Argyros, Ioannis K.	MATHEMATICS	DEC 2019	2019	7	12			1203		0	0
188	An Energy Efficient Scalable Clustering Protocol for Dynamic Wireless Sensor Networks	Singh, Harmanpreet; Singh, Damanpreet	WIRELESS PERSONAL COMMUNICATIONS	DEC 2019	2019	109	4	2637	2662			0	0
189	Size dependent plasmonic properties of Ga@Ag & Cs@Ag liquid-metal nanospheres	Bhardwaj, Akanksha; Verma, S. S.	OPTICS COMMUNICATIONS	DEC 1 2019	2019	452		264	272			0	0
190	Phytochemical profile, antioxidant potential and DFT study of Araucaria columnaris (G. Forst.) Hook. Branch extracts	Patil, Poonam Kumari; Cannoo, Damanjit Singh	NATURAL PRODUCT RESEARCH		2019							0	0
191	Optimization of process variables of probe ultrasonic-assisted extraction of phenolic compounds from the peel of Punica granatum Var. Bhagwa and its chemical and bioactivity characterization	Foujdar, Rimpi; Bera, Manab Bandhu; Chopra, Harish Kumar	JOURNAL OF FOOD PROCESSING AND PRESERVATION	JAN 2020	2020	44	1			e14317		0	0
192	Exploring the potential of Epicoccum nigrum for pigment production under variable conditions	Kaur, Sawinder; Mumbarkar, Vivek; Panesar, Parmjit S.; Gurumayum, Sushma; Rasane, Prasad	PIGMENT & RESIN TECHNOLOGY	NOV 4 2019	2019	48	6	555	562			0	0
193	Reactive extraction of lactic acid using environmentally benign green solvents and a synergistic mixture of extractants	Kumar, A.; Thakur, A.	SCIENTIA IRANICA	NOV-DEC 2019	2019	26	6	3456	3467			0	0
194	SentiVerb system: classification of social media text using sentiment analysis	Singh, Shalendra Kumar; Sachan, Manoj Kumar	MULTIMEDIA TOOLS AND APPLICATIONS	NOV 2019	2019	78	22	32109	32136			0	0
195	Structural investigation of Nd-zirconolite irradiated with He+ ions	Gupta, M.; Kuliya, P. K.; Kumar, R.; Ghumman, S. S.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	MAR 2020	2020	323	3	1413	1418			0	0
196	Biodegradation kinetic modeling of oxo-biodegradable polypropylene/poly(lactide)/nanoclay blends and composites under controlled composting conditions	Sable, Sunil; Mandal, Dev K.; Ahuja, Sanjeev; Bhunia, Haripada	JOURNAL OF ENVIRONMENTAL MANAGEMENT	NOV 1 2019	2019	249				UNSP 109186		0	0
197	Design of all optical contention detection circuit based on HNLF at the data rate of 120 Gbps	Singh, Sunider; Singh, Dilbag; Sharma, Vishal; Singh, Sukhbir; Quang Minh Ngo	OPTICAL FIBER TECHNOLOGY	NOV 2019	2019	52				101958		0	0
198	Design and Analysis of a New Improved Force Linear Switched Reluctance Motor for Transit Application	Prasad, Nisha; Jain, Shalendra; Gupta, Sushma	IETE JOURNAL OF RESEARCH		2019							0	0
199	Measurement and Optimization of Performance Parameters of Linear Switched Reluctance Motor Using Finite Element Method	Prasad, N.; Jain, S.; Gupta, S.	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA		2019							0	0
200	Phase analysis and reduction behaviour of Ce dopant in zirconolite	Kaur, Rajveer; Gupta, M.; Kuliya, P. K.; Ghumman, S. S.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	OCT 2019	2019	322	1	183	192			0	0
201	Convergence Analysis and Complex Geometry of an Efficient Derivative-Free Iterative Method	Kumar, Deepak; Sharma, Janak Raj; Jantschi, Lorentz	MATHEMATICS	OCT 2019	2019	7	10			919		0	0
202	A First Principle Study of Structural, Electronic, and Vibrational Properties of LuPbBi Half-Heusler Alloy	Gupta, Yuhit; Sinha, Murari Mohan; Verma, Suram Singh	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	OCT 2019	2019	256	10			1900117		0	0
