

20 MOST SIGNIFICANT RESEARCH ARTICLES

S. No.	Reference	Country
**	New Cholinesterase-Inhibiting Steroidal Alkaloids from <i>Sarcococca saligna</i> , Atta-ur-Rahman , Zaheer-ul-Haq, F. Feroz, A. Khalid, S. A. Nawaz, M. R. Khan and M. I. Choudhary, <i>Helv. Chim. Acta</i> , 87 , 439-448 (2004).	Switzerland
**	New α -Glucosidase Inhibitors from a Mongolian Medicinal Plant <i>Ferula mongolica</i> , Atta-ur-Rahman , M.I. Choudhary, I. Baig, N. Alam, S. Hassan, P. Onduognii, M. Bunderya and Z. Oyun, <i>Helv. Chim. Acta</i> , 84 , 2409-2416 (2001).	Switzerland
**	Antifungal Diterpenoid Alkaloids from <i>Delphinium denudatum</i> , Atta-ur-Rahman , A. Nasreen, F. Akhtar, M.S. Shekhani, J. Clardy, M. Parvez and M.I. Choudhary, <i>J. Nat. Prod.</i> , 60 , 472 (1997).	USA
**	Antibacterial Steroidal Alkaloids from <i>Sarcococca saligna</i> , Atta-ur-Rahman , S. Anjum, A. Farooq, M.R. Khan, Z. Perveen and M.I. Choudhary, <i>J. Nat. Prod.</i> , 61 , 202 (1998).	USA
**	Leurosinone - A New Binary Indole Alkaloid from <i>Catharanthus roseus</i> , Atta-ur-Rahman , M. Alam, I. Ali, Habib-ur-Rehman and I. Haq, <i>J. Chem. Soc., Perkin Trans. I</i> , (8), 2175 (1988).	UK
**	Rhazizine, A Novel Alkaloid from the Leaves of <i>Rhazya stricta</i> , Atta-ur-Rahman , T. Fatima and S. Khanum, <i>Tetrahedron</i> , 45 (11), 3507 (1989).	UK
**	Zoanthaminone, a new triterpenoidal alkaloid from a marine Zoanthid, Atta-ur-Rahman , K.A. Alvi, S.A. Abbas, M.I. Choudhary and J. Clardy, <i>Tetrahedron Lett.</i> 30 , 6825 (1989).	UK
**	Karachine - An Unusual Protoberberine Alkaloid, G. Blasko, N. Murugesan, A.J. Freyer, M. Shamma, A.A. Ansari and Atta-ur-Rahman , <i>J. Am. Chem. Soc.</i> , 104 (7), 2039 (1982).	USA
**	The CD <i>In situ</i> Complexation Method as a Tool for the Determination of Absolute Configurations of Cottonogenic Derivatives, H. Ahmad, G. Snatzke and Atta-ur-Rahman , <i>J. Am. Chem. Soc.</i> , 115 , 12533 (1993).	USA
**	Study of Conformationally Constrained Peptide Metal Complexes by Circular Dichroism, H. Ahmed and Atta-ur-Rahman , <i>Nat. Prod. Lett.</i> , 13 (2), 131 (1999).	Switzerland
**	Five New Steroidal Alkaloids from <i>Buxus papillosa</i> , Some Relationships Between Structures and Specific Rotations, M. I. Choudhary, Atta-ur-Rahman , A. J. Freyer and M. Shamma, <i>Tetrahedron</i> , 42 (20),5747 (1986).	UK
**	Partial Synthesis of $\Delta^{15,20}$ -anhydrovinblastine, Atta-ur-Rahman , <i>Pak. J. Sci. Ind. Res.</i> , 14 (6), 487 (1971); <i>Chem. Abs.</i> , 77 , 62204t (1972).	Pakistan
**	Methods for the Syntheses of Vinblastine, 20-Epivinblastine (Vinrosidine), 15-Hydroxy-20-Deoxyvinblastine, Vincristine and other Novel Intermediates, Atta-ur-Rahman , Pakistan Patent No. 126852, dated 14-2-1978.	Pakistan
**	A Remarkable Oxidative Fragmentation of 16-epi-19S-Vindoline, Atta-ur-Rahman and M. Bashir, <i>Heterocycles</i> , 20 (1), 59 (1983).	Japan
**	Reactions of Harmaline (4-9-dihydro-7-methoxy-1-methyl-3H- pyrido-[3,4-b] indole) and Its derivatives, Part II, Reinvestigation of Acetylharmaline, Atta-ur-Rahman , <i>J. Chem. Soc., Perkin Trans. I.</i> , 736 (1972); <i>Chem. Abs.</i> , 76 , 127218b (1972).	UK

