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Details of Research Publications

Sr. No.	Title of the paper	Name of Journal	Year of publication	ISSN number	DOI/Online link
1.	1, 5-Benzothiazepine Derivatives: Green Synthesis, In Silico and In Vitro Evaluation as Anticancer Agents	<i>Molecules</i>	2022	1420-3049	https://www.mdpi.com/1420-3049/27/12/3757
2.	Polyethylene glycol-400 Prompted An Efficient Synthesis of Thienyl Pyrazolo [1, 5-a] pyrimidines as Microbial Inhibitors	<i>Current Organic Synthesis</i>	2022	1875-6271	https://www.ingentaconnect.com/content/ben/cos/2022/0000019/00000006/art00003
3.	Microwave prompted solvent-free synthesis of new series of heterocyclic tagged 7-arylidene indanone hybrids and their computational, antifungal, antioxidant, and cytotoxicity study	<i>Bioorganic Chemistry</i>	2021	0045-2068	https://www.sciencedirect.com/science/article/abs/pii/S0045206821006362
4.	Synthesis, spectral analysis, antibacterial, antifungal, antioxidant, and hemolytic activity studies of some new 2, 5-disubstituted-1, 3, 4-oxadiazoles	<i>Journal of Molecular Structure</i>	2022	0022-2860	https://www.sciencedirect.com/science/article/abs/pii/S002228602102336X
5.	I2/HIO3 IN PEG-H2O: AN ELOQUENT SYSTEM FOR DIRECT IODINATION OF ACTIVATED ARENES	<i>Journal of Advanced Scientific Research</i>	2020	0976-9595	https://www.sciensage.info/index.php/JASR/article/view/485

6.	A mini-review: imidazolium compounds and their potent biological applications		2021	2572-8288	https://www.scopus.com/sour/ceid/21101043786
7.	Efficient synthesis, antibacterial, antifungal, antioxidant and cytotoxicity study of 2-(2-hydrazineyl) thiazole derivatives	<i>Chemistry Select</i>	2020	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201904609
8.	NaOH/PEG-400: An eloquent system for the synthesis of new thienyl benzo[b]1,4-diazepines	<i>European Journal of Chemistry</i>	2020	2153-2257	https://www.eurjchem.com/index.php/eurjchem/article/view/2009
9.	An Efficient Synthesis of 2-Cinnamoyl-Benzo[g] Indazoles using PEG-400as Green Reaction Solvent	<i>International journal of current research</i>	2020	0975-5241	https://journalcra.com/article/efficient-synthesis-2-cinnamoyl-benzo-g-indazoles-using-peg-400-green-reaction-solvent
10.	Microwave-assisted Eco-friendly synthesis of 1,5-Benzothiazepine Derivatives as potent antifungal agents via green approach	<i>International Journal of Research and Analytical Review</i>	2019	2348-1269	https://www.ijrar.org/?gclid=CjwKCAiAjPyfBhBMEiwAB2CCImvnfpIVz3EArtSKxu46eNQqUP7ZTbJlvoXuBf22ISzxy6MTPo142RoCqEQAvD_BwE
11.	Design and synthesis of 1,4-substituted 1H-1,2,3-triazole-quinazoline-4(3H)-one by Huisgen 1,3-dipolar cycloaddition with P13Ky isoform selective activity	<i>Bioorganic and Medicinal Chemistry Letters</i>	2018	0960-894X	https://www.sciencedirect.com/science/article/abs/pii/S0960894X18301252
12.	An efficient one-pot three-component synthesis of 3-(4-(4-chlorophenyl) thiazol-2-yl)- (aryl)-thiazolidine-4-one derivatives using polyethylene glycol (PEG-400) as a green recyclable solvent and their biological evaluation	<i>Australian Journal Basic and Applied Science</i>	2014	2309-8414	http://www.ajbasweb.com/

