

LIST OF PUBLICATIONS

PROF. DR. ABDUL MALIK

Impact factor till February 2006 = 230

1. Structural determination of silymins A and B, new pentacyclic triterpenes from *Silybum marianum* by 1D and 2D NMR spectroscopy, E. Ahmed, Atia-tun-Noor, A. Malik, S. Ferheen and N. Afza, *Mag. Res. Chem.* (submitted).
2. Antioxidant Flavonoids from *Abutilon pakistanicum*, Munawar Hussain, Zaheer Ahmed, Durey Nayab Zahra, Abdul Malik, Asma Ejaz, Hina Siddiqui and Muhammad Iqbal Choudhary, (*Chem. Pharm. Bull.* (submitted)).
3. Elaeagnoside, chymotrypsin inhibiting steroidal glucoside from *Elaeagnus orientalis*, M. Ayaz, A. Malik, E. Ahmad, Azhar-ul-Haq, M. Arif Lodhi and M. Iqbal Choudhary, *Nat. Prod. Res.* (submitted).
4. Crispines A and B, chymotrypsin inhibiting glycosphingolipids from *Buddleja crispa*, I. Ahmad, I. Anis, I. Fatma, A. Malik, R.B. Tareen, M. Arif Lodhi, M. R. Shah and M. I. Choudhary, *Helv. Chim. Acta.* (submitted).
5. Recurvosides A and B, chymotrypsin inhibiting steroidal glucosides from *Haloxylon recurvum*, A. Sharif, Ejaz Ahmed, Abdul Malik, Arif Lodhi M. Iqbal Choudhary, *Z. Naturforsch* (submitted).
6. Iridoid glucoside and aryl ester from *Buddleja crispa*, Ijaz Ahmad, A. Malik, N. Afza, I. Fatima and R. B. Tareen, *Chem. Pharm. Bull.* (submitted).
7. Enzyme inhibition studies of oxindole alkaloids from *Isatis costata*, I Atima, Zaheer Paper S.A. Nawaz, Izaz Ahmad, A. Malik, N. Afza, G. Lutfullah and M.I. Choudhary, *Chem. Pharm. Bull.* (submitted).
8. Biologically potent new oeganotin (iv) complexes of N-maleoyltranexamic acid, M. I. Khan, M. K. Baloch, M. Ashfaq and A. Malik, *Bull. Chem. Soc. Japan* (in press).
9. Anutussive activity and toxicological studies of *Vitex negundo* Linn. Extract in mice, Rizwan-ul-Haq, Azhar-ul-Haq, M. Raza, Abdul Malik. (in press).
10. Antioxidant flavonoids from *Aerva persica*, E. Ahmed, M. Imran, A. Malik and M. Ashraf, *Arch. Pharm. Res.* (in press).
11. Butyrylcholinesterase inhibiting triterpenes from *Salvia santinifolia*, S. Mehmood, N. Riaz, S. Nawaz, N. Afza, A. Malik and M. I. Choudhary, *Arch. Pharm. Res.* (in press).
12. Hyperinols A and B, potent chymotrypsin inhibitory triterpenes from *Hypericum oblongifolium*, S. Ferheen, E. Ahmad, A. Malik, N. Afza, A. Lodhi and M. I Choudhary, *Chem. Pharm. Bull.* (in press).
13. Structure determination of uresene type triterpene by NMR techniques, Z. Ahmed, D, Ali and Abdul Malik, *Mag. Res. Chem* (in press).
14. Phytochemical studies on *Abutilon karachianum*, D. N. Zehra, Z. Ahmad and A. Malik, *J. Chem. Soc. Pak.* (in press).
15. Enzyme inhibition studies of the lignans from *Vitex negundo* Linn. M. A. Lodhi, Azhar ul-Haq, M. Iqbal Choudhary and A. Malik *J. Enzyme Inhibition & Med. Chem.* (in press).