203	Weld metal composition and aging influence on metallurgical, corrosion and fatigue crack growth behavior of austenitic stainless steel welds	Malthotra, Dikshant; Shahi, A. S.	MATERIALS RESEARCH EXPRESS	OCT 2019	2019	6	10			106555		0	0
204	Investigation of wear characteristics of Al-4032 based metal matrix composite using Taguchi's optimization approach	Kumar, Deepak; Singh, Pradeep K.	MATERIALS RESEARCH EXPRESS	OCT 2019	2019	6	10			106543		0	0
205	On the Design of a Novel Fractal Antenna for Spectrum Sensing in Cognitive Radio	Aggarwal, Monika; Pharaoh, Amar Partap Singh	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	SEP 2019	2019	34	9	1352	1358			0	0
206	Effect of date syrup on physicochemical, pasting, textural, rheological and morphological properties of sweet potato starch	Deepshikha; Kashyap, Piyush; Jindal, Navdeep	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	SEP 2019	2019	13	3	2398	2405			0	0
207	Flexible fault tolerance in cloud through replicated cooperative resource group	Hasan, Moir; Goraya, Major Singh	COMPUTER COMMUNICATIONS	SEP 2019	2019	145		176	192			0	0
208	Comprehensive Controller Implementation for Wind-PV-Diesel Based Standalone Microgrid	Rezakkah, Miloud; Singh, Sanjeev; Chandra, Ambrish; Singh, Bhim; Tremblay, Marco; Saad, Masrouf; Genz, Hua	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	SEP-OCT 2019	2019	55	5	5416	5428			0	0
209	QoS mechanisms for MAC protocols in wireless sensor networks: a survey	Kaur, Tarunpreet; Kumar, Dilip	IET COMMUNICATIONS	AUG 27 2019	2019	13	14	2045	2062			0	0

210	Manganese-mediated acetylation of alcohols, phenols, thiols, and amines utilizing acetic anhydride	Jain, Isha; Sharma, Ramandeep; Malik, Payal	SYNTHETIC COMMUNICATIONS	NOV 2 2019	2019	49	21	2952	2960		0	0
211	Experimental and modeling studies of the flow, dynamic and creep recovery properties of pearl millet starch as affected by concentration and cultivar type	Bhardwaj, Mamta; Sandhu, Kawajit Singh; Saxena, D. C.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	AUG 15 2019	2019	135		544	552		0	0
212	Probing swift heavy ion irradiation damage in Nd-doped zirconolite	Gupta, Merry; Kuliya, P. K.; Meena, R. C.; Neumeier, S.; Ghuman, S. S.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	AUG 15 2019	2019	453		22	27		0	0
213	An Efficient Class of Weighted-Newton Multiple Root Solvers with Seventh Order Convergence	Sharma, Janak Raj; Kumar, Deepak; Cattani, Carlo	SYMMETRY-BASEL	AUG 2019	2019	11	8			1054	0	0
214	Ultrasound-Assisted Facile Synthesis and Antimicrobial Studies of Alkanedyl-bis-thiazolidin-4-ones and Alkanedyl-bis-thiazidin-4-ones	Kaur, Amritpal; Kaur, Avneet Pal; Gautam, Poonam; Gautam, Deepika; Chaudhary, Ram Pal	JOURNAL OF HETEROCYCLIC CHEMISTRY	AUG 2019	2019	56	8	2105	2110		0	0
215	Peroxidase as indicator enzyme of blanching in bottle gourd ( <i>Lagenaria siceraria</i> ): Changes in enzyme activity, color, and morphological properties during blanching	Bhat, Suheela; Saini, Charanjiv Singh; Kumar, Manish; Sharma, Harish Kumar	JOURNAL OF FOOD PROCESSING AND PRESERVATION	AUG 2019	2019	43	8			e14017	0	0
216	Design of micro-machined modified Sierpinski gasket fractal antenna for satellite communications	Kumar, Ashish; Singh, Amar Partap	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	AUG 2019	2019	29	8			e21786	0	0
217	Developments in Ozone-Based Bleaching of Pulps	Tripathi, Sandeep Kumar; Bhardwaj, Nishi Kant; Ghatak, Himadri Roy	OZONE-SCIENCE & ENGINEERING	MAR 3 2020	2020	42	2	194	210		0	0
