

DETAILS OF NUMBER OF PUBLICATIONS IN LAST 3 YEARS

S.No.	Name of the Paper	Journal/Conference	Ref. No.	Year of Publications
1	Issue on Design of Piled Raft Foundation DOI: 10.24297/jac.v14i1.5905	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	ISSN: 2278-1684	2017
2	Clipboard Monitoring for Data Loss Prevention	International Journal of Mobile Computing and Application(SSRG-IJMCA)	ISSN: 2393-9141	2017
3	Fast-A Fast Clustering Based Data Base with Privacy and Data Confidentiality DOI 10.22214/IJRASET	International Journal of Computer Science and Information Technology Research	ISSN: 2348-1196	2017
4	Huge records Solitude by Aspects of Big Data in Biomedical research DOI: 10.15623/IJRET.2017.0611015 Corpus ID: 134141681	International Journal of Research in Engineering and Technology(IJRET)	ISSN: 2319-1163	2017
5	Big Data Analysis of Vehicle Sharing With Respect To Environmental Pollution	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	ISSN: 2321-9653;	2017
6	Web Based Medical Knowledge Extraction Form to Take Out Medical Observation DOI 10.22214/IJRASET	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	ISSN: 2321-9653;	2017
7	Geo Polymer Concrete with GGBS(Ground Granulated Blast Furnace Slag) DOI: 10.5281/zenodo.1184032	International Journal of Engineering Sciences & Research Technology (IJESRT)	ISSN: 2277-9655	2018
8	Environmental Behavior of R.C. building outline with pontoon establishment with consideration of soil Structure Collaboration	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)	ISSN: 2455-2585	2018

9	A novel study on the characteristic of Banyan prop root fiber reinforced polymer concrete	Caribbean Journal of Science	ISSN: 0008-6452	2019
10	Prediction of durability of concrete using sorptivity and regression techniques	National Conference on Advances in Functionalized Materials(Online)	ISBN: 978-93-5419-177-0	2020
11	A novel study on the characteristic of Banyan prop root fiber reinforced polymer concrete	Caribbean Journal of Science	ISSN: 0008-6452	2019
12	Prediction of durability of concrete using sorptivity and regression techniques	National Conference on Advances in Functionalized Materials(Online)	ISBN: 978-93-5419-177-0	2020
13	Influence of fiber Reinforced Geo Polymer Concrete	International Journal of Research and Analytical Reviews	ISSN-2349-5138	2018-2019
14	Long-Term Strength of Geo Polymer Concrete	Journal of Emerging Technologies and Innovative Research	ISSN 2349-5162	2018-2019
15	Prompt synthesis of iridium organosol on DNA for catalysis and SERS applications	Journal of Materials Chemistry	ISSN 2050-7534	2017
16	Investigation of various synthetic protocols for self-assembled nanomaterials and their role in catalysis: progress and perspectives	Materials Today Chemistry	ISSN 2468-5194	2018
17	A δ - Shock Maintenance Model for a Deteriorating System with Imperfect Delayed Repair under Partial Product Process	Journal of Mathematical and Computational Science	https://doi.org/10.28919/jmcs/4165	2019
18	An Extended Extreme Shock Maintenance Model for a Deteriorating System Under Partial Product Process	International Journal of Applied Engineering Research	2018, vol.13(16) page. 12597-12601	2018

