VIT-AP UNIVERSITY

Office of the Academic Research
The publications in the years 2018

SNO	Authors	Title	Source title	School	Month	Authors	Emp ID	Cited by	Document Type
1	Ramalingam R.J.; Konikkara N.; Al-Lohedan H.; Al-dhayan D.M.; Kennedy L.J.; Basha S.K.K.; Sayed S.R.M.	Synthesis of MoS2 nanoparticle deposited graphene/mesoporous MnOx nanocomposite for high performance super capacitor application	International Journal of Hydrogen Energy	SAS	September	Dr. Khadheer Pasha Sk	70012	23	Article
2	Vanlalawmpuia K.; Saha R.; Bhowmick B.	Performance evaluation of hetero-stacked TFET for variation in lateral straggle and its application as digital inverter	Applied Physics A: Materials Science and Processing	SENSE	September	Dr. Rajesh saha	No	18	Article
3	Sahu S.K.; Badgayan N.D.; Samanta S.; Sahu D.; Sreekanth P.S.R.	Influence of cell size on out of plane stiffness and in-plane compliance character of the sandwich beam made with tunable PCTPE nylon honeycomb core and hybrid polymer nanocomposite skin	International Journal of Mechanical Sciences	SMEC	November	Dr. P S Rama Sreekanth	70020	54	Article
4	Puthirath Balan A.; Radhakrishnan S.; Neupane R.; Yazdi S.; Deng L.; De Los Reyes C.A.; Apte A.; Puthirath A.B.; Rao B.M.; Paulose M.; Vajtai R.; Chu C.-W.; Martí A.A.; Varghese O.K.; Tiwary C.S.; Anantharaman M.R.; Ajayan P.M.	Magnetic Properties and Photocatalytic Applications of 2D Sheets of Nonlayered Manganese Telluride by Liquid Exfoliation	ACS Applied Nano Materials	SAS	October	Dr. Manmadha Rao Banki	70089	61	Article

5	Joseph J.; Deshmukh K.; Chidambaram K.; Faisal M.; Selvarajan E.; Sadasivuni K.K.; Ahamed M.B.; Pasha S.K.K.	Dielectric and electromagnetic interference shielding properties of germanium dioxide nanoparticle reinforced poly(vinyl chloride) and poly(methylmethacrylate) blend nanocomposites	Journal of Materials Science: Materials in Electronics	SAS	October	Dr. Khadheer Pasha Sk	70012	62	Article
6	Bulychev N.A.; Kazaryan M.A.; Ethiraj A.; Chaikov L.L.	Plasma Discharge in Liquid Phase Media under Ultrasonic Cavitation as a Technique for Synthesizing Gaseous Hydrogen	Bulletin of the Lebedev Physics Institute	SAS	October	Dr. Anita Sagadevan Ethiraj	70091	34	Article
7	Kumar J.; Basu B.; Talukdar F.A.; Nandi A.	Multimode-inspired low cross-polarization multiband antenna fabricated using graphene-based conductive ink	IEEE Antennas and Wireless Propagation Letters	SENSE	April	Dr. Jayendra Kumar	70077	49	Article
8	Hazarika B.; Basu B.; Kumar J.	A multi-layered dual-band on-body conformal integrated antenna for WBAN communication	AEU - International Journal of Electronics and Communications	SENSE	October	Dr. Jayendra Kumar	70077	47	Article
9	Saha R.; Bhowmick B.; Baishya S.	Temperature effect on RF/analog and linearity parameters in DMG FinFET	Applied Physics A: Materials Science and Processing	SENSE	March	Dr. Rajesh saha	No	96	Article
10	Nayak D.; Acharya D.P.; Rout P.K.; Nanda U.	A novel charge recycle read write assist technique for energy efficient and fast 20 nm 8T-SRAM array	Solid-State Electronics	SENSE	October	Nanda, Umakanta	70055	22	Article

11	Sankaran S.; Deshmukh K.; Ahamed M.B.; Khadheer Pasha S.K.	Recent advances in electromagnetic interference shielding properties of metal and carbon filler reinforced flexible polymer composites: A review	Composites Part A: Applied Science and Manufacturing	SAS	November	Dr. Khadheer Pasha Sk	70012	826	Review
12	Chakraborty D.; Munuswamy K.; Shaik K.; Nasina M.R.; Dugasani S.R.; Inturu O.	Evidence of Room Temperature Ferromagnetism Due to Oxygen Vacancies in (In1−xFex)2O3 Thin Films	Journal of Electronic Materials	SAS	March	Nasina, Madhusudhana Rao	70005	3	Article
13	Siva Sesha Reddy A.; Jedryka J.; Ozga K.; Ravi Kumar V.; Purnachand N.; Kityk I.V.; Veeraiah N.	Laser stimulated third harmonic generation studies in ZnO–Ta2O5–B2O3 glass ceramics entrenched with Zn3Ta2O8 crystal phases	Optical Materials	SENSE	February	Purnachand N	70027	10	Article
14	Chidambara Kumar K.N.; Khadeer Pasha S.K.; Deshmukh K.; Chidambaram K.; Shakil Muhammad G.	Optical Analysis of Iron-Doped Lead Sulfide Thin Films for Opto-Electronic Applications	International Journal of Nanoscience	SAS	June	Dr. Khadheer Pasha Sk	70012	3	Article
15	Chakkaravarthy S.S.; Sangeetha D.; Rathnam M.V.; Srinithi K.; Vaidehi V.	Futuristic cyber-attacks	International Journal of Knowledge-Based and Intelligent Engineering Systems	SCOPE	November	Dr. Sibi Chakkaravarthy S	70084	18	Article
16	Kulkarni H.B.; Tambe P.; M. Joshi G.	Influence of covalent and non-covalent modification of graphene on the mechanical, thermal and electrical properties of epoxy/graphene nanocomposites: a review	Composite Interfaces	SMEC	August	Dr. Pankaj Balkrishna Tambe	70009	91	Article

