

### 3.4.5 Number of Citations

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	Number of Citations
<b>2020-21</b>					
Induced Plithogenic Cognitive Maps with Combined Connection Matrix to investigate the glitches of online learning system	Dr.Nivetha Martin	Mathematics	Neutrosophic sets and systems	2021	0
Smart Materials production model with Costs associated with Decision Making on various perspectives	Dr.Nivetha Martin	Mathematics	Malaya Journal of Matematika	2021	0
Neutrosophic Optimization of Industry 4.0 Production Inventory Model	Dr.Nivetha Martin	Mathematics	Neutrosophic sets and systems	2021	0
Strongly almost weakly nano-Irg-closed sets in ideal nano topological spaces	Mr.R.Premkumar	Mathematics	GIS Science Journal	2021	0
A Study on welfare measures of college teachers in Dindigul district	Dr.S.Shief Fareeth	BBA	Kala Sarovar Research Journal	2021	0
Death as the Most Certain Possibility in Thomas Nashe's Poem, A Litany in the Time of Plague	Dr. A. Raja, Dr. R.Gnanasekaran	Department of English Language and Literature	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2021	0
Writing Novels: Inception and Interrogation	Dr. R.Gnanasekaran S. Chandra Sekar Pandian	Department of English Language and Literature	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2021	0
Story Telling For Kids – An Overview	Dr. R.Gnanasekaran Mr. Jerome Stephen	Department of English Language and Literature	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2021	0

Ecriture Feminine: A Tool to Subvert Existing Ideologies in Feminist Translation	Ms. Glory Gursheth	Department of English Language and Literature	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2021	0
Sulphonated silica and sulphonated silica / carbon particles as efficient catalysts for hydrogen generation from sodium borohydride hydrolysis	Hayagreevan C, Siva B, Rahul R, Denisdon S, John Jeevagan A, Adinaveen T, Amalraj M	Chemistry	International Journal of Hydrogen Energy	2021	0
Role of Mg <sup>2+</sup> substitution on viscosity and thermal conductivity of nickel ferrite based magnetic fluids	T. Adinaveen, Leema Sophia, D. Sanathanaraj, M. Amalraj	Chemistry	Journal of Dispersion Science and Technology	2021	0
Functionalization effect of HAp with copper (Cu) having excellent dielectric applications	K.Poovendran, K.S. Joseph Wilson, M.S. Revathy, A. Ayeshamariam, K. Kaviyarasu	Physics	Surfaces and Interfaces	2021	7
Enhancement of optoelectronic properties of ZnO thin films by Al doping for photodetector applications	VD Pon, K. S. Joseph Wilson, K. Hariprasad, V. Ganesh, HE Ali, H. Algarni, IS Yahia	Physics	Superlattices and Microstructures	2021	3
Efficiency Enhancement in Dye Sensitized Solar Cell Using 1D Photonic Crystal	M. Ismail Fathima & K. S. Joseph Wilson	Physics	Silicon	2021	0
Statistical characteristics on SEPs, radio-loud CMEs, low frequency type II and type III radio bursts associated with impulsive and gradual flares	PP Kalaivani, A. Shanmugaraju, O. Prakash, RS Kim	Physics	Earth Moon and Planets	2021	0
Multiwavelength Analysis of the Kinematics of a Long Duration Flare-CME Event on 27 January 2012	G Selvarani, SP Subramanian, A. Shanmugaraju, K. Suresh	Physics	Solar Physics	2021	0
Occurrence Rate of Radio-Loud and Halo CMEs in Solar Cycle 25: Prediction Using their Correlation with the Sunspot Number	A. Shanmugaraju, PP Kalaivani, YJ Moon, O. Prakash	Physics	Solar Physics	2021	0

Temporal and Spatial Association Between a Solar Flare, CME, and Radio Burst on 19 November 2013	A Shanmugaraju, MS Ibrahim, K Suresh, P Vijayalakshmi, SK Dhara	Physics	Solar Physics	2021	0
Enhancement in photodetection properties of Ag/CdS/Ag devices through novel rare-earth metal Tb doping	IM Ashraf, MT Khan, K Hariprasad, S Valanarasu, T Alshahran	Physics	Materials Letters	2021	2
Spray pressure variation effect on the properties of CdS thin films for photodetector applications	A Kathalingam, S Valanarasu, T Ahamad, SM Alshehri, HS Kim	Physics	Ceramics International	2021	4
Improved optoelectronic properties of Ti-doped ZnO nanorods for photodetector applications	R Ade, SS Kumar, S Valanarasu, SS Kumar, S Sasikumar, V Ganesh	Physics	Ceramics International	2021	0
Photoelectrochemical solar cell study of electrochemically synthesized Cd <sub>1-x</sub> Zn <sub>x</sub> Te thin films	A Kathalingam, S Valanarasu, S Ramesh, HS Kim, HS Kim	Physics	Solar Energy	2021	0
Recent Advances and Need of Green Synthesis in Two-Dimensional Materials for Energy Conversion and Storage Applications	Joice Sophia P, Muniraj Vignesh N, Ranjith Kumar D, Valanarasu S, Ramalingam Gopal, Joao Gaspar	Physics	Current Nanoscience	2021	0
Modeling and Experiments to Estimate Radon Emanation Factor in Soil—Grain Size and Moisture Effect	N. Chitra, S. Sundar, I. Inigo Valan, V. Subramanian, M. T. Jose, B. Venkatraman	Physics	Radiation Protection Dosimetry	2021	0
Sanga Aga Ilakkiyangalil Maanin vazhi ariyalaagum karpunilai unarvugal	S. Jegadeeswari	Tamil Language and Literature (S.F)	Modern Tamilzh Research - International Tamilzh Journal	2021	0
A study on factors influencing family planning method and effects on material health care of tribal women	M. Pandeewari and C. Mabel Joshaline	RDS	Shodh Sanchar Bulletin	2021	0

Frozen sea foods - Hot spot of Bacteria	C. Mabel Joshaline	RDS	Shodh Sanchar Bulletin	2021	0
A study on reproductive knowledge condition of tribal women in Tamilnadu	M. Pandeewari	RDS	Modern Tamilzh Research - International Tamilzh Journal	2021	0
Concentric Plithogenic Hypergraph based on Plithogenic Hypersoft sets – A Novel Outlook	Nivetha Martin	Mathematics	Neutrosophic Sets and Systems	2020	13
Unraveling the enhanced photocatalytic decomposition efficacy of the Al-doped ZnO nanoparticles @ graphene sheets	N Chidhambaram, S Valanarasu, V Ganesh, S Gobalakrishnan	Physics	Journal of Physics D Applied Physics	2020	2
Enhancement of photo-sensing properties of CdS thin films by changing spray solution volume	ILP Raj, S Valanarasu, KH Prasad, MS Revathy, N Chidhambaram	Physics	Sensors and Actuators A Physical	2020	3
Enhancement of optoelectronic parameters of Nd-doped ZnO nanowires for photodetector applications	ILP Raj, S Valanarasu, K Hariprasad, JS Ponraj, N Chidhambaram	Physics	Optical Materials	2020	12
Quantitative analysis of Ag-doped SnS thin films for solar cell applicatons	S. Sebastian, S. Vinoth , K. Hari Prasad ,M. S. Revathy , S. Gobalakrishnan , P. K. Praseetha · V. Ganesh S, AlFaify	Physics	surface Engineering	2020	0
The Terrible Impact of Flu as an International Invisible Invader in Winston Churchill's poem The Influenza, 1890	Dr. A. Raja, Dr. R.Gnanasekaran	English (SF)	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2020	0
Computer Competencies in Contemporary Classrooms	Dr. R. Gnanasekaran & S. Chandra Sekar Pandian	English (SF)	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2020	0

