

Name of Faculty: Dr. Asghar Jafar Khan

Department: Chemistry

PUBLICATIONS

I. Research Papers Published in the Peer-reviewed International / National Journals notified on UGC website

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISBN / ISSN number	Link of the recognition in UGC enlistment of the Journal	Impact factor
1.	Regression Studies of Binary Complexes of bipyridyl with transition metal ions	Shaikh Abdul Rahim, Khan A. J & Farooqui Mazhar	Research Journey of Chemistry and Environment. Vol. 24(2) Feb (2020).	2020			
2.	Regression Studies of Binary Complexes of Mandelic acid, Research Journey “	Shaikh Abdul Rahim, Asgar jafar Khan & Mazhar Farooqui,	International Multidisciplinary E- research Journal.Special Issue –199,	2019	ISSN: 2348-7143,		
3.	Synthesis Of 1, 5-Benzodiazepine Derivatives Via Three Component	Asghar Jafar khan , Shaikh Abdul	International Journal Of	2019	ISSN: 2456-		

	Condensation Under Mild Conditions,	Rahim , S V Thakur , Kendre M M and Mohammad Abdul Baseer,	Research Culture Society, Volume - 3, Issue – 6(A), June – 2019.		6683		
4.	Potentiometric Study of Complexation of labetalol with Transation Metal Ion in Ethanol Water Media	Ramesh Ware, Shoeb Peerzade, K. Koinkar, Asghar Jafar Khan and S V Thakur,	International Journal of Advance and Innovative Research, 2019, Vol-6, Issue 1 (XIV),P-203-206.	2019	ISSN: 2394-7780,		
5.	“Microwave Assisted Phase Transfer Catalysis: An efficient solvent free method for the Synthesis of Benzothiazepines	Asghar Jafar Khan and Mohammad A Baseer,	International Journal of Chemical and Physical Sciences , 2018, Vol-7., P-6-10.	2018			
6.	“ Mixed ligand complexes of Zinc metal ion with antibacterial drug isoniazid and some amino acids in aqueous solution”	S V Thakur, S A Peerzade, A J Khan and Ware R L,	International Research Journal -Interdisciplinary Multilingual Refereed Journal-Special Issue.	2018	ISSN: 2394 5303,		
7.	An efficient synthesis of Benzodiazepine derivatives under environmentally benign conditions.	Asghar Jafar Khan , S V Thakur, M A Baseer and Mohammad Zameer Ahmad,	International Research Journal -Interdisciplinary Multilingual Refereed Journal-Special Issue.	2018	ISSN: 2394 5303		

			page 82-85				
8.	“Assessment of Water Quality from Five Different Reservoirs (Dams) of Marathwada (Maharashtra State) India”,	Shoeb Peerzade, A. J. Khan , R. L. Ware, Syed Abed ,	Journal Of Advances In Applied Sciences & Technology, 2017, Vol.2 (2-4), Page 1-5,2017	2017	(online) ISSN:23 93-8188 (print) 2393- 8196		
9.	“Sustainable efficient synthesis and antimicrobial studies of dibenzo (b, e) (1,4) diazepine derivatives based on Cu-bronze catalyst,	Mohammad A Baseer and Asghar Jafar Khan	Organic Chemistry an India Journal, 2015,vol.11, Issue 2, Page 50-54.	2015	ISS N: 0974 - 7516		
10.	“P ^H metric Studies on Complexation of 3,5 dinitro Salicylic acid with Transition metal ion”,	Shaikh A. R, Syed Hussain and Asghar Jafar Khan,	Souvenir of national conference on “Emerging Trends and Challenges in Chemical Science”,	2015	ISBN No. 978- 93- 84451- 40-0.		
11.	“Microbial Evaluation of non Steril Pharma commonly used in Aurangabad Market”	N.N Quadri, Asghar Jafar Khan and Shaikh. A R	Souvenir of national conference on “Emerging Trends and Challenges in Chemical Science”	2015	ISBN No. 978- 93- 84451- 40-0.		
12.	“Synthesis ofPiperazin	Shah N N	Journal of	2015	ISSN:		

	derivatives and their antimicrobial studies”	Mohammad A Baseer and Asghar Jafar Khan	Medicinal Chemistry and Drug Discovery [JMCDD], 2015, Special Issue, P-209-217,		2347-9027.		
13.	“Copper-bronze Catalyst: An Efficient Green Approaches for synthesis of 1, 4- dizepines”	Mohammad A Baseer and Asghar Jafar Khan,	Chemical Science Transactions, 2015, 4(1), P-194-198.	2015			
14.	“Microbiological Study of brands of Technology Multivitamin syrup marketed in Aurangabad (M. S.) INDIA”	N. N. Quadri, A. J. Khan, S. A. Peerzade,	Journal of Advances in Applied Sciences & Technology, 2014, Vol. 1(1), Page 1-3,	2014	ISSN: 2393-8188 (print), 2393-8196 (online).		
15.	“Analysis of Pathogens in Nonsterile Pharmaceutical Drugs”	Quadri Naveed, Seema Hashmi, Asif Iqbal and Asghar Jafar Khan	Indian J of Pharmaceutical Science and Research, 2014, 4(1), P-1-3,	2014	ISSN: 2248-9118 (print), 2248-9126 (online).		
16.	“Aluminum Nitrate- Catalyzed Multicomponent, one pot synthesis of 1, 5-	Asghar Jafar Khan, Mohammad Z. A and M. A.	International J of Chemical Studies, 2014,	2014	ISSN: 23214902.		