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	** Reactions of Harmaline (4,9-dihydro-7-methoxy-1- methyl-3H-pyrido-[3,4-b] indole) and Its Derivatives, Part I, Reactions of Harmaline with Methylacrylate, Atta-ur-Rahman , <i>J. Chem. Soc., Perkin Trans. I</i> (5), 731 (1972); <i>Chem. Abs.</i> , 76 , 127211u (1972).	UK
	** "Stereoselective Synthesis in Organic Chemistry", Atta-ur-Rahman and Z. Shah, Springer-Verlag , New York (1993).	USA
	** "One and Two Dimensional Nuclear Magnetic Resonance Spectroscopy", Atta-ur-Rahman, Elsevier Science Publishers , Amsterdam (1989).	The Netherlands
	** "Solving Problems with Nuclear Magnetic Resonance Spectroscopy" Atta-ur-Rahman and M.I. Choudhary, Academic Press , New York (1996).	USA
	** "Nuclear Magnetic Resonance", Atta-ur-Rahman, Springer-Verlag , New York (1986). [Japanese Translation by Prof. Motoo Tori and Prof. Hiroshi Hirota published by Springer-Verlag , Tokyo (1988)].	USA
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	* Total Synthesis of N _a -Methylsecodine, Atta-ur-Rahman , M. Sultana, I. Hassan and N. Hassan, <i>J. Chem. Soc., Perkin Trans. I</i> (9), 2093 (1983).	UK
	* New Natural Dibenzocycloheptylamine Alkaloids- A Possible Catabolic Route for the Colchicine Alkaloids, M.H. Abu Zarga, S.S. Sabri, T.H. Al-Tel, Atta-ur-Rahman , Z. Shah and M. Feroz, <i>J. Nat. Prod.</i> , 54 (4), 936 (1991).	USA
	* Macroxine - A Novel Oxindole Alkaloid from <i>Alstonia macrophylla</i> , Atta-ur-Rahman , F. Nighat, A. Nelofar, K. Zaman, M.I. Choudhary and K.T.D Silva, <i>Tetrahedron</i> , 47 (18/19), 3129 (1991).	UK
	* New Cholinesterase Inhibiting Bisbenzisoquinoline Alkaloids from <i>Cocculus pendulus</i> , Atta-ur-Rahman , Atia-Tul-Wahab, S. A. Nawaz and M. I. Choudhary, <i>Chem. Pharm. Bull.</i> , 52 (7), 802-806 (2004).	Japan
	* Buxapapilinine - A Novel Alkaloid from the Leaves of <i>Buxus papillosa</i> , Atta-ur-Rahman , Z. Iqbal, M. I. Choudhary and T. Fatima, <i>Heterocycles</i> , 31 (3), 493 (1990).	Japan
	* Five New Withanolides from <i>Withania coagulans</i> , Atta-ur-Rahman , m. Yousaf, W. Gul, S. Qureshi, M.I. Choudhary, W. Voelter, A. Hoff, F. Jens and A. Naz, <i>Heterocycles</i> , 48 (9), 1801 (1998).	Japan
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	* Dimeric Tropane Alkaloids from <i>Erythroxylum moonii</i> , Atta-ur-Rahman , K.F. Khattak, F. Nighat, M. Shabbir, K.D. Hemalal and L.M. Tillekeratne, <i>Phytochemistry</i> , 48 (2), 377 (1998).	UK
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