16. Phytochemical investigations of *Indigofera oblongifolia*, A. Sharif, E. Ahmad, A. Malik, N. Afza, N. Riaz and M. Arfan Yawar, *J. Chem. Soc. Pak* (in press).
17. Halosterols A and B, chymotrypsin inhibitory sterols from *Haloxylon recurvum*, S. Hussain, E. ahmad, A. Malik, A. Jabbar, M. Ashraf, M. A. Lodhi and M. Iqbal Choudhary, *Chem. Pharm Bull.* (in press).
18. Comparative study of synthetic methods for the synthesis of 1,2-benzothiazone carboxamide class of duegs, W.A. Siddique, S. Ahmad, Islamullah and Abdul Malik, *J. Chem. Soc. Pak* (in press).
19. Enzyme inhibiting phenolic constituents from *Pervoska atriplicifolia*, S. Perveen, S. B. Khan, A. Malik, R. B. Tareen, S. A. Nawaz, and M. Iqbal Choudhary, *Nat. Prod. Res.* (in press).
20. Xanthine oxidase inhibiting flavonol glycoside from *Amberboa ramose*, S. B. Khan, N. Afza, A. Malik, Azhar-ul-Haq, S. Perveen, A. Ejaz and M. I. Choudhary, *Nat. Prod. Res.* (in press).
21. Chymotrypsin inhibitory constituents from *Haloxylon recurvum*, E. Ahmad, A. Malik, N. Riaz, I. Anis, *Nat. Prod. Res.* (in press).
22. Cucurbitacin glucosides from *Citrullus colocynthis*, D. Nayab, D. Ali, N. Arshad, A. Malik, M. I. Choudhary and Z. Ahmed, *Nat. Prod. Res* (in press).

23. Tyrosinase inhibiting lignans from the methanolic extract of the roots of *Vitex negundo* and their structure activity relationship, Azhar-ul-Haq, A. Malik, S. B. Khan, Tariq M. H Khan, M. I. Choudhary, *Phytomedicine*, 13 255 (2006).
24. Chymotrypsin inhibitory triterpenoids from *Silybeum marianum* E. Ahmed, A. Malik, N. Afza, Azahr-ul-Haq, M.A. Lodhi and M. Iqbal Choudhary, *Chem. Pharm. Bull.* 54, 103 (2006).
25. Recursterols A and B, chymotrypsin inhibitory sterols from *Haloxylon recurvum*, S. Hussain, E. Ahmad A. Malik, A. Jabbar, M. Ashraf, M. A. Lodhi and M. I. Choudhary, *Pol. J. Chem.* 80, 409-415 (2006).
26. Coumaroyl adenosine and lignan glycoside from *Amaranthus Spinosus* L. Azhar-ul-Haq, Abdul Malik, Nighat Afza, Sher Bahadar Khan, and Pir Muhammad, *Pol. J. Chem.* 80, 259 (2006).
27. Haloxysterols A-D, potent cholinesterase inhibiting sterols from *Haloxylon recurvum*, E. Ahmad, S.A. Nawaz and M. I. Choudhary, *Bioorg. & Med. Chem. Lett.* 573-580 (2006).
28. Physicochemical and biochemical studies of organotin (iv) complexes of 2-[3-chloroanilino carbonyl]] benzoic acid containing peptide linkage" Saira Shahzadi, Khadija Shahid, Saqib Ali, Abdul Malik, Ejaz Ahmed, Usaira Rafique, Erum Wahab, and Sabah Nawaz, *J. Chem. Soc. of Pak.* 27, 555 (2005).
29. Synthesis spectroscopic studies and antileishmanial, antibacterial, antigungal, cytotoxicity and insecticidal activities of organotin (iv) derivatives of (E)-4-oxo-4-(2,4,6-trichloroanilino)-2-butenic acid, Saira Shahzadi, Khadija Shahid, Saqib Ali, Abdul Malik and Ejaz Ahmed, *J. Chem. Soc. of Pak.* 27, 541 (2005).