Management Student's perception about online learning during covid 19 lockdown	S. Shiek Fareeth	BBA	International Journal of Management	2020	0
A Study on Digital Marketing for ICICI digital banks in Ramanathapuram (District)	S. Shiek Fareeth	BBA	Dogo Rangsand Research Journal	2020	0
<b>2019-20</b>					
Historical Perspectives And The Social Life Of The Kani Tribes Of Kanyakumari District	Dr D Jenifa	History	Studies in Indian Place Names	2020	0
Sati – A Form of Femicide from Ancient India	Dr D Jenifa	History	Studies in Indian Place Names2020	2020	0
Dowry Death – A Form of Femicide in India	Dr D Jenifa	History	Studies in Indian Place Names	2020	0
Trend and Growth of Export of Indian Marine Products	Mr.K.Sankaranarayanan	Economics	Purakala	2020	0
Decision making on E-waste management methods using minimization of regret with interval-valued intuitionistic fuzzy sets	Nivetha Martin	Mathematics	Malaya Journal of Matematik	2020	0
Smart Materials Selection Using COPRAS in Lingual Neutrosophic Environment	Nivetha Martin, G.Ramkumar	Mathematics	Solid State Technology	2020	0
Optimization of Inventory Model for Electrical Power Consumption of Two Transmission Stations with Different Demand Patterns and New Costs Parameters	Nivetha Martin	Mathematics	Solid State Technology	2020	0
Managerial decision making using best worst method with multi-valued neutrosophic approach	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Eco- conscious customer centric inventory model with fractional order approach	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0

Non-linear hebbian learning algorithm for intuitionistic fuzzy cognitive maps in predictive model	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Introduction to Combined Plithogenic Hypersoft Sets	Nivetha Martin	Mathematics	Neutrosophic Sets and Systems	2020	10
Exploration of the Factors Causing Autoimmune Diseases using Fuzzy Cognitive Maps with Concentric Neutrosophic	Nivetha Martin	Mathematics	Neutrosophic Sets and Systems	2020	5
Concurrent production and rework inventory management of electrical components	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Polycystic ovarian syndrome a threat to infertility in women - diagnosis by neutrosophic linguistic fuzzy matrices	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Inventory model to combat e-waste management costs	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Factors contributing towards constructivist learning environment - analysis using FCM with interval valued LNCH approach	Nivetha Martin	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Neutrosophic Optimization of Industry 4.0 Production Inventory Model	Nivetha Martin	Mathematics	Neutrosophic Sets and Systems	2020	0
On Contra $\mathbb{I}\pi\mathbb{g}^*\beta$ continuous functions in ideal topological space	Dr.G.Ramkumar	Mathematics	Advances in Mathematics: Scientific Journal	2020	0
Biocompatible supercapacitor electrodes using green synthesised ZnO/Polymer nanocomposites for efficient energy storage applications	Sohini Chakraborty, Amal Raj M, N.L.Mary	Chemistry	Journal of Energy Storage	2020	8
Investigation on photonic band gap of a magneto photonic crystal	N. Abirami K.s. Joseph Wilson	Physics	Optik - International Journal for Light and Electron Optics	2020	1

Temperature assisted reorganization of silver nanoparticles in free-standing, flexible chitosan functionalized reduced graphene oxide thick films: A potential SERS probe for folic acid sensing	S.Asha, A. Nimrodh Ananth, Sujin P.Jose, Michael Anjello Jothi Rajan	Physics	Materials Science and Engineering: B Solid-State Materials for Advanced Technology	2020	2
Functionalization effect of HAp with copper (Cu) having excellent dielectric applications	K. Poovendran K.s. Joseph Wilson Revathy M S K. Kaviyarasu	Physics	Surfaces and Interfaces	2020	7
Efficiency enhancement of Silicon Solar cell using Effective Interface Face Method in Antireflective Coating layers	M.Ismail Fathima K.s. Joseph Wilson	Physics	International Journal of Modern Physics C	2020	1
Relationships between Interplanetary Coronal Mass Ejection Characteristics and Geoeffectiveness in the Declining Phase of Solar Cycles 23 and 24	Lawrance, M. Bendict; Moon, Y. - J.; Shanmugaraju, A.	Physics	Solar Physics	2020	1
Effect of Er doping on the ammonia sensing properties of ZnO thin films prepared by a nebulizer spray technique	K. Deva Arun Kumar, S. Valanarasu, Joice Sophia Ponraj, Brian Jeevan Fernandes, M. Shkir, S. AlFaify, Prashantha Murahari, K. Ramesh	Physics	Journal of Physics and Chemistry of Solids	2020	13
Physical and electrical properties' evaluation of SnS:Cu thin films	S. Sebastian, I. Kulandaisamy, S. Valanarasu, Mohd Shkir, V. Ganesh, I. S. Yahia, Hyun-Seok Kim & Dhanasekaran Vikraman	Physics	Surface Engineering	2020	1
Tailoring the properties of nebulizer spray pyrolysis coated FTO thin films through rare earth element terbium for optoelectronic applications	R.Thomas,T.Mathavan, M.A.Jothirajan, V.Ganesh, Mohd Shkir, I.S.Yahia, H.Y.Zahran, S.AlFaify	Physics	Physica B: Condensed Matter	2020	3

An effect of lanthanum doping on physical characteristics of FTO thin films coated by nebulizer spray pyrolysis technique	R.Thomas,,T.Mathavan, M.A.Jothirajan, V.Ganesh, Mohd Shkir, I.S.Yahia, H.Y.Zahran, S.AIFaify	Physics	Optical Materials	2020	8
Investigation of erbium co-doping on fluorine doped tin oxide via nebulizer spray pyrolysis for optoelectronic applications	R. Thomas, T. Mathavan, V. Ganesh, I.S.Yahia, H. Y. Zahran, S. AlFiafy, A. Kathalingam	Physics	Optical and Quantum Electronics	2020	1
Opto-electronic properties of cerium-doped FTO thin films prepared using Nebulizer spray technique for TCO application	R. Thomas, T. Mathavan, Mohd Shkir, S.AIFaify	Physics	Optik	2020	2
Influence of yttrium doping on microstructural and optical properties of FTO thin films prepared by nebulizer spray technique	R. Thomas, T. Mathavan, Mohd Shkir, S.AIFaify, Hyun-Seok Kim, A. Kathalingam	Physics	Materials Today Communications	2020	5
Ag-doped PbS thin films by nebulizer spray pyrolysis for solar cells	S. Rex Rosario, I. Kulandaisamy1,K. Deva Arun Kumar, K. Ramesh,Hala A. Ibrahim, Nasser S. Awwad	Physics	International Journal of Energy Research, Wiley	2020	10
Fabrication of heterostructure solar cell using the optimized Sn incorporated PbS films via atomized nebulizer spray pyrolysis	Rosario, S. R., Kulandaisamy, I., Arulanantham, A. M. S., Arun Kumar, K. D., Awwad, N. S., Ibrahim, H. A., & Ramesh, K.	Physics	Materials Science in Semiconductor Processing	2020	4
The impact of Emotional Intelligence and job stress on the performance of College Teachers	Mr.P.Ramachandran, Dr. K. Pushpa Veni	Information Technology & Management	Journal of the Maharaja Sayajirao University of Baroda	2020	0
Is Pantry, an Attribute of Subjugation or Liberation or Royalty? A Study of Lakshmi Kannan's "Islanders"	Dr.P.Veerasley	English (SF)	Scopus Indexed Journal: Journal of Xi'an University of Architecture & Technology	2020	0