218	Performance enhancement of traffic information gathering (PEntnG) algorithm for vehicular ad-hoc networks	Kumar, Rajeev; Kumar, Dilip; Kumar, Dinesh	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	OCT 2019	2019	32	15			e4111	0	0
219	A low leakage TG-CNTFET-based inexact full adder for low power image processing applications	Goyal, Candy; Ubhi, Jagpal Singh; Raj, Balwinder	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	SEP 2019	2019	47	9	1446	1458		0	0
220	On a Reduced Cost Higher Order Traub-Steffensen-Like Method for Nonlinear Systems	Sharma, Janak Raj; Kumar, Deepak; Jantschi, Lorentz	SYMMETRY-BASEL	JUL 2019	2019	11	7			891	0	0
221	One-Point Optimal Family of Multiple Root Solvers of Second-Order	Kumar, Deepak; Sharma, Janak Raj; Cesarano, Clemente	MATHEMATICS	JUL 2019	2019	7	7			655	0	0
222	An Efficient Derivative Free One-Point Method with Memory for Solving Nonlinear Equations	Sharma, Janak Raj; Kumar, Sunil; Cesarano, Clemente	MATHEMATICS	JUL 2019	2019	7	7			604	0	0
223	Design of XPM based all optical contention detection circuit at 120Gbps	Singh, Dilbag; Singh, Surinder; Sharma, Vishal; Singh, Sukhbir; Ngo, Quang Minh	OPTICAL AND QUANTUM ELECTRONICS	JUL 2019	2019	51	7			215	0	0
224	On a Bi-Parametric Family of Fourth Order Composite Newton-Jarratt Methods for Nonlinear Systems	Sharma, Janak Raj; Kumar, Deepak; Argyros, Ioannis K.; Magrenan, Angel Alberto	MATHEMATICS	JUN 2019	2019	7	6			492	0	0
225	Development of Optimal Eighth Order Derivative-Free Methods for Multiple Roots of Nonlinear Equations	Sharma, Janak Raj; Kumar, Sunil; Argyros, Ioannis K.	SYMMETRY-BASEL	JUN 2019	2019	11	6			766	0	0
226	Effect of nutraceuticals (beta-glucan concentrate, flaxseed lignan concentrate and gamma oryzanol concentrate) on nutritional, textural, pasting, thermal, structural and morphological properties of corn and rice flour blend based RTE extrudates	Kour, Jasmeel; Singh, Sukhcham; Saxena, Dharmesh Chandra	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	JUN 2019	2019	13	2	988	1003		0	0
227	Evaluation of RGB cube calibration framework and effect of calibration charts on color measurement of mozzarella cheese	Minz, P. S.; Saini, Charanjiv Singh	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	JUN 2019	2019	13	2	1537	1546		0	0
228	Optimization of process parameters and estimation of kinetic parameters for lactic acid production by <i>Lactobacillus casei</i> MTCC 1423	Thakur, Avinash; Panesar, Parmjit S.; Saini, Manohar Singh	BIOMASS CONVERSION AND BIREFINERY	JUN 2019	2019	9	2	253	266		0	0
229	Wavelet and Total Variation Based Method Using Adaptive Regularization for Speckle Noise Reduction in Ultrasound Images	Rawat, Nishtha; Singh, Manminder; Singh, Birmohan	WIRELESS PERSONAL COMMUNICATIONS	JUN 2019	2019	106	3	1547	1572		0	0
230	Structural effect on the central cavity of a pendent 12N3 macrocycle on bonding and photophysical properties of Eu <sup>3+</sup> and Tb <sup>3+</sup> complexes: Experimental and theoretical study	Rohini; Baral, Minati; Kanungo, B. K.	JOURNAL OF MOLECULAR STRUCTURE	MAY 15 2019	2019	1184		324	338		0	0
231	Experimental and theoretical studies on structure, bonding and luminescence properties of Eu(III) and Tb(III) complexes of a new macrocyclic based 8HQ ligand	Rohini; Baral, Minati; Kanungo, B. K.	JOURNAL OF COORDINATION CHEMISTRY	MAY 3 2019	2019	72	9	1497	1523		0	0