30. Phytochemical investigations on *Hypericum oblongifolium*, S. Farheen, E. Ahmad, N. Afza and A. Malik, *J. Chem. Soc. Pak.* 27, 533 (2005).
31. Phytochemical studies on *Heliotropium subulatum*, S. Perveen, S. B. Khan, Nighat Afza and A. Malik, *J. Chem. Soc. Pak.* 27, 538 (2005).
32. Phytochemical studies on *Amberboa ramosa*, S. Bahadar, S. Perveen, N. Afza and A. Malik, *J. Chem. Soc. Pak.* 27, 437 (2005).
33. Phytochemical studies on *Indigofera hetrantha*, A. Rahman, A. Malik, S. Mehmood and E. Jahan *J. Chem. Soc. Pak.* 27, 440 (2005).
34. Lipoxygenase inhibiting steroidal glycosides and naphthene derivatives from *Haloxylon salicornicum*, S. Farheen, E. Ahmad, N. Afza, A. Malik, S.A. Nawaz and M.I. Choudhary, *Pol.J.Chem* 79, 1469-1476 (2005).
35. Phytochemical studies on *Haloxylon salicornicum*, S. Farheen, E. Ahmed, N. Afza and A. Malik, *J. Chem. Soc. Pak.* 27, 219 (2005).
36. Chemical constituents from *Abutilon* species, D. Nayab, Munawwar Hasain, Z. Ahmed, and A. Malik, *J.Chem. Soci. Pak.* 27, 327 (2005).
37. Structure determination of salvadorn novel dimeric dihydrocoumarin, by NMR spectroscopy, T. Mehmood, E. Ahmad and Abdul Malik, *Magn. Res. Chem.* 43, 670 (2005).
38. Phytochemical studies on *Cressa cretica*, S. Hussain, E. Ahmad, Abdul Malik, Abdul Jabbar, *J. Chem. Soc, Pak* 27, 296 (2005)
39. Isolation and kinetic studies of onosmins A and B, novel inhibitors of Lipoxygenase, from *Onosma hispida*, Ijaz Ahmed, Sarfraz Ahmad, Nighat Afza, Abdul Malik, Itrat Fatima, M. I. Choudhary, *Chem. Pharm. Bull.* 53, 907 (2005).
40. Lipoxygenase inhibitory constituents from *Indigofera oblongifolia*, A. Sharif, E. Ahmed, A. Malik, N. Riaz, N. Afza, S. A. Nawaz, M. Arshad, M. R. Shah, M. I. Choudhary, *Arch. Pharm. Res.* 28, 761 (2005).
41. Non-steroidal anti-inflammatory drugs (NSAIDs) as donor ligands in organotin (iv) derivatives: Synthesis, spectroscopic characterization and biological applications, S. Shahzad, K. Shahid, S. Ali, M. Mazhar, A. Badshah, E. Ahmed and A. Malik, *Turk. J. Chem.,* 29, 273 (2005).
42. Withanolides, a new class of natural cholinesterase inhibitors with calcium antagonistic properties, M. I. Choudhary, S. A. Nazaz, Z-ul-Haq, M. A. Lodhi, M. N. Ghayur, S. Jalil, N. Riaz, S. Yousuf, A. Malik, B. M. Rode, A-ul-Hassan Gilani and Attatur-Rahman, *Biochem. Bioph. Res. Co.* 334, 276 (2005)
43. Haloxylynes A and B, potent antifungal and cholinesterase inhibiting piperidine alkaloids from *Haloxylon salicornicum*, S. Farheen, E. Ahmad, N. Afza, A. Malik, S. Nawaz and M. Iqbal Choudhary *Chem. Pharm. Bull* 53, 570, (2005).
44. Lipoxygenase inhibiting constituents from *Indigofera hetrantha*, A. U. Rehman, A. Malik, N. Riaz, H. Ahmad, S. A. Nawaz and M. I. Choudhary, *Chem. Pharm. Bull.* 53, 263 (2005).
