

S.NO	Title of the Paper	Authors	Journal Details	Impact Factor
HIGH IMPACT PUBLICATIONS				
1.	Enhanced dye removal using polymeric nanocomposite through incorporation of Ag doped ZnO nanoparticles: Synthesis and characterization	A.Gouthaman, A.Gnanaprakasam V.M.Sivakumar M.Thirumarimurugan Mohamed A.Riswan Ahamed R.S.Azarudeen	Journal of Hazardous Materials	7.65
2.	Chlamidomonas Sp . as dynamic biorefinery feedstock for the production of methyl ester and E- polylysine	RamachandranSivaramakrishnan, AranIncharoensakdi, SubramaniyamSuresh	Bioresource Technology	5.807
3.	The synergetic effect between hydrogen addition and EGR on cashew nut shell liquid biofuel-diesel operated engine	Dr. V. Thanigaivelan and M. Loganathan, V.M. Madhavan, A. Anbarasu, A. Velmurugan	Fuel, Elsevier	5.8
4.	Investigation on the effect of diethyl ether with hydrogen enriched cashew nut shell (CNS) biodiesel in direct injection(DI) diesel engine	Dr. V. Thanigaivelan and M. Loganathan, V.M. Madhavan, A. Anbarasu, A. Velmurugan	Fuel, Elsevier	5.8
5.	Extrication of Eves-A Parallel Study on Amitav Ghosh's <i>The Shadow Lines</i> and Manju Kapur's <i>Difficult Daughters</i>	Dr. Rema. V	Indian Scholar- An International Multidisciplinary Research e-Journal	5.768
6.	North-African Immigrants in France: A Brief History of Second Generation French Writers of Maghrebian Origin	Dr. Walter Hugh Parker	Indian Scholar- An International Multidisciplinary Research e-Journal	5.768
7.	Extrication of Eves-A Parallel Study on Amitav Ghosh's <i>The Shadow Lines</i> and Manju Kapur's <i>Difficult Daughters</i>	Dr. Rema. V /Dr. T. Sridevi	Indian Scholar- An International Multidisciplinary Research e-Journal	5.768
8.	The Recalcitrant Society and the Challenging Woman in Toni Morrison's Novel "Beloved" – A Study	K. Srividyalakshmi	IJELLH	5.27

9.	A novel Hg(II) sensor based on Fe ₃ O ₄ @ZnO nanocomposite as peroxidase mimics	A. Anand Babu Christus, A. Ravikumar, P. Panneerselvam, K. Radhakrishnan	Applied Surface Science	5.155
10.	MoS ₂ nanosheets as an effective fluorescent quencher for successive detection of arsenic ions in aqueous system	A. Ravikumar, P. Panneerselvam, K. Radhakrishnan, A. Anand Babu Christus, S. Sivanesan	Applied Surface Science	5.155
11.	Hydrothermal growth of highly mono dispersed TiO ₂ nanoparticles – functional properties and dye sensitized solar cell performance	M. Navaneethan, S. Nithinanand, R. Abinaya, S. Harish, J. Archana, L. Sudha , S. Ponnusamy, C. Muthamizhselvan, H. Ikeda, Y. Hayakawa	Applied Surface Science	5.155
12.	Investigation of photocatalytic behavior of l-aspartic acid stabilized Zn(1-x)MnxS solid solutions on methylene blue	A. Silambarasan, Helen P. Kavitha, S. Ponnusamy, M. Navaneethan, Y. Hayakawa	Applied Catalysis A: General	4.98
13.	Structural, phonon, elastic, thermodynamic and electronic properties of Mg–X (X = La, Nd, Sm) intermetallics: The first principles study	S. Rameshkumar , G. Jaiganesh, V. Jayalakshmi	Journal of Magnesium and Alloys	4.523
14.	Importance of research activities in higher education	Dr. S. SAVITHA	International Journal of Educational Science and Research (IJESR)	4.5
15.	Solitude and Independence in Kate Chopin's The Awakening	Dr. S. SAVITHA	International Journal of Linguistics and Literature	4.5
16.	Novel hyperbranched polyurethane resins for the removal of heavy metal ions from aqueous solution	S.S. Kalaivani, A. Muthukrishnaraj, S. Sivanesan, L. Ravikumar	Process Safety and Environmental Protection	4.384
17.	Challengers of Teaching in a Mixed Ability Classroom	REMA.V	IJELLH	4.287
18.	Kate Chopin's Short Stories – A Thematic Study	K.SRIVIDYALakshmi	IJELLH	4.287