What Do The Tertiary Learners Expect Of Their Teachers?: An Introductory Note	Dr.P.Veerasley	English (SF)	The International journal of Analytical and Experimental Modal AnalysisAn UGC-CARE Approved Group-II journal ISSN: 0886-9367, Vol.XII, Issue. I	2020	0
Characteristic Features and Educational Structure of a Teacher	Dr. R. Gnanasekaran & Dr. A. Raja	English (SF)	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2020	0
Community Learning Approach as Tool for Classroom Management	Mr. M. Subash	English (SF)	Our Heritage	2020	0
Invigilating the Intensity of Intravenous Intoxication among Indians through Definite Denotations of Alex Summers' Poem Addiction and Recovery	Dr. R. Gnanasekaran & Dr. A. Raja	English (SF)	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2020	0
Has COVID 19 Social Distancing Bridged Small Scale Vendors and Social Network? - A Fuzzy Outlook	Jegan Karuppiah, Nivetha Martin, S. Arul Prasad	RDS, Mathematics	Studies in Indian Place Names	2020	0
Srithara Ganesan Navelkalil Peyagal Kaatum Panpadu	Dr. M. Anbarasu	Tamil (Aided)	Modern Thamizh Research- An International Multi-Lateral Thamizh Journal	2019	0
Akananuru : Uraiyakka Marabu	Dr.M. Paramaivan	Tamil (SF)	Peyal - An internationally Refereed Journal of Tamil Studies (UGC Listed)	2019	0
Naveena Naadagangalil Thonma Kathaiyaadal	M.Karunanidhi	Tamil (SF)	Modern Thamizh Research- International Thamizh Journal	2019	0
On the construction of Fuzzy Intrinsic Edge Magic Graphs	Ms.M.Sasikala	Mathematics	Journal of Mathematical and Computational Science	2019	3

Properties of Prime and Composite Pseudo Intrinsic Edge-Magic Graphs	Ms.M.Sasikala	Mathematics	International journal of Scientific & Technology Research	2019	1
Evolution of Concentric Fuzzy Hypergraph for Inclusive Decision Making	Dr.I.Pradeepa & Dr.Nivetha Martin	Mathematics	International journal of Engineering and advances Technology	2019	0
Premises on Fuzzy Factorizable Perfect Intrinsic Edge-Magic Graphs	Ms.M.Sasikala	Mathematics	Malaya journal of Matematik	2019	2
Multi-Objective Multi Time Span Fractional Capacitated Transportation Problem in the Two	Nivetha Martin	Mathematics	International journal of Recent Technology and Engineering	2019	0
Clinically Pertinent Manganese Oxide/ Polyoxytyramine/Reduced Graphene Oxide Nanocomposite for Voltammetric Detection of Salivary and Urinary Arsenic	Rayappan Selvanathan	Chemistry	Journal of Cluster Science	2019	3
Shape-Tunable and Facile Extracellular Green Synthesis of Silver Nanocubes Using Leaf Extracts of Jatropa Gossypifolia and Jatropa Glandulifera and its Antibacterial Studies	U. Jeyapaul, S. Mary Jelastin Kala, A. John Bosco, R. Kalaivizhi, P. Prakash, M. Easuraja	Chemistry	Material Research Express	2019	1
Role of multilayer antireflective coating in ZnO based dye sensitized solar cell Role of Multilayer Antireflective Coating in ZnO based Dye Sensitized Solar Cell	M.Ismail Fathima K.s. Joseph Wilson	Physics	Vacuum	2019	4
Growth, solvent effect, optical and electrical properties of sodium 4-hydroxybenzenesulfonate dihydrate	Md. I. Zahid A. Malarkodi K.s. Joseph Wilson	Physics	Materials Science-Poland	2019	0
Analysis of properties of metamaterial-based composite system	N. Abirami K.S.Joseph wilson	Physics	International Journal of Modern Physics B	2019	3

Phonon Polariton Dispersion in Metal-Doped Nanocomposite Superlattice System	R. Krishnamurthy V. Revathy K.s. Joseph Wilson I. S. Amiri	Physics	Journal of Optical Communications	2019	0
Amalgamation and characterization of porous hydroxyapatite bio ceramics at two various temperatures	K. Poovendran K.s. Joseph Wilson	Physics	Materials Science in Semiconductor Processing	2019	0
Phonon polariton dispersion of dielectric superlattice at various pressures in low dimensional systems	N. Abirami A. Malar Kodi K.S. Joseph Wilson	Physics	Optik - International Journal for Light and Electron Optics	2019	0
Enhanced optoelectronic properties of Mg doped Cu <sub>2</sub> O thin films prepared by nebulizer pyrolysis technique	S. Santhosh Kumar Jacob, I. Kulandaisamy, S. Valanarasu, A. M. S. Arulanantham, V. Ganesh, S. AlFaify, A. Kathalingam	Physics	Journal of Materials Science: Materials in Electronics	2019	2
Effect of carrier gas pressure on structural, optical and photovoltaic properties of tin sulphide thin films prepared by nebulizer spray pyrolysis method	A.M.S. Arulanantham, S. Valanarasu, K. Jeyadheepan, A. Kathalingam	Physics	Bulletin of Materials Science	2019	0
Nebulizer spray assisted chemical vapour deposited (NACVD) tin disulfide (SnS <sub>2</sub> ) thin films for solar cell window layer applications	A. M. S. Arulanantham, S. Valanarasu, S. Rex Rosario, A. Kathalingam, Mohd. Shkir, V. Ganesh, I. S. Yahia	Physics	Materials Research Express	2019	2
Correction to: Effect of Gd <sup>3+</sup> doping on key structural, morphological, optical, and electrical properties of CdO thin films fabricated by spray pyrolysis using perfume atomizer	M. Ravikumar, R. Chandramohan, K. Deva Arun Kumar, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd Shkir, S. AlFaify	Physics	Journal of Sol-Gel Science and Technology	2019	1
Enhancement in photovoltaic properties of Nd:SnS films prepared by low-cost NSP method	S. Sebastian, I. Kulandaisamy, A. M. S. Arulanantham, S. Valanarasu, A. Kathalingam, Mohd. Shkir, Salem AlFaify	Physics	Rare Metals	2019	5