45. Lipoxygenase Inhibitory constituents of *Ehretia obtusifolia*, K. Iqbal, A. Malik, N. Mukhtar, N. Riaz, P. Muhammad, S. A. Nawaz and M. I. Choudhary, *Chem. & Biodiversity* 2, 104 (2005).
46. Tyrosinase inhibitory long chain esters from *Amberboa ramosa*, Sher Bahadar Khan, Azhar-ul-Haq, Nighat Afza, Abdul Malik, Muhammad Tareq Hassan Khan, Muhammad Raza Shah, and M. I. Choudhary *Chem. Pharm. Bull.* 53, 86 (2005).

47. Butyrylcholinesterase Inhibitory guananolides from *Amberboa ramose*, S. B. Khan, S. Perveen, N. Afza, A. Malik, Azhar-ul-Haq, M. R. Shah, S. A. Nawaz, M. I. Choudhary, *Arch. Pharm. Res.* 28, 172 (2005).
48. Enzyme inhibitory constituents from *Budleja crispa*, I. Ahmad, A. Malik, N. Afza, I. Anis and I. Fatima, *Z. Naturforsch* 60b, 341, 1 (2005).
49. Chemistry of isocoumarins: synthesis and biological screening of homalicine and dihydrohomalicine, M.T. Hussain, N.H. Rama, S. Hameed, A. Malik and K. M. Khan, *Nat.Prod.Res.* 19, 41 (2005).
50. Spinocide, New coumaroyl flavone glycoside from *Amaranthus spinosus*, A-U-Haq, A. Malik, S. B. Khan, M. R. Shah and P. Muhammad, *Arch. Pharm. Res.* 27, 1216 (2004).
51. Trans-dichloro (dicyclohexylamine) (triphenylphosphine) palladium (II), M. Parvez, A. Badsha, M. Asma, S. Ali, S. Ahmad, A. Malik and Fiaz Ahmed, *Acta. Crystallographica Section E*, 60m 1602 (2004).
52. Enzymes inhibiting lignans from *Vitex negundo*, Azhar-ul-Haq, A. Malik, Itrat Anis, S.B. Khan, E. Ahmad, Z. Ahmed, Sarfaraz Nawaz and M.I. Choudhary, *Chem. Pharm. Bull.* 52, 1269 (2004).
53. Structure determination of ramosine, a guaianolide, by NMR spectroscopy; S.B. Khan, Nighat Afza, Abdul Malik, Azhar-ul-Haq and Zaheer Ahmed, *Magnetic Resonance in Chemistry* 42, 1063 (2004).
54. Urease inhibiting guaianolides from *Amberboa ramosa* S. B. Khan, N. Riaz, N. Afza, A. Malik, A. U. Haq, Z. Ahmed, M. A. Lodhi, M. I. Choudhary, *Pol. J. Chem.* 78, 2075 (2004).
55. Phytochemical studies of *Haloxylon Recurvum*, Ejaz Ahmed, Abdul Malik, Naheed Riaz and Ahsan Sharif, *J. Chem. Soc. Pak.* 26, 389 (2004).
56. Phytochemical studies of *Salix acmophylla* Boiss, K. Iqbal, A. Malik, A. Mehmood, N. Mukhtar and R.B. Tareen, *J. Chem. Soc. Pak.* 26, 392 (2004).
57. Lipoxygenase Inhibitory constituents from *Periploca aphylla*, A.U. Rahman, A., Malik, N. Riaz, H. Ahmed, Z. Ahmed, S. A. Nawaz M. I. Choudhary, *J. Nat. Prod.* 67, 1450 (2004).
58. Berchemins A and B, Enzyme inhibiting lignan glycosides from *Berchemia pakistanica*, N. Mukhtar, A. Malik, K. Iqbal, R.B. Tareen, S. N. Khan, S. A. Nawaz and M. I. Choudhary, *Helv. Chim. Acta.* 87, 2050 (2004).