13.	Poly (ethylene glycol) (PEG-400): A Green approach towards the synthesis of novel Pyrazolo [3, 4-d] pyrimidine-6-amines derivatives and their Antimicrobial Screening	<i>Archives of Applied Sciences</i>	2014	0975-508X	https://www.scholarsresearchlibrary.com/journals/archives-of-applied-science-research/
14.	One-pot synthesis of poly hydro quinoline derivative as an antimicrobial agent	<i>World journal of pharmaceutical research</i>	2014	2277-7105	https://www.wjpr.net/
15.	Green approach towards the synthesis of substituted pyrazole-1, 4-dihydro, 9-ox, 1, 2, 6, 8-tetrazacyclopentano [b] naphthalene-5-one derivatives as antimycobacterial agent	<i>Medicinal Chemistry Research</i>	2013	1054-2523	https://link.springer.com/journal/44/volumes-and-issues/22-11
16.	An eco-friendly synthesis and DNA binding interaction study of some pyrazole [1,5-a] pyrimidines derivatives	<i>Bioorganic and Medicinal Chemistry Letters</i>	2012	0960-894X	https://www.sciencedirect.com/journal/bioorganic-and-medicinal-chemistry-letters/vol/22/issue/24
17.	An efficient and rapid synthesis of some novel 1,3-diaryl, diazenyl, 2-propane-1-one using PEG-400 as a recyclable solvent and they're in vitro antimicrobial evaluation	<i>Orbital Electronic Journal of Chemistry</i>	2012	1984-6428	https://periodicos.ufms.br/index.php/orbital
18.	Novel thiazole-pyrazolyl derivatives as xanthine oxidase inhibitors and free radical scavengers	<i>International Journal of Macromolecules</i>	2012	0141-8130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules/vol/50/issue/4
19.	Synthesis and Invitro Antimicrobial Screening of some new Substituted benzidine-3- (4,5-diphenyl-1H-imidazol-2-yl)-6-methyl-quinoline,(2011), Archives of Applied Science Research	<i>Archives of Applied Science Research</i>	2011	0975-508X	https://www.scholarsresearchlibrary.com/journals/archives-of-applied-science-research/
20.	An efficient green synthesis of some novel hetero chalcones as potent antimicrobial agents	<i>Journal of Pharmacy Research</i>	2011	0974-6943	https://www.sciencedirect.com/journal/journal-of-pharmacy-research

21.	Clean and Green Approach for N-formylation of Amines using Formic acid under neat reaction condition	<i>Applied Science Research</i>	2011	0973-3469	https://www.scholarsresearchlibrary.com/journals/archives-of-applied-science-research/
22.	One-pot multicomponent synthesis and antimicrobial evaluation of some novel pyrano- [2,3-c]- pyrazole derivatives	<i>Der Pharma Chemica</i>	2011	0975-413X	https://www.derpharmachemica.com/
23.	PEG-400: prompted eco-friendly synthesis of some novel pyrazolo[1,5-a] pyrimidine derivatives and their invitro antimicrobial evaluation	<i>J. Chem. Pharm. Res</i>	2011	0975-7384	https://www.jocpr.com/
24.	Bleaching Earth Catalysed Synthesis of Bis (Indolyl) Methane's Derivatives in(Polyethylene Glycol) PEG-400	<i>Research Journal of Science and Technology</i>	2011	2249-2988	https://rjstonline.com/
25.	Three component one-pot synthesis of 2-{1-[4-aryl-thiazol-2-ylimino] ethyl}-phenol in polyethylene glycol (PEG-400) as a green medium	<i>Green Chemistry Letters and Reviews</i>	2010	1751-7192	https://www.tandfonline.com/journals/tgcl20
26.	Synthesis and Biological evaluation of 2-(2-butyl-4-chloro-1H-imidazole-5-yl-methylene)- substituted-benzofuran-3ones	<i>Organic Communications</i>	2010	1307-6175	https://www.oalib.com/journal/6071/1
27.	An efficient one-pot synthesis of substituted pyrazolo [3,4 b:4',3'e]pyridine derivatives via the Hantzsch three-component condensation using bleaching earth catalyst and their invitro Antimicrobial evaluation	<i>International Journal of ChemTech Research</i>	2010	2455-9555	https://www.sphinxesai.com/c/hemtech.php
28.	Design, synthesis of some new pyrazolo [3, 4-c] pyrazolthiazolone and evaluation of their antimicrobial activity	<i>Der Pharmacia Sinica</i>	2010	0975-413X	https://www.imedpub.com/archive/ipdps-volume-1-issue-3-year-2010.html
29.	Synthesis of some novel substituted pyrazole-based chalcones and their in vitro antimicrobial activity	<i>Asian J. Res. Chemistry</i>	2010	0974-4150	https://ajrconline.org/search.aspx?key=Santosh%20S%20Chobe

30.	An efficient synthesis and in vitro antimicrobial activity of 1, 2, 4-Triazin-6-(5H)-one derivative	<i>Der Chemica Sinica</i>	2010	0976-8505	https://www.imedpub.com/archive/ipdps-volume-1-issue-3-year-2010.html
31.	Synthesis and in vitro antimicrobial activity of some new 1-thiazolyl-2-pyrazoline derivatives	<i>Int. J. Pharm. Sci. Rev. and Res</i>	2010	0975-8232	https://www.globalresearchonline.net/
32.	One-pot multicomponent synthesis and antibacterial evaluation of some novel acridine derivatives	<i>Der Pharma Chemica</i>	2010	0975-413X	https://www.derpharmachemica.com/