Investigation on nebulizer spray coated Nd-doped SnS <sub>2</sub> thin films for solar cell window layer application	A. M. S. Arulanantham, S. Valanarasu, S. Rex Rosario, A. Kathalingam, Mohd. Shkir, V. Ganesh, I. S. Yahia	Physics	Journal of Materials Science: Materials in Electronics	2019	4
Effect of novel Nd <sup>3+</sup> doping on physical properties of nebulizer spray pyrolysis fabricated ZnS thin films for optoelectronic technology	A. Jesu Jebathew, M. Karunakaran, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, S. AlFaify, A. Kathalingam	Physics	Physica B: Condensed Matter	2019	8
A noticeable effect of novel Nd <sup>3+</sup> doping on physical properties of nebulizer spray deposited AZO thin films for optoelectronic technology	A. Sakthivelu, K. Deva Arun Kumar, S. Valanarasu, Mohd. Shkir, V. Ganesh, A. Kathalingam, S. AlFaify	Physics	Optical and Quantum Electronics	2019	3
An effect of Gd <sup>3+</sup> doping on core properties of ZnS thin films prepared by nebulizer spray pyrolysis (NSP) method	A. Jesu Jebathew, M. Karunakaran, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, I.S. Yahia, H.Y. Zahran, A. Kathalingam	Physics	Physica B: Condensed Matter	2019	11
Analysis of Pr co-doped Al:ZnO thin films using feasible nebulizer spray technique for optoelectronic technology	K. Deva Arun Kumar, R. Thomas, S. Valanarasu, V. Ganesh, Mohd. Shkir, S. AlFaify, J. Thirumalai	Physics	Applied Physics A: Materials Science & Processing	2019	8
Investigation on structural, optical and photovoltaic properties of Barium doped cuprous oxide thin films by nebulizer spray technique	S Santhosh Kumar Jacob, I Kulandaisamy, S Valanarasu, A M S Arulanantham, V Ganesh, Mohd Shkir and I S Yahia	Physics	Materials Research Express	2019	0
Investigation on nebulizer spray deposited Gd-doped PbS thin films for photo sensing applications	K. Paulraj, S. Ramaswamy, A. M. S. Arulanantham, S. Valanarasu, Mohd Shkir, V. Ganesh, S. AlFaify, Hyun-Seok Kim, A. Kathalingam	Physics	Journal of Materials Science: Materials in Electronics	2019	0

Deposition of p-type Al doped PbS thin films for heterostructure solar cell device using feasible nebulizer spray pyrolysis technique	S. Rex Rosario , I. Kulandaisamy, K. Deva Arun Kumar, A.M.S. Arulanantham, S. Valanarasu, Maha A. Youssef, Nasser S. Awwad	Physics	Physica B: Condensed Matter	2019	6
Improving carrier transport in strontium-doped cuprous oxide thin films prepared by Nebulizer spray pyrolysis for solar cell applications	S S K Jacob, I Kulandaisamy , S Valanarasu , A M S Arulanantham , V Ganesh , M Shkir and S AlFaify	Physics	Indian Journal of Physics	2019	2
"Response to "Comment on An effect of novel Nd <sup>3+</sup> doping on physical properties of nebulizer spray pyrolysis fabricated ZnS thin films for optoelectronic technology	A. Jesu Jebathew, M. Karunakaran, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, S. AlFaify, A. Kathalingam, A. Jesu Jebathew, M. Karunakaran, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, S. AlFaify, A. Kathalingam	Physics	Physica B: Condensed Matter	2019	0
Microstructural and electrical properties evaluation of lead doped tin sulfide thin films	S. Sebastian, I. Kulandaisamy, S. Valanarasu, I. S. Yahia, Hyun-Seok Kim, Dhanasekaran Vikraman	Physics	Journal of Sol-Gel Science and Technology	2019	6
NaveenaInthiyaavil Pen ThozhilMunaivarkal: SavaalkalumTheervukalum	Dr.R.Gnanasekaran	English (SF)	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2019	0
A Critique of Fluorescent Adolescents	Dr.R.Gnanasekaran	English (SF)	Journal of Modern Thamizh Research – A Quarterly International Multilateral Thamizh Journal	2019	0
Taxonomic Study on the Wild Species of Genus Solanum L in the Southern Western Ghats of Tamil Nadu	Adaikala Raj G	RDS	International Journal of Pharmacognosy and Chinese Medicine	2019	0
Environmental values and skills through Green Education for Green Society	S. Jegan Karuppiyah	RDS	Think Indian Journal	2019	0

**2018-19**

Nano (1,2)*g~ closed sets in Nano Bitopological Spaces	Dr.G.Ramkumar	Mathematics	Journal of Applied Science and Computation	2019	0
$^{\wedge}(b,\mu)$ continuity in topological spaces	Dr.G.Ramkumar	Mathematics	Journal of Applied Science and Computation	2019	0
Catalyst free Synthesis of Highly Functionalized Indolizines from In Situ Generated Pyridinium Ylides via One-Pot Multicomponent Reaction	N. Savitha Devi	Chemistry	ChemistrySelect	2019	2
Effect of Nd doping on structural and opto-electronic properties of CdO thin films fabricated by a perfume atomizer spray method	M. Ravikumar, R. Chandramohan, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, S. AlFaify, A. Kathalingam	Physics	Bulletin of Materials Science	2019	14
Analysis of Cu doping concentration on PbS thin films for the fabrication of solar cell using feasible nebulizer spray pyrolysis	S. Rex Rosario, I. Kulandaisamy, A. M. S. Arulanantham, K. Deva Arun kumar, S. Valanarasu, Mohamed S. Hamdy, K.S. Al-Namshah	Physics	Materials Research Express	2019	4
Properties of ternary photonic crystal consisting of dielectric/plasma/ dielectric as a lattice period	M. M. Abadla Noor A Tabaza K.s. Joseph Wilson	Physics	Optik	2019	19
Distinction in the Interplanetary Characteristics of Accelerated and Decelerated CMEs/Shocks	Suresh, K.; Shanmugaraju, A.; Moon, Y.J.	Physics	Earth, Moon and Planet	2019	0
Study of Interplanetary CMEs/Shocks During Solar Cycle 24 Using Drag-Based Model: The Role of Solar Wind	Suresh, K.; Prasanna Subramanian, S.; Shanmugaraju, A.; Vršnak, Bojan; Umapathy, S.	Physics	Solar Physics	2019	0

A study on radio-loud interacting/non-interacting CMEs-associated SEPs and solar flares	Pappa Kalaivani, P.; Prakash, O.; Feng, Li; Shanmugaraju, A.; Ding, Liu-Guan; Lu, Lei; Gan, Weiqun	Physics	Advances in Space Research	2019	3
Influence of rare earth material (Sm <sup>3+</sup> ) doping on the properties of electrodeposited Cu <sub>2</sub> O films for optoelectronics	C. Ravichandiran, A. Sakthivelu, K. Deva Arun Kumar, R. Davidprabu, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd Shkir, H. Algarni, S. AlFaify	Physics	Journal of Materials Science: Materials in Electronics	2019	2
Fabrication and characterization of lead sulfide (PbS) thin film based heterostructure (FTO/CdS/PbS/Ag) solar cell by nebulizer spray method	S. Rex Rosario, I. Kulandaisamy, A. M. S. Arulanantham, K. Deva Arun Kumar, S. Valanarasu, Mohd. Shkir, A. Kathalingam, S. AlFaify	Physics	Materials Research Express	2019	9
Effect of rare earth Pr doping on core characteristics of electrodeposited nanocrystalline Cu <sub>2</sub> O films: a film for optoelectronic technology	C. Ravichandiran, A. Sakthivelu, R. Davidprabu, K. Deva Arun Kumar, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd Shkir, H. Algarni, S. AlFaify	Physics	Journal of Sol-Gel Science and Technology	2019	1
In-depth study on structural, optical, photoluminescence and electrical properties of electrodeposited Cu <sub>2</sub> O thin films for optoelectronics: An effect of solution pH	C. Ravichandiran, A. Sakthivelu, R. Davidprabu, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd. Shkir, H. Algarni, S. AlFaify	Physics	Microelectronic Engineering	2019	10
Physical properties evaluation of nebulized spray pyrolysis prepared Nd doped ZnO thin films for opto-electronic applications	A. Rohini Devi, A. Jegatha Christy, K. Deva Arun Kumar, S. Valanarasu, Mohamed S. Hamdy, K. S. Al-Namshah, Abdullah M. Alhanas h, Dhanasekaran Vikraman, Hyun-Seok Kim	Physics	Journal of Materials Science: Materials in Electronics	2019	6
Investigations on Fe doped SnS thin films by nebulizer spray pyrolysis technique for solar cell applications	S. Sebastian, I. Kulandaisamy, S. Valanarasu, N. Soundaram, K. Paulraj, Dhanasekaran Vikraman, Hyun-Seok Kim	Physics	Journal of Materials Science: Materials in Electronics	2019	9