59. Cholinesterase inhibiting withanolides from *Ajuga bractesoa*, N.Riaz, A. Malik, A. U. Rahman, P. Muhammad, S. A. Nawaz, M. I. Choudhary, *Chem. & Biodiversity*, 1, 1289 (2004)
60. Flavonoid glycoside and long chain ester from the roots of *Vitex negundo*, Azhar-ul-Haq, Abdul Malik, Sher Bahadar, *Polish J. Chem.* 78, 1851 (2004).
61. Di- and tri-organotin (iv) derivatives of (z)-3-(4-nitrophenyl)-2-phenyl-2-propanoic acid: spectroscopic characterization and biocidal studies. Crystal structure analysis of tetrameric tri-n-butyl tin (iv) (z)-3-(4-nitrophenyl)-2-phenyl-2-propanoate, S. U. Rehman, S. Ali, A. Badshah, A. Malik, E. Ahmed, Guo-Xin-Jin and E.R.T. Teikink, *App. Organomet. Chem.* 18, 401 (2004)
62. Iridiod galactosides and benzofuran type sesquiterpene from *Buddleja crispa*, I. Ahmad, N. Afza, I. Anis, A. Malik, I. Fatima, A.-ul-Haq and R. B. Tareen, *Heterocycles* 63, 1875 (2004).
63. α -Glucosidase inhibitory constituents of *Duranta repens*, Kiran Iqbal, A. Malik, N. Mukhtar, I. Anis, Shamsun-Nahar and M. I. Choudhary, *Chem. Pharm. Bull.* 52, 785-789 (2004).
64. A new flavanone glycoside from leaves of *Impatiens balsamina*, A. Hasan, M. N. Tahir, A. Malik, C. A. Sharif and M. A. Khan, *J. Chem. Soc. Pak.*, 26, 167 (2004).
65. Lipoxygenase inhibiting and antioxidant oligostilbene and monoterpene galactoside from *Paeonia emodi*, N. Riaz, A. Malik, A-ur-Rahman, P. M. Khan, Z. Ahmed, S. A. Nawaz and M. I. Choudhary, *Phytochemistry*, 65, 1129, 2004.
66. Lipoxygenase inhibiting flavonoids from *Indigofera hetrantha*, A. U. Rahman, A. Malik, N. Riaz H. Ahmad, S. A. Nawaz and M. I. Choudhary, *Heterocycles*, 63, 359 (2004).
67. Limbetazulone; a new "decahydro-8-oxanaphtho [2, I - f] azulene-7-one" diterpenoid from *Bullota limbeta*, and Occurrence of two conformational Isomers in the crystal, M. Riaz, Karsten Krohn, A. Malik and U. Flörke, *Chem. & Biodiversity*, 1, 458-462, (2004).
68. Biologically potent organotin (IV) complexes of 2-maleimidoacetic acid, M. Ashfaq, M.I. Khan, M. K. Baloch and A. Malik, *J. Organomet. Chem.*, 689(I), 238-245 (2004).
69. Enzyme inhibiting terpenoids from *Amberboa ramosa*, S. B. Khan, Nusrat Jahan, A. Malik, N. Afza, A-ul-Haq, Z. Ahmed, M. A. Lodhi and M. Iqbal Choudhary, *Z. Naturforschung* 59b, 579-583(2004).

70. Pakistolides A and B, novel enzyme inhibitory and antioxidant hydroxybenzoate derivatives from *Berchemia pakistanica*, N. Mukhtar, A. Malik, N. Riaz, K. Iqbal, R.B. Tareen, S. Nahar, M. Sarfaraz, J. Siddiqui and M. I. Choudhary, *Helv. Chim. Acta.*, **87**, p. 416-424, (2004).