19	Geometric and Partial Product Processes and a Univariate Maintenance Model	International Journal of Research and Analytical Reviews	2018, vol.5(3) page. 747 - 754	2018
20	Partial Product Processes and Replacement Problem	International Journal of Current Advanced Research	2018, vol.7(1) page. 139-142	2018
21	A Maintenance Model for a Deteriorating System with Imperfect Delayed Repair under Partial Product Process	Journal of Applied Science and Computations	2019, vol.6(4), page. 795 – 800	2019
22	A Deteriorating System Maintenance Model with Imperfect Delayed Repair Under Partial Sum Process	Stochastic Modelling and Applications	2020, vol.24(2) page. 111-119	2020
23	Synthesis, structural, spectral and antibacterial activity of 3,3a,4,5-tetrahydro-2H-benzo[g]indazole fused carbothioamide derivatives as antibacterial agents	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2020.128961	2020
24	Synthesis of novel thiophene fused pyrazoline-thiocyanatoethanone derivative: Spectral, DFT, pharmacological, docking and in vitro antibacterial studies	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2020.129487	2020
25	Structural correlation and computational quantum chemical explorations of two 1, 2, 3-triazolyl-methoxypyridine derivatives as CYP51 antifungal inhibitors	Structural Chemistry	https://doi.org/10.1007/s11224-019-01329-6	2019
26	Synthesis, Structural Commentary, Supramolecular Architecture and Molecular Docking	Journal of Structural Chemistry	https://doi.org/	2019

	Investigations of a Novel Thiophene-Fused 1, 2, 3, 4-Tetrahydroisoquinoline Derivative as a Potent Anti-Cancer Agent.		rg/10.1134/S0022476619070163	
27	Synthesis, computational quantum chemical study, in silico ADMET and molecular docking analysis, in vitro biological evaluation of a novel sulfur heterocyclic thiophene derivative containing 1,2,3-triazole and pyridine moieties as a potential human topoisomerase II α inhibiting anticancer agent.	Computational biology and chemistry	https://doi.org/10.1016/j.compbiolchem.2019.01.013	2019
28	Crystal Structure, Spectral, Electronic, NLO Studies, and Bioactivity of 3'-(1-Benzyl-5-Methyl-1H-1, 2, 3-Triazole-4-Carbonyl)-4'-(4-Bromophenyl)-1'-Methyl-2H-Spiro[Acenaphthylene-1,2'-Pyrrolidine]-2-One	Brazilian Journal of Physics	https://doi.org/10.1007/s13538-018-0613-5	2018
29	Structure investigation, spectral characterization, electronic properties, and antimicrobial and molecular docking studies of 3'-(1-benzyl-5-methyl-1H-1, 2,3-triazole-4-carbonyl)-1'-methyl-4'-phenyl-2H-spiro[acenaphthylene-1,2'-pyrrolidine]-2-one	Journal of the Chinese Chemical Society	https://doi.org/10.1002/jccs.201800128	2018
30	Synthesis, crystal structure analysis, spectral investigations (NMR, FT-IR, UV), DFT calculations, ADMET studies, molecular docking and anticancer activity of 2-(1-benzyl-5-methyl-1H-1,2,3-triazol-4-yl)-4-(2-chlorophenyl)-6-methoxypyridine – A novel potent human topoisomerase II α inhibitor	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2018.09.010	2019
31	Synthesis, structural, DFT investigations and	Journal of the Chinese		2019

	antibacterial activity assessment of pyrazoline-thiocyanatoethanone derivatives as thymidylate kinase inhibitors	Chemical Society	https://doi.org/10.1002/jccs.201900363	
32	Synthesis, characterization, pharmacological, molecular modeling and antimicrobial activity evaluation of novel isomer quinoline derivatives	Structural Chemistry	https://doi.org/10.1007/s11224-018-1149-6	2018
33	Molecular Structure, Spectral, Electronic and Thermodynamic, First-Order Hyperpolarizability, NBO and Molecular Docking Studies of Novel AcenaphthylenePyrrolidine Derivative	ChemistrySelect	https://doi.org/10.1002/slct.201802535	2018
34	A Green and Efficient Synthesis of Bioactive 1, 2, 3 - Triazolyl-Pyridine/Cyanopyridine Hybrids via One-Pot Multicomponent Grinding Protocol	ChemistrySelect	https://doi.org/10.1002/slct.201802251	2018
35	A Smart and Efficient One-Pot Green Synthesis of Novel 1, 2, 3-Triazolyl Pyrazoline-/Indazolyl-Carbo thioamide Hybrids under Solvent-Free Grinding Strategy at Room Temperature	ChemistrySelect	https://doi.org/10.1002/slct.201802346	2018
36	Crystal structure and molecular docking studies of 1,2,4,5-tetraaryl substituted imidazoles	Heterocyclic Communications	https://doi.org/10.1515/hc-2017-0165	2018
37	Synthesis, X-Ray Structure and Molecular Docking Analysis of Two Novel 1,2,4,5-Tetrasubstituted Imidazole Derivatives	International journal of Biophysics	doi:10.5923/j.biophysics.20180801.02	2018