Influence of Al doping concentration on the optoelectronic properties of SnS thin films prepared by NSP	S. Sebastian, I. Kulandaisamy, A. M. S. Arulanantham, S. Valanarasu, A. Kathalingam, A. Jesu Jebathew, Mohd. Shkir, M. Karunakaran	Physics	Optical and Quantum Electronics	2019	8
Preparation and Characterization of Sol-Gel Dip Coated Al: ZnO (AZO) Thin Film for Opto-Electronic Application	K. Deva Arun Kumara, S. Valanarasu, and S. Rex Rosario	Physics	Semiconductors	2019	2
Preparation of Eu-Doped Cu <sub>2</sub> O Thin Films Using Different Concentrations by SILAR and Their Heterojunction Property with ZnO	N. Soundaram, R. Chandramohan, R. David Prabu, S. Valanarasu, K. Jeyadheepan, A. Kathalingam, Mohamed S. Hamdy, Abdullah M. Alhanash, And K.S. Al-Namshah	Physics	Journal of Electronic Materials	2019	5
Flexible and free-standing reduced graphene oxide thick films with PMMA stabilized silver nanoparticles, as a potential probe for cancer thermal therapy	S Asha, A Nimrodh Ananth, Sujin P Jose and Michael Anjello Jothi Rajan	Physics	Biomedical Physics & Engineering Express	2018	1
The Influence of Physical properties on the Antibacterial Activity of Lysine Conjugated Chitosan Functionalized Silver Nanoparticles	G. Vanitha Kumari T. Mathavan, R. Srinivasan M. A. Jothirajan	Physics	Journal of Inorganic and Organometallic Polymers and Materials	2018	6
A Major Geoeffective CME from NOAA 12371: Initiation, CME-CME Interactions, and Interplanetary Consequences	Joshi, Bhuwan; Ibrahim, M. Syed; Shanmugaraju, A.; Chakrabarty, D.	Physics	Solar Physics	2018	12
Effect of solvent on the key properties of Al doped ZnO films prepared by nebulized spray pyrolysis technique	K.Deva Arun Kumar, V. Ganesh, S. Valanarasu, Mohd. Shkir, I. Kulandaisamy, A. Kathalingam, S. AlFaify	Physics	Materials Chemistry and Physics	2018	24



Effect of Pr <sup>3+</sup> doping on key properties of CdO thin films deposited by spray pyrolysis using perfume atomizer	M. Ravikumar, R. Chandramohan, K. Deva Arun Kumar, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd. Shkir, S. AlFaify, H. Algarni	Physics	Journal of Physics and Chemistry of Solids	2018	11
Effect of deposition temperature on key optoelectronic properties of electrodeposited cuprous oxide thin films	C. Ravichandiran,A. Sakthivelu,R. Davidprabu,S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd Shkir, C. J. Sreelatha, S. AlFaify	Physics	Optical and Quantum Electronics	2018	2
Solution volume effect on structural, optical and photovoltaic properties of nebulizer spray deposited SnS thin films	A. M. S. Arulanantham, S. Valanarasu,A. Kathalingam,K. Jeyadhepan	Physics	Journal of Materials Science: Materials in Electronics	2018	8
Transition metal (Mn) and rare earth (Nd) di-doped novel ZnO nanoparticles: a facile sol-gel synthesis and characterization	A. Albert manoharan, R. Chandramohan, K. Deva Arun Kumar , S. Valanarasu,V. Ganesh, Mohd. Shkir, H. Algarni,S. AlFaify	Physics	Journal of Materials Science: Materials in Electronics	2018	6
The consequence of immersion time in chemical bath deposition on the properties of CuO thin films	V. Ramya, K. Neyvasagam, R. Chandramohan, R. Mohan, S. Valanarasu & A. Milton Franklin Benial	Physics	Surface Engineering	2018	1
Influence of substrate temperature on the SnS absorber thin films and SnS/CdS heterostructure prepared through aerosol assisted nebulizer spray pyrolysis	A. M. S. Arulanantham , S. Valanarasu, A. Kathalingam , Mohd. Shkir , Hyun-Seok Kim	Physics	Materials Research Express	2018	8
Improving the conductivity of cuprous oxide thin film by doping Calcium via feasible nebulizer spray technique for solar cell (FTO/ZnO/Ca-Cu <sub>2</sub> O)	S. Santhosh Kumar Jacob, I. Kulandaisamy , S. Valanarasu , A. M.S. Arulanantham , Mohd. Shkir, A. Kathalingam , N. Soundaram	Physics	Materials Research Express	2018	8

Effects of Al composition on the secondary phase formation and thermoelectric properties of Zn <sub>1-x</sub> Al <sub>x</sub> O nanocrystals	T.M.V. Murugu Thiruvalluvan , V. Natarajan , V. Manimuthu , S. Valanarasu , P. Anandan , M. Arivanandhan	Physics	Journal of Physics and Chemistry of Solids	2018	5
Facile synthesis and characterization of undoped, Mn doped and Nd co-doped CuO nanoparticles for optoelectronic and magnetic applications	A. Albert manoharan, R. Chandramohan, R. David prabu, S. Valanarasu, V. Ganesh, Mohd Shkir, A. Kathalingam, S. AlFaify	Physics	Journal of Molecular Structure	2018	13
Novel rare earth Gd and Al co-doped ZnO thin films prepared by nebulizer spray method for optoelectronic applications	V. Anand, A. Sakthivelu, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, A. Kathalingam, S. AlFaify	Physics	Superlattices and Microstructures	2018	20
Effect of thermal annealing on nebulizer spray deposited tin sulfide thin films and their application in a transparent oxide/CdS/SnS heterostructure	A.M.S. Arulanantham, S. Valanarasu, K. Jeyadheepan, A. Kathalingam	Physics	Thin Solid Films	2018	16
An investigation on SnS layers for solar cells fabrication with CdS, SnS <sub>2</sub> and ZnO window layers prepared by nebulizer spray method	A. M. S. Arulanantham, S. Valanarasu, A. Kathalingam, Mohd. Shkir, Hyun-Seok Kim	Physics	Applied Physics A: Materials Science & Processing	2018	11
Effect of heat in chitosan dissolution and addition of KI on the enhancement of ionic conductivity	E. Bementa, M. A. Jothi Rajan	Physics	Ionics	2018	1
Analysis of Polariton Dispersion in Metal Nanocomposite Based Novel Superlattice System	V. Doni Pon K.s. Joseph Wilson, A. Malarkodi	Physics	Results in Physics	2018	1
Interplanetary type II radio bursts and their association with CMEs and flares	Shanmugaraju, A.; Suresh, K.; Vasanth, V.; Selvarani, G.; Umapathy, S.	Physics	Astrophysics and Space Science	2018	2