71. Phytochemical Studies on the species of genus *Launaea*, D. Ali, S.M.S. Husain, A. Malik and Z. Ahmed. *J. Chem. Soc. Pak.* Vol. 25, No. 4, 341-347 (2003).
72. Phytochemical studies on *Periploca aphylla*, A. Rahman, N. Riaz, H. Ahmad, Z. Ahmad and A. Malik, *J. Chem. Soc. Pak.* **25**, 257 (2003)
73. A facile access to monodisperse ultralarge rings, M. R. Shah, S. Duda, B. Muller, A. Godt, A. Malik, *J. Am. Chem. Soc.* **125** (18), 5408 (2003).
74. Synthesis and antimicrobial activities of some isocoumarin and dihydroisocoumarin derivatives, M. Hussain, M.T. Hussain, N.H. Rama, S. Hameed, A. Malik and K. M. Khan, *Nat. Prod. Lett.*, **17**, p 207-214 (2003).
75. Emodinol, β -glucuronidase inhibitory triterpene from *Paeonia emodi*, N. Riaz, I. Anis, A. Malik, Z. Ahmad, Aziz-ur-Rahman, P.M. Khan, S. Shujaht and Atta-ur-Rahman, *Nat. Prod. Lett.* **17**, 247 (2003).
76. C-Alkylated coumarin and coumarin glucoside from *Daphne oleoides*, A. Malik, M. Riaz, E. Akbar, N. Afza and M. Rafiq, *Heterocycles* **50**(4), 947 (2003).
77. Paeonins A and B, lipoxigenase inhibitory monoterpene galactoside from *Paeonia emodi*, N. Riaz, I. Anis, A. Malik, Z. Ahmad, Aziz-ur-Rahman, P. M. Khan, S. Nawaz and M. I. Choudhary, *Chem. Pharm. Bull.* **51**, 252 (2003).
78. Cholinesterase inhibitory constituents from *Onosma hispida*, I. Khattak, I. Anis, A. Malik, S. Nawaz and M.I.Choudhary, *Chem. Pharm. Bull.* **51**, 412 (2003)
79. Absolute configuration of chiral 1,3,4,5-tetrahydro-2H, 1,5-benzodiazepin-2-ones by crystal structure, M. Hasan, T.A. Nizami, S. Ahmad, A. Malik, W. Hiller and W. Voelter, in "Natural Product Chemistry At the Turn of the Century", Proceedings of 7th and 8th International Symposia on Natural Product Chemistry, Karachi, Ed. Atta-ur-Rahman, M.I. Choudhary and K. M. Khan, Publishers Print Arts Karachi, 2002, p 355.
80. Phytochemical studies on *Cuscuta reflexa*, E. Anis, I. Anis, N. Afza and A. Malik, in "Natural Product Chemistry At the Turn of the Century", Proceedings of 7th and 8th International Symposia on Natural Product Chemistry, Karachi, Ed. Atta-ur-Rahman, M.I. Choudhary and K. M. Khan, Publishers Print Arts Karachi, 2002, p 349.
81. Phosphodiesterase inhibiting coumarinolignoids from *Duranta repens*, K. Iqbal, I. Anis, N. Mukhtar and A. Malik, N. Fatima and M.I. Choudhary, *Heterocycles*, **60**, 151 (2003).
82. Lead Content of petrol and diesel and its assessment in an Urban environment, Pravin P Karekh, Haider A. Khwaja, Adil R. Khan, Ronaq R. Naqvi, Abdul Malik, Khalid Khan and Ghazanfar Hussain, *Environmental Monitoring and Assessment*, **74**, 255-262 (2002).
83. Synthesis and characterization of copper (I) triphenylphosphine complexes with ethylridine, M.S. Arayne, N. Sultana, M. Attaullah Khan and A. Malik, *Pak. J. Pharm. Sci.* **15**, 71 (2002).
84. Pharmacochemical studies of the oil, aerial parts, puep and peel of *Citrullus colocynthis*, Mahboob Ali Kalhoro, Nighat Afza, Muhmmad Saleem and A. Malik, *J. Chem. Soc. Pak.* **24**, 274 (2002).