232	Analysis of cross phase modulation in fiber Raman amplifiers for broadband optical communications system	Singh, Surinder; Bindal, Adish; Singh, Sukhbir; Quang Minh Ngo; Malek Mohammad, Amin	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	MAY-JUN 2019	2019	13	5-6	301	308		0	0
233	Photon Interaction Parameters Investigations for Some ZnO-Al <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> Glasses at 59.4 keV Incident Photon Energy	Singh, Randev; Singh, Devinder; Singh, Amrit; Dhallwal, A. S.	GLASS PHYSICS AND CHEMISTRY	MAY 2019	2019	45	3	202	207		0	0
234	Storage stability determination of calorie deficit gluten-free biscuit: Taguchi concern	Singh, Ajay; Kumar, Pradyuman	JOURNAL OF FOOD PROCESSING AND PRESERVATION	MAY 2019	2019	43	5			e13927	0	0
235	Development and characterization of biodegradable films from whey protein concentrate, psyllium husk and oxidized, crosslinked, dual-modified lotus rhizome starch composite	Sukhija, Sakshi; Singh, Sukhcham; Riar, Charanjit S.	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	MAY 2019	2019	99	7	3398	3409		0	0
236	Design approach of solid-core photonic crystal fiber sensor with sensing ring for blood component detection	Kaur, Veerpal; Singh, Surinder	JOURNAL OF NANOPHOTONICS	APR 2019	2019	13	2			26011	0	0
237	Photocatalytic degradation of monocrotophos using TiO <sub>2</sub> photocatalyst: identification of intermediates by chromatographic techniques and reaction pathway	Kaur, Paramjeet; Bansal, Priti; Sud, Dhraj	DESALINATION AND WATER TREATMENT	APR 2019	2019	148		329	337		0	0
238	A new method to generate artificial microstructure of dual phase steel using Teacher-Learner Based Optimization	Verma, Ashwani; Saxena, Ravindra K.	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	APR 2019	2019	44	4			UNSP 85	0	0
239	Next-generation Internet of things and cloud security solutions	Verma, Vinod Kumar; Nalainis, Klimis; Moreno, Carlos Manuel; Yang, Chao-Tung	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	MAR 13 2019	2019	15	3			1.55E+15	0	0
240	Low Leakage Zero Ground Bounce Noise Nanoscale Full Adder Using Source Biasing Technique	Goyal, Candy; Ubhi, Jagpal Singh; Raj, Balwinder	JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS	MAR 2019	2019	14	3	360	370		0	0
241	Moisture sorption isotherms and quality characteristics of onion powder during storage as affected by sprouting	Majid, Ishrat; Hussain, Shafiq; Nanda, Vikas	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	MAR 2019	2019	13	1	775	784		0	0
242	Convergence Analysis of Weighted-Newton Methods of Optimal Eighth Order in Banach Spaces	Sharma, Janak Raj; Argyros, Ioannis K.; Kumar, Sunil	MATHEMATICS	FEB 2019	2019	7	2			198	0	0
243	Some New Harmonic Mappings Convex in One Direction and their Convolution	Singla, Chiru; Gupta, Sushma; Singh, Sukhjit	FILOMAT	2019	2019	33	19	6131	6139		0	0
244	Recent Advances in Applications of Supported Ionic Liquids	Kaur, Pawanpreet; Chopra, Harish Kumar	CURRENT ORGANIC CHEMISTRY	2019	2019	23	26	2881	2915		0	0
245	Convergence Ball and Complex Geometry of an Iteration Function of Higher Order	Kumar, Deepak; Argyros, Ioannis K.; Sharma, Janak Raj	MATHEMATICS	JAN 2019	2019	7	1			28	0	0
246	Extraction solvent concentration affecting the anthocyanins and other phytochemicals profile and antioxidant properties of bran extracts of pigmented rice cultivars	Bhat, F. M.; Riar, C. S.	SCIENTIA IRANICA	NOV-DEC 2018	2018	25	6	3331	3344		0	0