Effect of Neodymium doping on the structural, morphological, optical and Journal electrical properties of copper oxide thin films	R. David Prabu, S. Valanarasu, H. A. Herisalin Geno, A. Jegatha Christy, K. Jeyadheepan, A. Kathalingam	Physics	Journal of Materials Science: Materials in Electronics	2018	10
Influence of substrate temperature on the physical properties of SnS <sub>2</sub> thin films prepared using nebulized spray pyrolysis technique	N. Anitha, M. Anitha, J. Raj Mohamed, S. Valanarasu, L. Amalraj	Physics	Journal of Materials Science: Materials in Electronics	2018	2
Influence of carrier gas pressure on nebulizer spray deposited tin disulfide thin films	A. M. S. Arulanantham, S. Valanarasu, A. Kathalingam, K. Jeyadheepan	Physics	Journal of Materials Science: Materials in Electronics	2018	7
Fabrication of antimony doped tin disulfide thin films by an inexpensive, modified spray pyrolysis technique using nebulizer	N. Anitha, M. Anitha, K. Saravanakumar, S. Valanarasu, L. Amalraj	Physics	Journal of Physics and Chemistry of Solids	2018	8
Effect of spray pressure on optical, electrical and solar cell efficiency of novel Cu <sub>2</sub> O thin films	R. David Prabu, S. Valanarasu, V. Ganesh, Mohd. Shkir, A. Kathalingam, S. Alifaify	Physics	Surface and Coatings Technology	2018	19
Picomolar-level electrochemical detection of thiocyanate in the saliva samples of smokers and non-smokers of tobacco using carbon dots doped Fe <sub>3</sub> O <sub>4</sub> nanocomposite embedded on g-C <sub>3</sub> N <sub>4</sub> nanosheets	Rayappan Selvanathan	Chemistry	Electrochimica Acta	2018	29
Biogenic Synthesis, Characterization and Pharmacological Study of Silver Nanoparticles using <i>Enicostema axillare</i> Leaves	Murugapandi M	Chemistry	International Journal of Pharmacognosy and Chinese Medicine	2018	0
Beyond the Postcolonial	Dr..S.Jesurajan	English(aided)	Refereed Journal of English Language, Literature and Criticism	2018	0

Mayuram Vethanayagam pillayin Pen Kalvi Synthanaikal	Dr. S. Ganesh	Tamil	Muthukalam	2018	0
<b>2017-18</b>					
Determination of the Vulnerable age Group of Women Getting Affected by thyroid Cancer Considering Environmental Effects in the journal of Ecology, Environment and conservation	J.Xavier Adaikalaraj, Nivetha Martin	Mathematics	Ecology, Environment and conservation	2018	0
Optimization of Economic Production Quantity with Customer Retention (EPQCR) Model	Nivetha Martin	Mathematics	Mathematical Sciences International Research Journal	2018	0
Determination of Effective Measures to turn off customer attrition using Vikor method with ordinal interval numbers	Xavier Adaikalaraj, Nivetha Martin, Sahaya Thivya	Mathematics	Mathematical Sciences International Research Journal	2018	0
On Weakly Supra Generalized Closed Set and Its Map	G Ramkumar, M. Gilbert Rani, J. Robert Dhiliban	Mathematics	Mathematical Sciences International Research Journal	2018	0
Reduced graphene oxide aerogel networks with soft interfacial template for applications in bone tissue regeneration	S. Asha, A. Nimrodh Ananth, Sujin P. Jose, M. A. Jothi Rajan	Physics	Applied Nanoscience	2018	8
Surface Colonized Silver Nano particles over Chitosan Poly- electrolyte Micro-spheres and its Multi-Functional Behavior	B Prakash, S Asha, AN Ananth, G Vanithakumari, GS Okram, SP Jose, M. A. Jothi Rajan	Physics	Materials Research Express	2018	0
Effect of electric field, dielectric screening and conduction band nonparabolicity of donor in a quantum dot	Rejo Jeice Sr. Gerardin Jayam K.s. Joseph Wilson	Physics	International Journal of Modern Physics B	2018	3
Analysis of photonic band gap in novel piezoelectric photonic crystal	Malar Kodi V. Doni Pon K.s. Joseph Wilson	Physics	Modern Physics Letters B	2018	0

Enhanced sensitivity of cancer cell using one dimensional nano composite material coated photonic crystal	I. S. Amiri, K.s. Joseph Wilson	Physics	Microsystem Technologies	2018	31
Effect of different solvents on the key structural, optical and electronic properties of sol-gel dip coated AZO nanostructured thin films for optoelectronic applications	K. Deva Arun Kumar , V. Ganesh, Mohd. Shkir,S. AlFaify, S. Valanarasu	Physics	Journal of Materials Science: Materials in Electronics	2018	25
Effect of Gd <sup>3+</sup> doping on key structural, morphological, optical, and electrical properties of CdO thin films fabricated by spray pyrolysis using perfume atomizer	M. Ravikumar, R. Chandramohan, K. Deva Arun Kumar, S. Valanarasu,A. Kathalingam,V. Ganesh, Mohd Shkir ,S. AlFaify	Physics	Journal of Sol-Gel Science and Technology	2018	19
Rare earth Sm <sup>3+</sup> co-doped AZO thin films for optoelectronic application prepared by spray pyrolysis	V. Anand, A. Sakthivelu, K. Deva Arun Kumar, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd Shkir, S. AlFaify, I.S. Yahia	Physics	Ceramics International	2018	26
An effect of temperature on structural, optical, photoluminescence and electrical properties of copper oxide thin films deposited by nebulizer spray pyrolysis technique	R. David Prabu , S. Valanarasu , V. Ganesh , Mohd Shkir , S. AlFaify , A. Kathalingam , S.R. Srikumar , R. Chandramohan	Physics	Materials Science in Semiconductor Processing	2018	32
Investigation of molar concentration effect on structural, optical, electrical, and photovoltaic properties of spray-coated Cu <sub>2</sub> O thin films	R. David Prabu, S. Valanarasu, V. Ganesh,Mohd Shkir, S. AlFaify, A. Kathalingam	Physics	Surface and Interface Analysis	2018	17
Effect of Precursors on Key Opto-electrical Properties of Successive Ion Layer Adsorption and Reaction-Prepared Al:ZnO Thin Films	K. Deva Arun Kumar , S. Valanarasu,V. Ganesh,Mohd Shkir, A. Kathalingam,S. AlFaify	Physics	Journal of Electronic Materials	2018	14