38	Synthesis, structural elucidation, antioxidant, CT-DNA binding and molecular docking studies of novel chloroquinoline derivatives: Promising antioxidant and anti-diabetic agents	Journal of Photochemistry and Photobiology	https://doi.org/10.1016/j.jphotobiol.2017.05.043	2017
39	Synthesis, crystal structure analysis, spectral (NMR, FT-IR, FT-Raman and UV-Vis) investigations, molecular docking studies, antimicrobial studies and quantum chemical calculations of a novel 4-chloro-8-methoxyquinoline-2(1H)-one: An effective antimicrobial agent and an inhibition of DNA gyrase and lanosterol-14 α -demethylase enzymes	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2016.11.035	2017
40	Synthesis of a novel methyl (2E)-2-{{N-(2-formylphenyl)(4-methylbenzene) sulfonamido} methyl}-3-(2-methoxyphenyl) prop-2-enoate: Molecular structure, spectral, antimicrobial, molecular docking and DFT computational approaches	Journal of Molecular Structure	https://doi.org/10.1016/j.molstruc.2016.08.001	2017
	Water mediated one-pot synthesis and biological evaluation of 1, 2, 3-triazolyl-1, 4-dihydropyridine hybrids	Research on Chemical Intermediates	https://doi.org/10.1007/s11164-016-2614-8	2017
41	Spectra, Electronic Properties, Biological Activities and Molecular Docking Investigation on Sulfonamide Derivative Compound: An Experimental and Computational Approach	International Journal	J. Nanosci. Tech. - Volume 4 Issue 2 (2018) 348-352 https://doi.org/10.30799/jnst.sp203	2018

			18040203 ISSN: 2455-0191	
42	Spectroscopic Characterization, Quantum Computational and Molecular Docking Studies on 3-Isopropoxy-2-Naphthoic Acid: A Potential Antibacterial Agent	International Journal	Nanomedicine & Nanotechnology Open Access, DOI: 10.23880/nnoa-16000148 ISSN: 2574-187X	2018
473	Synthesis, Growth and Characterization of Glycine Ammonium Bromide: A potential NLO material	International Journal	ScienceDirect- Elsevier Materials Today: Proceedings 8 (2019) 332–336	2019
44	Spectra, Electronic structure, Biological activities and Molecular docking investigation on methyl (2E)-2-[[N-(2-formylphenyl)-4-methyl benzenesulfonamido]methyl]-3-(naphthalen-1-yl) prop-2-enoate: an experimental and computational approach	International Journal	Science Direct- Elsevier Materials Today: Proceedings 8 (2019) 402–411	2019
45	SIMULTANEOUS GROWTH OF RUTILE TiO ₂ NANOROD ON FTO PLATE BY ONE-STEP HYDROTHERMAL PROCESS FOR CdS SENSITIZED SOLAR CELL APPLICATIONS	International Journal of Chemistry and Materials Research	Vol. 7, No. 1, pp. 1-9 ISSN(e): 2311-763X ISSN(p): 2312-0991 DOI: 10.18488/journal.64.2019.71.1.9	2019
46	Growth and Characterization of L-Tyrosine Zinc Acetate Single Crystals: A Promising Material for Opto-Electronic Applications	Nanomedicine & Nanotechnology Open Access,	ISSN: 2574-187X DOI: 10.23880/nnoa-16000196	2020