	benzothiazepines under mild condition”	Baseer,	1(4), P-153-156,				
17.	“A Catalyst Free Synthesis andBis- Schiff Bases”	M.Z. Ahmad, Shaikh K.A, Asgar J Khan , A.A. Khan, F. Khan and Shaikh Khalid	Chemical Science Transaction, 2013, 2(4), P- 1443-1449,	2013	ISSN: 2278-3458 (print), 2278-3318 (online).		
18.	“An Efficient One-Pot Synthesis of 1, 5-Benzodiazepine derivatives Catalyzed by TBAB under Mild Conditions”	Mohammad A Baseer and Asgar Jafar Khan ,	E-Journal of Chemistry 2012, 9(1), P- 407-414,	2012	ISSN: 0973-4945.		
19.	“A convenient one-pot synthesis of Series of 1, 5-Benzodiazepine Derivatives under solvent free condition”	Mohammad A Baseer and Asgar Jafar Khan ,	J. Chem. & Chem. Sci., 2011, Vol.1 (2), P- 97 - 101.	2011			
20.	“Lanthanum nitrate- catalyzed synthesis of 2, 3-dihydro-1, 5-benzothiazepines”	Mohammad A Baseer and Asgar Jafar Khan ,	Oriental Journal of Chemistry, 2011, Vol.27 (4), P-1759 – 1762,	2011	ISSN: 0970-020X.		
21.	“Synthesis and Experimental studies of antimicrobial potential of some novel 1, 5.....”	Asgar Jafar Khan , Mohammad A. Baseer, Dhole J. M and S. Shah N	Int.J.Pharm.Sci. and Res., 2011, Vol. 2(10), P- 2619 -2622.	2011	ISSN: 0975-8232		

22.	“ZOC-Catalyzed an efficient synthesis of 1, 5-Benzodiazepines under mild conditions”	Mohammad A Baseer and Asgar Jafar Khan,	Der Chemica Sinica, 2011, 2(2), P- 84 - 87,	2011	ISSN: 0976-8505.		
23.	“ Citric Acid-Catalyzed Solvent Free, an efficient one-pot synthesis of 2, 3-dihydro-1H-1, 5-Benzodiazepine derivatives	Mohammad A Baseer and Asgar Jafar Khan,	” Recent Research in Science and Technology, 2011, 3(3), P- 101-103,	2011	ISSN: 2076-5061.		
24.	“Microwave assisted phase transfer catalysis: an efficient solvent free method for....”	V K Gumaste, Asgar J khan, B M Bhawal & A R A S Deshmukh.	Indian Journal of Chemistry Feb-2004, Vol.43B, PP- 420-422.	2004			

II. Research Papers Published / Presented in International / National Conference Proceedings

Sr. No.	Title of the Paper Presented	Title of Conference / Seminar	ISBN / ISSN number of the proceeding	Organized by	Month / Year
01	Studies of complexation of transition metal ions with Benazepril drug in aqueous media: Thermodynamic aspect	National Seminar on “Multi-disciplinary approach in research.”		ACTRA & Dr. Rafiq Zakaria College for women, Aurangabad.	09 Feb. 2020
02	Thermodynamic Studies ofSchiff Base in Water Media	National Conference on Innovative Ideas in Chemical Sciences and Environmental Science for Sustainable Development-2020		H. J. Thim College, Jalgaon	21/01/2020
03	A simple and an efficient synthesis of 2- aryl Benzimidazole Derivatives under mild conditions	National Conference on Advances in Chemical Sciences”		Yeshwant College, Nanded	31/08/2019
04	“Synthesis of 1, 5 Benzodiazepine Derivatives Via Three Component Condensation Under Mild Conditions”	IC On “Emerging Trends in Microbiological Sciences & IPR”		Milliya College, Beed	7/02/2019
05	“Green protocol for the synthesis of 1, 5 Benzothiazepine Derivatives”	IC On “Exploring New Horizons in Chemical Sciences”		Deogiri College, Aurangabad	10-12-Jan 2019