247	A Novel Approach to Predict Mobility Pattern of Mobile Nodes in Mobile Ad-hoc Networks	Kouri, S.; Ubhi, J. Singh	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	NOV 2018	2018	77	11	629	632		0	0
248	Effect of parboiling and puffing processes on the physicochemical, functional, optical, pasting, thermal, textural and structural properties of selected indica rice	Kumar, Shiv; Prasad, Kamlesh	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	SEP 2018	2018	12	3	1707	1722		0	0
249	Process development of bottle gourd sweetmeat by microwave heating: Changes in rheological, textural, sensory and morphological parameters	Bhat, Suheela; Saini, Charanjiv Singh; Sharma, Harish Kumar	FOOD BIOSCIENCE	AUG 2018	2018	24		95	102		0	0
250	Effect of Weld Cooling Rates on Mechanical and Metallurgical Properties of Submerged Arc Welded Pressure Vessel Steel	Arya, Harish Kumar; Singh, Kulwant; Saxena, R. K.	JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME	AUG 2018	2018	140	4			41406	0	0
251	UTILIZATION OF AGRO-INDUSTRIAL RESIDUES FOR THE PRODUCTION OF beta-GALACTOSIDASE USING FUNGAL ISOLATE UNDER SOLID STATE FERMENTATION CONDITIONS	Kaur, R.; Panesar, P. S.; Singh, R. S.	ACTA ALIMENTARIA	JUN 2018	2018	47	2	162	170		0	0
252	Data proliferation based estimations over distribution factor in heterogeneous wireless sensor networks	Verma, Vinod Kumar; Nalainis, Klimis; Singh, Surinder; Pathak, N. P.	COMPUTER COMMUNICATIONS	JUN 2018	2018	124		111	118		0	0
253	Design of Digital IIR Filter with Conflicting Objectives Using Hybrid Predator-Prey Optimization	Sidhu, D. S.; Dhillon, J. S.	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	MAY 2018	2018	37	5	2117	2141		0	0
254	Non-interactive approach to solve multi-objective thermal power dispatch problem using composite search algorithm	Singh, Nirbhaw Jap; Dhillon, J. S.; Kothari, D. P.	APPLIED SOFT COMPUTING	APR 2018	2018	65		644	658		0	0
255	Extraction and in vitro antioxidant capacity evaluation of phenolic compounds from pigmented aromatic rice ( <i>Oryza sativa</i> L.) cultivars	Bhat, Farhan M.; Riar, Charanjit S.	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	MAR 2018	2018	12	1	56	67		0	0
256	TOTAL PHENOLIC CONTENT, ANTIOXIDANT ACTIVITY, AND ANTHOCYANIN PROFILE OF SPROUTED ONION POWDER	Majid, I.; Nanda, V.	ACTA ALIMENTARIA	MAR 2018	2018	47	1	52	60		0	0
257	Performance analysis of electro-absorption modulator-based multi-wavelength converter	Kaur, Taranjeet; Singh, Surinder	PHOTONIC NETWORK COMMUNICATIONS	FEB 2018	2018	35	1	53	64		0	0
258	A Reliable Leakage Reduction Technique for Approximate Full Adder with Reduced Ground Bounce Noise	Goyal, Candy; Ubhi, Jagpal Singh; Raj, Balwinder	MATHEMATICAL PROBLEMS IN ENGINEERING	2018	2018	2018				3501041	0	0
259	Development and parameter optimization of maize flat bread supplemented with asparagus bean flour	Shah, Tajamul Rouf; Prasad, Kamlesh; Kumar, Pradyuman	FOOD SCIENCE AND TECHNOLOGY	JAN-MAR 2018	2018	38	1	148	156		0	0
260	Synthesis, thermodynamic, photophysical and DFT studies of some trivalent metal chelates of a hexadentate tripodal hydroxyquinolate-based ligand	Akbar, Rifat; Baral, Minati; Kanungo, B. K.	JOURNAL OF COORDINATION CHEMISTRY	2018	2018	71	1	135	154		0	0
261	Optimization of parameters for supercritical extraction of watermelon seed oil	Rai, Amit; Mohanty, Bikash; Bhargava, Ravindra	SEPARATION SCIENCE AND TECHNOLOGY	2018	2018	53	4	671	682		0	0