Evaluation of the physical, optical, and electrical properties of SnO <sub>2</sub> : F thin films prepared by nebulized spray pyrolysis for optoelectronics	K. Deva Arun Kumar , S. Valanarasu, K. Jeyadheepan, Hyun-Seok Kim, Dhanasekaran Vikraman	Physics	Journal of Materials Science: Materials in Electronics	2018	30
Cu:ZnS and Al:ZnS thin films prepared on FTO substrate by nebulized spray pyrolysis technique	C. Sabitha, K. Deva Arun Kumar , S. Valanarasu, A. Saranya, I. Hubert Joe	Physics	Journal of Materials Science: Materials in Electronics	2018	9
Investigation of structural, optical and electrical properties of ZnS thin films prepared by nebulized spray pyrolysis for solar cell applications	C. Sabitha, I. Hubert Joe, K. Deva Arun Kumar, S. Valanarasu	Physics	Optical and Quantum Electronics	2018	10
Influence of tin precursor concentration on physical properties of nebulized spray deposited tin disulfide thin films	N. Anitha, M. Anitha, J. Raj Mohamed, S. Valanarasu & L. Amalraj	Physics	Journal of Asian Ceramic Societies	2018	0
Evaluation of the structural, optical and electrical properties of AZO thin films prepared by chemical bath deposition for optoelectronics	K. Deva Arun Kumar, S. Valanarasu, S. Rex Rosario, V. Ganesh, Mohd. Shkir, C.J. Sreelatha, S. AlFaify	Physics	Solid State Science	2018	19
Effect of potential voltages on key functional properties of transparent AZO thin films prepared by electrochemical deposition method for optoelectronic applications	Karuppiyah Deva Arun Kumar , Santiyagu Valanarasu, Vanga Ganesh, Mohd. Shkir, Salem AlFaify, and Hamed Algarni	Physics	Journal of Materials Research	2018	7
Fabrication of Eu doped CdO [Al/Eu-nCdO/p-Si/Al] photodiodes by perfume atomizer based spray technique for opto-electronic applications	M. Ravikumar , V. Ganesh , Mohd Shkir , R. Chandramohan , K. Deva Arun Kumar , S. Valanarasu , A. Kathalingam , S. AlFaify	Physics	Journal of Molecular Structure	2018	15

Nd <sup>3+</sup> Doping effect on the optical and electrical properties of SnO <sub>2</sub> thin films prepared by nebulizer spray pyrolysis for opto-electronic application	K. Deva Arun Kumar, S. Valanarasu, A. Kathalingam, K. Jeyadheepan	Physics	Materials Research Bulletin	2018	26
Rare earth Eu <sup>3+</sup> co-doped AZO thin films prepared by nebulizer spray pyrolysis technique for optoelectronics	V. Anand,A. Sakhivelu, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh,Mohd Shkir ,S. AlFaify,H. Algarni	Physics	Journal of Sol-Gel Science and Technology	2018	16
Er(OTf) <sub>3</sub> -Catalyzed Multicomponent Synthesis of 3,4-Dihydro-2H-pyran via Hetero-Diels-Alder Reaction under Ambient Temperature	N. Savitha Devi	Chemistry	ChemistrySelect	2018	4
An Eco-Friendly Approach for Synthesis of Platinum Nanoparticles Using Leaf Extracts of Jatropa Gossypifolia and Jatropa Glandulifera and Their Antibacterial Activity	U. Jeyapaul, Mary Jelastin Kala, A. John Bosco, Prakash Piruthiviraj and M. Easuraja	Chemistry	Oriental Journal of Chemistry	2018	13
Big Data Analytics Methods - A Review	Ms. I. Juliet Santhi	Computer Science & Applications	International Journal of Computer Engineering and Applications	2018	0
Survey on Enhancing Cloud Storage by Duplication Technique	A.Vijayakumar	Computer Science & Applications	International Journal of Computer Science and Engineering	2018	0
Cloud Computing Applications in Higher Education	T. Semalatha	Computer Science & Applications	International Journal of Computer Science and Engineering	2018	0
On soft $\delta$ continuous functions	Dr.G.Ramkumar	Mathematics	International Journal of Mathematics Trends and Technology	2017	0

The Sensitive and Selective Enzyme-Free Electrochemical H <sub>2</sub> O <sub>2</sub> Sensor Based on rGO/MnFe <sub>2</sub> O <sub>4</sub> Nanocomposite	Gnana Pragasam Jenita Rani, Jayachandran Saravanan, Sunirmal Sheet, Michael Anjello Jothi Rajan, Yang Soo Lee, Alagusundaram Balasubramani & Georpeter Gnana kumar	Physics	Electrocatalysis	2017	6
Ionic Conductivity and Power Conversion Efficiency Study of KI Incorporated Glucosyl Carboxonium Ion Based Biopolymer Crust Electrolyte	E. Bementa, G. S. Okram & M. A. Jothi Rajan	Physics	Polymer-Plastics Technology and Engineering	2017	3
Europium doped hydroxyapatite nanorods: Influence of silver doping	S. Asha, A.Nimrodh Ananth, Sujin P. Jose, and M. A. Jothi Rajan	Physics	International journal of nanoscience	2017	0
Studies on the Crystal growth and Optical properties of novel organic material: O-Phenylenediaminium bis-hydrogen phosphonate	I. Md Zahid I. Md Zahid A. Malarkodi K.s. Joseph Wilson	Physics	Materials Letters	2017	0
Multi-functional bio-compatible luminescent apatite with fatty acid passivated nano silver covers and its theranostics potential	S Asha, A Nimrodh Ananth, G Vanitha Kumari, B Prakash, Sujin P Jose and M A Jothi Rajan	Physics	Advances in Natural Sciences: Nanoscience and Nanotechnology	2017	2
Magneto optical properties of silver doped magnetic nanocomposite material	N. Abirami K.S.Joseph wilson	Physics	Sensing and Bio-Sensing Research	2017	3
Substrate and DLARC Layers Selection for High Efficiency Solar Cell	M.Ismail Fathima K.s. Joseph Wilson	Physics	International Journal of Nanoscience	2017	1
Propagation of coronal mass ejection observed during the rising phase of solar cycle 24	M.Syed Ibrahim .P.K Manoharan .A.Shanmugaraju.	Physics	Solar Physics	2017	3