06	Microwave Assisted Phase Transfer Catalysis: An efficient synthesis of	State Level Conference On“Recent trends in chemical sciences”.		Annasaheb waghire Arts science and commerce college, Otur, Dist. Pune.	7- 8-Feb 2018
07	Mixed Ligand complexes of Zinc metal ion with antibacterial drugs isoniazid and some amino acids in aqueous solution.	National Conference On “Frontiers In Chemical Sciences “		Shri Vyankatesh Arts, commerce &Science College Deulgaon Raja Dist. Buldana	23 rd Dec. 2017
08	An efficient synthesis of benzodiazepine derivatives under environmentally benign conditions.	National Conference On “Frontiers In Chemical Sciences “		Shri Vyankatesh Arts, commerce &Science College Deulgaon Raja Dist. Buldana	23 rd Dec. 2017
09	Microwave assisted Phase Transfer Catalysis:synthesis of 1, 5 Benzothiazepines.....	National Conference – [Newest Development in chemical Sciences for Civilized Society].		Department of Chemistry, Dnyanopasak College, Parbhani, [M.S].India	09-10 December - 2016.
10	“Sufism Past Present and Future”	National Conference On “Impact of Sufism and Bhakti Movement.”		Milliya College, Beed	30-31-August 2016
11	Complexation Behaviour Of Antibacterial Drug Ceftriaxone With AA Towards Cu.	National Conference – [Emerging Trends and Challenges In Synthetic and Nano chemistry]		Department of Chemistry, Rajarshi Shau Mahavidyalaya,	11-12 March - 2016.

				Latur- 413512,	
12	Green Approach For The Synthesis Of Benzothiazepine Derivatives.	National Conference – [Recent Challenges in Advanced Material and green Chemistry]		Dr. B A M University, Sub Campus, Osmanabad-413501,[M. S]	28-29 December, 2015.
	“P ^H metric Studies on Complexation of 3,5 dinitro Salicylic acid with Transition metal ion”	National Seminar-[Emerging Trends and Challenges in Chemical Sciences]	ISBN No. 978-93-84451-40-0.	Dept. of Chemistry, Arts, Comm. and Science College, Dharur, Dist Beed	23-24 Jan 2015
13	Microbial evaluation Of Non Steril Pharma Commonly Used In Aurangabd Market	National Seminar-[Emerging Trends and Challenges in Chemical Sciences]	ISBN No. 978-93-84451-40-0.	Dept. of Chemistry, Arts, Comm. and Science College, Dharur, Dist Beed	23-24 Jan 2015
14	Synthesis OfPiperazin Derivatives And Their Antimicrobial Studies	National Annual Convention ACTRA, Aurangabad.		M A Research Centre,A' Bad	18 Jan 2015
15	Comparative Analysis OfADP Doped Maleic Acid Crystal	National Conference – [Material Science And Technology]		Milliya College, Beed	23-24 Dec 2014

16	Multi Component, One Pot Synthesis Of 1,5-Benzothiazepine Derivatives Under Mild Condition	National Conference – [Recent Trends in Chemistry Education]		Sir Syed College, Aurangabad	13- 14 Dec 2013
17	Multi Component One Pot Synthesis OfUnder Benign Condition	National SEMINAR - [Redefining the Role of Chemistry]		KSK College, Beed	27- 28 Sep 2013
18	Analysis Of Pathogens In Nonsterile Pharmaceutical Drugs.....	on [Role of Chemistry in Eco-Friendly Organic Synthesis]		SBES College, Aurangabad	19- 20 Sep 2013
19	A Catalyst Free SynthesisOf Bis-Schiff Bases	National Conference On [Green Chemistry as an environmentally Benign Chemistry]		RPM College, Osmanabad [M.S]	31 Aug 2013
20	Green Protocols For The Synthesis Of Bioactive Benzothiazepine- 2,4-C3-Cyclo Propyl, 5h)- Diols	National SEMINAR - [Green Approach in Applied Science]		Dada Patil College, Karjat Dist. AhmadNagar.	14-15, March 2013
21	TBAB Catalyzed Synthesis Of 1, 5- Benzodiazepines	National Conference – Currents Trends In Chemical Research		Vasant Rao Naik College, Aurangabad	30-31, AUG 2012
22	Green Protocols for the Synthesis Of Hydrazones	National Conference – [Exploring New Horizons in Chemical		Sawarkar College, Beed	29-30, DEC 2011

		Sciences]			
23	ZOC- Catalyzed Synthesis Of.....	International Conference[Chemistry for Mankind Innovative Ideas in Life Sciences]		Nagpur University, Nagpur	9-11, FEB 2011
24	Synthesis Of Optically Active 1, 5-Benzothiazepines	National Conference “Research in Chemical Sciences”		Milliya College, Beed	1-2 FEB 2011
25	Synthesis Of Bio Active Benzodiazepines Under Environmentally Benign Condition	National Conference – [Recent Trends In environmental Toxicology]		Milliya College, Beed	4-5,AUG 2010
26	Synthesis And Antimicrobial Screening Of 1, 5-Benzothiazepine And	National Conferenc “Chemo informatics and Drug Discovery”		Poona College, Pune	Feb.20-2010
27	Synthesis Of New 1, 5-Benzodiazepine Derivatives Using.....	International Conference - [Drug Discovery & Nanotechnology]		Yeshwant College, Nanded	27-29,JAN 2008
28	Synthesis Of Bio Active Heterocyclic Compound	International Conference - [Building Bridges, Forging Bonds for 21st Century, Organic Chemistry and Chem Biology]		NCL, Pune	6-9,JAN 2006