47	A Semi Organic Non-linear Optical Crystal: Synthesis, Growth and Characterization of Novel Thiosemicarbazide Magnesium Chloride	International Journal of Nanoparticle Research, eSciPub LLC, Houston, TX USA.	Website: https://escipub.com/ (ISSN:2577-4417), IJNR (2020) 3:13	2020
48	Electrochromic response of pulsed laser deposited oxygen deficient monoclinic β -MoO ₃ thin films	Elsevier- ElectrochimicaActa	DOI; 10.1016/j.electacta.2020.136745	2020
49	SAMUEL BECKETT'S VISION OF LIFE: A STUDY OF HIS PLAY <i>ENDGAME</i>	RJELAL	ISSN:2395-2636(P):23 21-3108(E)	2018
50	ENGLISH LANGUAGE TEACHING IN ENGINEERING COLLEGES IN TAMIL NADU A PERSPECTIVE	RJELAL	ISSN:2395-2636(P):23 21-3108(E)	2018
51	Role of Technology in Teaching and learning English	Scholars World	2319-5789	2018
52	A Study on Nano Reinforced Hybrid glass and Jute Fibre Reinforced Composite as Replacement of ABS Material	Journal of Engineering Sciences	ISSN: 0377X9254	2020
53	A study of magnetic, antibacterial and antifungal behaviour of a novel gold anchor of polyaniline/itaconic acid/Fe ₃ O ₄ hybrid nanocomposite: Synthesis and characterization	Arabian Journal of Chemistry	https://doi.org/10.1016/j.arabjc.2019.12.002	2020
54	Dual Responsive (pH and Magnetic) Nanocomposites Based on Fe ₃ O ₄ @Polyaniline/Itaconic Acid: Synthesis, Characterization and Removal of Toxic Hexavalent Chromium from	Journal of Inorganic and Organometallic Polymers and Materials	https://doi.org/10.1007/s10904-020-01602-w	2020

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55	Image encryption based on non subsampled contourlet transform with differential evolution	International research journal of engineering and technology	e-ISSN : 2395-0056, Volume 6, Issue 5	2019
56	Pre Processing Methods for Runway Pictures taken in Poor Visibility Conditions using Single scale Retinex algorithm	International Journal of research in Engineering, science and Management	ISSN online 2581 - 5792, vol-2, issue - 2	2019
57	A method to enhance lifetime in data aggregation for multi-hop wireless sensor networks	AEU-International Journal of Electronics and Communications	https://doi.org/10.1016/j.aeue.2018.01.004	2018
58	A lifetime enhancement protocol in cluster-based wireless sensor networks with guaranteed delay	International Journal of Communication Systems	https://doi.org/10.1002/dac.3983	2019
59	"A Method to Enhance the Throughput of Cognitive Radio Network Using KullbackLeibler Divergence with Optimized Sensing Time (KLDOST)"	Wireless personal communications	https://doi.org/10.1007/s11277-019-06643-0	2019
60	Individual activation factor cluster adaptive algorithm for network echo cancellation	International journal of all research education and scientific methods	ISSN 2455-6211, Volume 8, Issue 6	2020
61	Femur Bone Volumetric Estimation for Osteoporosis Classification Using Optimization-Based Deep Belief Network in X-Ray Images	<i>The Computer Journal</i>	https://doi.org/10.1093/comjnl/bxz011	2019
62	Localization of Seizures in Epilepsy using Low Frequency Fluctuations	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8 Issue-4,	2019