Heights of Coronal Mass Ejections and Shocks Inferred from Metric and DH Type II Radio Bursts	Shanmugaraju, A.; Bendict Lawrance, M.; Moon, Y. J.; Lee, Jae-Ok; Suresh, K.	Physics	Solar Physics	2017	3
Properties and relationship between solar eruptive flares and Coronal Mass Ejections during rising phase of Solar Cycles 23 and 24	Syed Ibrahim, M.; Shanmugaraju, A.; Moon, Y. - J.; Vrsnak, Bojan.; Umopathy, S.	Physics	Advances in Space Research	2017	6
Multiwavelength study of a flare and burst associated coronal mass ejection	Subramanian Prasanna; Selvarani, G.; Shanmugaraju, A.	Physics	Indian Journal of Radio and Space Physics Vol. 46, 2017, 91-97	2017	0
Substrate temperature dependent opto-electronic properties of perfume atomized CdO thin films	M. Ravikumar, R. Chandramohan, S. Valanarasu, R. Manogowri & A. Kathalingam	Physics	Inorganic and Nano-Metal Chemistry	2017	4
Development of SnS (FTO/CdS/SnS) thin films by nebulizer spray pyrolysis (NSP) for solar cell applications	A.M.S. Arulanantham, S. Valanarasu, K. Jeyadheepan, V. Ganesh, Mohd Shkir	Physics	Journal of Molecular Structure	2017	23
Structural, morphological and optical properties of SnS <sub>2</sub> thin films by nebulized spray pyrolysis technique	K. Deva Arun Kumar, S. Valanarasu, V. Tamilnayagam, L. Amalraj	Physics	Journal of Materials Science: Materials in Electronics	2017	23
Structural, optical and nonlinear optical studies of AZO thin film prepared by SILAR method for electro-optic applications	D. Joseph Edison, W. Nirmala, K. Deva Arun Kumar, S. Valanarasu, V. Ganesh, Mohd. Shkir, S. AlFaify	Physics	Physica B: Condensed Matter	2017	36
Effect of solvents on sol-gel spin-coated nanostructured Al-doped ZnO thin films: a film for key optoelectronic applications	K. Deva Arun Kumar, S. Valanarasu, A. Kathalingam, V. Ganesh, Mohd. Shkir, S. AlFaify	Physics	Applied Physics A: Materials Science & Processing	2017	37
Effect of sulfur concentration on the properties of tin disulfide thin films by nebulizer spray pyrolysis technique	A. M. S. Arulanantham, S. Valanarasu, K. Jeyadheepan, A. Kathalingam, I. Kulandaisamy	Physics	Journal of Materials Science: Materials in Electronics	2017	16

Growth Aspects, structure determination and third order nonlinear optical properties of a novel organic material: 2-phenylethylaluminum 5-sulfocyclylate	S. Kalaiyarasi, A. Malarkodi, M. Nizam Mohideen, K.S. Joseph Wilson, R. Mohan Kumar	Physics	Materials Research Innovation	2017	2
Current biodiversity and Ecological Status of Scleractinian Corals of Sharm Obhur, Jeddah, Saudi Arabian Coast of the Red Sea	Dr.J.Jerald Wilson	Food Science and Technology	Marine Biodiversity	2017	2
Demonetisation - An overview	Ms.K.Ramya	Commerce	Shanlax International Journal of Commerce	2017	0
<b>2016-17</b>					
Reduced graphene oxide/ZnFe <sub>2</sub> O <sub>4</sub> nanocomposite as an efficient catalyst for the photocatalytic degradation of methylene blue dye	G. Jenita Rani, M. A. Jothi Rajan, G. Gnana kumar,	Physics	Research on Chemical Intermediates	2017	53
Effect of Prolonged Duration of Gelatinization in Starch and Incorporation with Potassium Iodide on the Enhancement of Ionic Conductivity	E. Bementa, M. A. Jothi Rajan & Earnest Stephen Gnanadass	Physics	Polymer-Plastics Technology and Engineering	2017	3
Characteristics of events with metric-to-decahctometric type II radio bursts associated with CMEs and flares in relation to SEP events	Prakash, O.; Feng, Li; Michalek, G.; Gan, Weiqun; Lu, Lei; Shanmugaraju, A.; Umopathy, S.	Physics	Astrophysics and Space Science	2017	7
Investigation on M-class Flare-Associated Coronal Mass Ejections with and Without DH Type II Radio Bursts	Selvarani, G.; Shanmugaraju, A.; Vrsnak, Bojan; Lawrance, M. Bendict	Physics	Solar Physics	2017	0
Effect of Co doped material on the structural, optical and magnetic properties of Cu <sub>2</sub> O thin films by SILAR technique	K. Dhanabalan, A. T. Ravichandran, K. Ravichandran, S. Valanarasu, Srinivas Mantha	Physics	Journal of Materials Science: Materials in Electronics	2017	5

Studies on copper oxide thin films prepared by simple nebulizer spray technique	R. David Prabu,S. Valanarasu, I. Kulandaisamy, V. Ganesh,Mohd Shkir, A. Kathalingam	Physics	Journal of Materials Science: Materials in Electronics	2017	18
Growth and Structure of India's Exports Under The Globalisation Era	Dr.M.James Antony & Mr.S.Saravanan	Economics	The Indian Economic Journal - Special Issue	2016	0
An efficient five-component synthesis of thioether containing dihydropyrano[2,3-c]pyrazoles: a green domino strategy	N. Savitha Devi	Chemistry	New Journal of Chemistry	2016	5
Watsoniameriana flower like Fe3O4/reduced graphene oxide nanocomposite for the highly sensitive and selective electrochemical sensing of dopamine	G. Jenita Rani, K. Justice Babu, G. Gnana kumar, M.A. Jothi Rajan,	Physics	Journal of Alloys and Compounds	2016	38
Effect of external perturbations on phonon-polariton modes and photonic band gap in piezoelectric crystal	Nambi R. Ramanujam K.s. Joseph Wilson	Physics	Optics Communications	2016	4
Solar and interplanetary activities of isolated and non-isolated coronal mass ejection	Bendict Lawrence, M.; Shanmugaraju, A.; Y-J Moon; S Umapathy	Physics	Indian journal of physics	2016	0
Characteristics of events with metric-to-decahctometric type II radio bursts associated with CMEs and flares in relation to SEP events	Prakash, O.; Feng, Li; Michalek, G.; Gan, Weiqun; Lu, Lei; Shanmugaraju, A.; Umapathy, S.	Physics	Astrophysics and Space Science	2016	7
Relationships Between Interplanetary Coronal Mass Ejection Characteristics and Geoeffectiveness in the Rising Phase of Solar Cycles 23 and 24	Lawrence, M.Bendict. Shanmugaraju, A.; Syed Ibrahim, M.; Moon, Y. - J.; Umapathy, S.	Physics	Solar Physics	2016	10

Evaluation of standoff distance method to determine the coronal magnetic field using CME-driven shocks	Suresh,K.; Shanmugaraju, A.; Syed Ibrahim,M.	Physics	Astrophysics and Space Science	2016	1
Statistical Analysis of Periodic Oscillations in LASCO Coronal Mass Ejection Speeds	Michalek, G.; Shanmugaraju, A.; Gopalswamy, N.; Yashiro, S.; Akiyama, S	Physics	Solar Physics	2016	4
Investigation on the source location of flares associated with type II radio bursts using multi-wavelength observations	Selvarani G. Suresh K. Shanmugaraju A.	Physics	Indian Journal of Radio and Space Physics	2016	0
Formation and Eruption of a Flux Rope from the Sigmoid Active Region NOAA 11719 and Associated M6.5 Flare: A Multi-wavelength Study	Joshi, Bhuwan, Kushwaha, Upendra, Veronig, Astrid M. Dhara, Sajal Kumar, Shanmugaraj u.A., Moon, Yong- Jae	Physics	Astrophysical Journal	2016	24
Effect of fluorine (an anionic dopant) on transparent conducting properties of Sb (a cationic) doped ZnO thin films deposited using a simplified spray technique	K. Ravichandran, N. Dineshbabu, T. Arun C, Ravidhas, S. Valanarasu	Physics	Materials Research Bulletin	2016	28
Stuydies on Optical and Electrical Properties of SILAR Deposited CuO Thin Films	S. Visalakshi, R. Kannan, S. Valanarasu, A. Kathalingam and S. Rajashabala	Physics	Mateiral Research Innovations	2016	0
				<b>Total</b>	<b>1169</b>