19.	Sonochemical synthesis and visible light induced photocatalytic property of reduced graphene oxide@ZnO hexagonal hollow rod nanocomposite	A.Muthukrishnaraj, S.S.Kalaivani, A.Manikandan, Helen P.Kavitha, R.Srinivasan, N.Balasubramanian	Journal of Alloys and Compounds	4.175
20.	Synthesis and luminescence properties of novel red-emitting Eu ³⁺ ions doped silicate phosphors for Photonic applications	R. Nagaraj , Arumugam Raja, S. Ranjith	Journal of Alloys and Compounds	4.175
21.	Comprehensive analysis of interleaved boost converter with simplified H-bridge multilevel inverter based static synchronous compensator system	G Ramya, V Ganapathy, P Suresh	Electric Power Systems Research, ISSN: 0378-7796, VOL.176. Page no 105936	4.05 (SCI INDEXED JOURNAL)
22.	Parametrically driven localized magnetic excitations with spatial inhomogeneity	M. Saravanan and Wesley B. Cardoso	Communication in Nonlinear Science and Numerical Simulations 69 (2019) 176-186	3.967
23.	Thermoelectric properties of Se and Zn/Cd/Sn double substituted Co ₄ Sb ₁₂ skutterudite compounds	Karthikeyan N, Sivaprasad Ghanta, Jaiganesh G., Anbarasu V. , Partha Pratim Jana and Sivakumar K.	Physical Chemistry Chemical Physics	3.567
24.	The Beur novel – classification of an emerging literary and cultural space through a textual analysis of Ferrudja Kessas' Beur's theory	Dr. Walter Hugh Parker	International Journal of Research	3.541
25.	Kate Chopin's Short Stories – A Thematic Study	Dr. S. SAVITHA	ROOTS – International Journal of Multidisciplinary Researches	3.487
26.	Portrayal of Woman as an Inferior Being: A Study of Toni Morrison's <i>The Bluest Eye</i>	K. Srividyalakshmi	ROOTS – International Journal of Multidisciplinary Researches	3.487
27.	Technology in ELT Classroom	Dr. Rema. V	ROOTS – International Journal of Multidisciplinary Researches	3.487

28.	Solvothermal synthesis and characterizations of graphene-ZnBi ₁₂ O ₂₀ nanocomposites for visible-light driven photocatalytic applications	A Muthukrishnaraj, A Arun, SS Kalaivani, T Maiyalagan, A Manikandan, N Balasubramania	Ceramics International	3.45
29.	Comparative study on mechanical and metallurgical properties of AA6061 aluminium alloy sheet weld by pulsed current and dual pulse gas metal arc welding processes	A.Mathivanan & Dr.A.Senthil kumar, Dr.K.Devakumaran	Journal of materials and manufacturing process	3.35
30.	Effect of sintering temperature and micro structural analysis on sol-gel derived silver bismuth titanate ceramics	S. Supriya	Materials Research Bulletin	3.355
31.	Growth and characterization of proficient second order nonlinear optical material: L-Asparaginium Picrate (LASP)	M. Saravanan, A. Senthil, S. Abraham Rajasekar,	Optics and Laser Technology	3.319
32.	Electromagnetic soliton propagation in a spin torque helimagnet	M. Saravanan, Emmanuel Yomba	Chaos, Solitons and Fractals 103 (2017) 139-143,	3.064
33.	Perturbed soliton and director deformation in a ferromagnetic liquid crystal	M. Saravanan, Ameya D. Jagtap and A.S. Vasudeva Murthy	Chaos, Soliton and Fractals 106 (2018) 220-226	3.064
34.	Molecular structure, spectroscopic (ft-ir, ft-raman), nbo analysis of n,n'-diphenyl-6-piperidin-1-yl-[1,3,5]-triazine-2,4-diamine	R. Kavipriya, Helen P. Kavitha, B. Karthikeyan, A. Nataraj	Spectrochimica Acta Part A: Molecular And Biomolecular Spectroscopy	2.931
35.	Generation of Frequent sensor epochs using efficient Parallel Distributed mining algorithm in large IOT	R.M.Rani, M.Pushpalatha	Computer Communications	2.76
36.	BRAIN TUMOR SEGMENTATION USING CONVOLUTIONAL NEURAL NETWORKS IN MRI IMAGES	DR.A.SENTHILSELVI	JOURNAL OF MEDICAL SYSTEMS	2.415

37.	Effect of Ethanol Addition on Performance and Emission of CNSL Biodiesel- Hydrogen Operated Di Dual Fuel Engine	Dr. V. Thanigaivelan and M. Loganathan	Dr.	International Journal of Mechanical Engineering and Technology	2.31
38.	An attribute-based lightweight cloud data access control using hypergraph structure	R. Mythili, Revathi Venkataraman & T. Sai Raj		Journal of Supercomputing	2.16
39.	DEVELOPMENT OF FUZZY APPROACH TO PREDICT THE FETUS SAFETY AND GROWTH USING AFI	Dr.Amuthadevi,Dr.Gayathri Monicka		The Journal of super computing, Springer journal ,dec-2019	2.16
39.	DE-NOISING OF IMAGES FROM SALT AND PEPPER NOISE USING HYBRID FILTER	DR.A.SENTHILSELVI		MULTIMEDIA TOOLS AND APPLICATION	2.101