	from Rs-fMRI		November 2019	
63	DEEP LEARNING CNN BASED AUTOMATIC DETECTION OF DIABETIC RETINOPATHY	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945	2020
64	A Modified Repetitive Control Strategy for Nonlinear systems	Chapter 13 Print ISBN: 978-93-89562-52-1, eBook ISBN: 978-93-89562-53-8	https://drive.google.com/file/d/1dUVOhThD8GGZqGrlw3R9pHV7dvjtYyv9/view?usp=sharing	2019
65	Hybrid Arrangement of Iterative Learning Control Hybrid Arrangement of Iterative Learning Control Strategy for Ball and Beam System	IETE Journal of Research	https://www.tandfonline.com/loi/tijr20	2020
66	Post Evaluation of Tumor Cells Using Fused Positron Emission Tomography CT Imaging	Journal of Computational and Theoretical Nanoscience Vol. 17, 1877–1879, 2020	doi:10.1166/jctn.2020.84581	2020
67	Robust Repetitive Control Strategy for Air Heating System in Tea Industry	Solid State Technology	Vol. 63 No. 6 (2020) ISSN 0038-111X	2020
68	Low Power Fin Field Effect Transistor Based Combinational Circuits Design Using Gate Diffusion Input Method	ITEE Journal	ISSN: - 2306-708X	VOL9 ISSUE 1 2/1/2020
69	Resilient DFS Architecture for Enabling Trust in IC Manufacturing and Testing	IJRESM	ISSN (Online): 2581-5792	Volume-2, Issue-2, February-

				2019
70	Low-Cost Real-Time Design and Implementation of Phasor Measurement Unit using Analog Discovery	microprocessor and microsystems	https://doi.org/10.1016/j.micpro.2020.103102	2020
71	OPTIMAL PLACEMENT OF PHASOR MEASUREMENT UNIT USING BINARY FROG LEAPING ALGORITHM	Journal of Critical Reviews	10.31838/jcr.07.19.1111	2020
72	An Unsharp Masking Algorithm Embedded With Bilateral Filter System for Enhancement of Aerial Photographs	International Journal of Recent Technology and Engineering	ISSN: 2277-3878, Volume-8 Issue-4	2019
73	IMPLEMENTATION OF VLSI BINARY 64 DIVISION WITH REDUNDANT NUMBER SYSTEM	International Journal of research in Engineering, science and Management	ISSN online 2581 - 5792, volume - 2, issue - 2	2019
74	Environmental protection of SS 304 from corrosion using ceria zirconium	Journal of Green Engineering		2020
75	Taguchi analysis of tool wear and delamination in milling of GFRP composite using coated K10 end mill	International journal on Progress in industrial ecology		2018
76	An experimental study to minimize the surface roughness in K10 End milling of natural fibers reinforced composites		ISSN: 0193-4120	2020
77	A study on nano reinforced hybrid glass and jute fibre reinforced composite as replacement of ABS material	Journal of Engineering sciences	ISSN: 0377-9254	2020
78	Effect of SiO ₂ nanospheres on mechanical, thermal and water absorption behaviours of luffa-coir / epoxy hybrid	Materials Research Express	DOI : http://doi.org/10.1088/2053-	2019

	composites		1591/ab5d6c	
79	Evaluating combustion, performance and emission characteristics of diesel engine using karanja oil methyl ester biodiesel blends enriched with HHO gas	International journal on Hydrogen energy	DOI: https://doi.org/10.1016/j.ijhydene.2018.02.036	2018
80	Effect of Tool pin profile on microstructure and hardness of magnesium alloy ZK60/SiCp surface composites fabricated by friction stir processing	Journal of testing and Evaluation	DOI: doi:10.1520/JTE20180322	2019
81	Influence of tool tilt angle on the formation of friction stir processing zone in cast magnesium alloy ZK60/SiCp surface composites	Metallogarphy, microstructures and analysis	DOI: https://doi.org/10.1007/s13632-018-0507-5	2019
82	Sliding wear characteristics of friction stir processed CAST ZK60 Magnesium alloy under different applied loads	Springer Trans Indian Inst Met	DOI: https://doi.org/10.1007/s12666-017-1257-9	2018
83	Effect of laser power on metallurgical, mechanical and tribological characteristics of hardened surfaces of nickel-based alloy	Springer Laser Manuf. Mater.process.	DOI: https://doi.org/10.1007/s40516-017-0045-z	2017
84	Effect of Rotating Arc technique on weld geometry of square butt and Vee groove joints	International welding society-Welding Research Institute (BHEL-WRI)	ICA029	2018