17	Sahu S.K.; Badgayan N.D.; Samanta S.; Rama Sreekanth P.S.	Quasistatic and dynamic nanomechanical properties of HDPE reinforced with 0/1/2 dimensional carbon nanofillers based hybrid nanocomposite using nanoindentation	Materials Chemistry and Physics	SMEC	August	Dr. P S Rama Sreekanth	70020	38	Article
18	Badeti S.; Vempaty S.; Suripeddi S.	A unified linear theory of rotating hydromagnetic flow between two parallel infinite plates subject to imposition of axial velocity	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	SAS	July	Dr. S Srinivas	70004	2	Article
19	Chakraborty D.; Kaleemulla S.; Kuppan M.; Rao N.M.; Krishnamoorthi C.; Omkaram I.; Reddy D.S.; Rao G.V.	Oxygen vacancy induced room temperature ferromagnetism in (In 1-x Ni x) 2 O 3 thin films	Indian Journal of Physics	SAS	January	Madhusudhana Rao N	70005	5	Article
20	Barpanda S.S.; Sa P.K.; Marques O.; Majhi B.; Bakshi S.	Iris recognition with tunable filter bank based feature	Multimedia Tools and Applications	SCOPE	April	Dr. Soubhagya Sankar Barpanda	70023	38	Article
21	Srinivas S.; Kumar C.K.; Reddy A.S.	Pulsating flow of Casson fluid in a porous channel with thermal radiation, chemical reaction and applied magnetic field	Nonlinear Analysis: Modelling and Control	SAS	December	Dr. S Srinivas	70004	86	Article
22	Jawaher K.R.; Indirajith R.; Krishnan S.; Robert R.; Pasha S.K.K.; Deshmukh K.; Das S.J.	Hydrothermal synthesis of CeO2–SnO2 nanocomposites with highly enhanced gas sensing performance towards n-butanol	Journal of Science: Advanced Materials and Devices	SAS	June	Pasha, S.K. Khadheer	70012	40	Article

23	Bhushan S.B.; Reddy P.C.H.	A hybrid meta-heuristic approach for QoS-aware cloud service composition	International Journal of Web Services Research	SCOPE	January	Dr. Ch Pradeep Reddy	70008	31	Article
24	Bayyappagari B.; Shaik K.; Nasina M.R.; Inturu O.; Dugasani S.R.	Effect of Fe substitution on optical and magnetic properties of CeO2 nanoparticles	Optik	SAS	February	Dr. N Madhusudhana Rao	70005	17	Article
25	Lakshmi N.V.; Tambe P.; Sahu N.K.	Giant permittivity of three phase polymer nanocomposites obtained by modifying hybrid nanofillers with polyvinylpyrrolidone	Composite Interfaces	SMEC	June	Dr. Pankaj Balkrishna Tambe	70009	41	Article
26	Badeti S.; Vempaty S.; Suripeddi S.	A Heuristic Method to Solve Nonlinear Vibration Problems	National Academy Science Letters	SAS	July	Dr. S Srinivas	70004	0	Article
27	Badgayan N.D.; Sahu S.K.; Samanta S.; Rama Sreekanth P.S.	Assessment of nanoscopic dynamic mechanical properties and B-C-N triad effect on MWCNT/h-BNNP nanofillers reinforced HDPE hybrid composite using oscillatory nanoindentation: An insight into medical applications	Journal of the Mechanical Behavior of Biomedical Materials	SMEC	October	Dr. P S Rama Sreekanth	70020	30	Article
28	Siva Sesha Reddy A.; Kostrzewa M.; Ingram A.; Purnachand N.; Bragiel P.; Ravi Kumar V.; Kityk I.V.; Veeraiah N.	Positron annihilation exploration of voids in zinc zirconium borate glass ceramics entrenched with ZnZrO3 perovskite crystal phases	Journal of the European Ceramic Society	SENSE	April	Dr. Purnachand Nalluri	70027	23	Article

29	Balaraju B.; Kaleemulla S.; Rao N.M.; Omkaram I.; Reddy D.S.; Subbaravamma K.; Rao G.V.	Effect of Fe Substitution on Microstructure and Magnetic Properties of Ni1−xFexO2 Nanoparticles	Journal of Superconductivity and Novel Magnetism	SAS	September	Rao, N. Madhusudhana	70005	3	Article
30	Sudhakar P.; Kumar V.R.; Kumar V.R.; Purnachand N.; Reddy A.S.S.; Veeraiah N.	Violet-blue emission characteristics of Pr3+ ions codoped with Ti4+ ions in lead arsenate glass system	Journal of Luminescence	SENSE	July	Dr. Purnachand Nalluri	70027	7	Article
31	Thangamani G.J.; Deshmukh K.; Chidambaram K.; Ahamed M.B.; Sadasivuni K.K.; Ponnamma D.; Faisal M.; Nambiraj N.A.; Pasha S.K.K.	Influence of CuO nanoparticles and graphene nanoplatelets on the sensing behaviour of poly (vinyl alcohol) nanocomposites for the detection of ethanol and propanol vapors	Journal of Materials Science: Materials in Electronics	SAS	March	Dr. Khadheer Pasha Sk	70012	61	Article