85. Sphingolipids from *Conyza canadensis*, N. Mukhtar, K. Iqbal, I. Anis and A. Malik, *Phytochemistry* **61**, 1005 (2002).
86. Novel sphingolipids from *Conyza canadensis*, N. Mukhtar K. Iqbal and A. Malik, *Chem. Pharm. Bull*, **50**, 1558 (2002).
87. Alysinol, a new triterpene from *Alysicarpus monolifer*, N. Riaz, I. Anis, P. M. Khan R. Shah and A. Malik, *Nat. Prod. Res.*, **16**, 415 (2002).
88. Antimicrobiol triterpenes from *Debregeasia salicifolia*, E. Akbar and A. Malik, *Nat. Prod. Lett.*, **16**, 339 (2002).
89. Highly oxygenated triterpenes from the roote of *Atropa acuminata*, A. Mehmood, A. Malik, I. Anis, P. Muhammad, M. Riaz, T. Makhmoor and M.I. Choudhary, *Nat. Prod. Lett.*, **16**, 371 (2002).
90. Enzyme inhibiting constituents from *Duranta repens*, I. Anis, A. Malik, S. Ahmed, A. Yasmin and M. Iqbal Choudhary, *Chem. Pharm. Bull.* **50**, 515 (2002).
91. Flavonoid glucoside and bergenin derivatives from *Tridax procumbens*, E. Akbar, A. Malik, N. Afza and S.M. A. Hai, *Heterocycles*, **57**, 733 (2002).
92. Dicoumarinyl ether glycoside from the roots of *Daphne oleoides*, M. Riaz, K. Krohn, V. Wray and A. Malik, *European J. Org. Chem.*, 1436-1438 (2002).
93. Synthesis and biological screening of 2-[4]substituted phenyl] 4-(2-cyanoethyl-4 (H), 1,3,4-oxadiazine-5 (6H)-ones and their intermediates K.M. Khan, S. Rahat, M. I. Choudhary, A. Rahman, U. Ghani, S. Parveen, S. Khatoon, A. Dar and A. Malik, *Helv. Chim. Acta*, **85**, 559 (2002).

94. α -Glucosidase inhibiting constituents of *Cuscuta reflexa*, E. Anis, G. Mustafa, I. Anis, N. Afza, S.M. Abdul Hai and A. Malik, *Chem. Pharm. Bull* **51** (1), 112-114 (2002).
95. Pyrotechnic acid: A glycololeanolic acid conjugate from *Lepatadenia pyrotechnica*, M.S. Ali, F. Kousar and A. Malik, *J. Chem. Soc. Pak* **33**, 180 (2001).
96. Facile approach to versatile intermediates for fused cyclopentanoid natural products, F-Zulfiqar and A. Malik, *Z Naturforsch* **56**, 1227 (2001).
97. Daphwazirin, biscoumarin glycopyranoside from *Daphne oleoides*, Muhammad Riaz, Abdul Malik, Sher Khan, Sadhozai, Manzoor Hussain and Nisar Ullah, *Nat. Prod. Lett.* **15** (6), 433-438 (2001).
98. Ambient air quality of two metropolitan cities of Pakistan and its health implications, P.P. Parekh, H. A. Khwaja, Adil R. Khan, R.R. Naqvi, A. Malik, S.A. Shah, K. Khan and G. Hussain, *Atmospheric Environment* **35**, 5971 (2001).
99. New flavonoid from *Mentha longifolia*, N. Jahan, A. Malik and P. Muhammad, *Heterocycles* **55**, 1951 (2001).
100. Dihydroquinol and quinol derivatives from *Ajuga parviflora*, E. Akbar, H.R. Nawaz and A. Malik, *Z. Naturforsch* **56b**, 842 (2001).
101. Structure determination of daphjamilin, a new dimeric coumarin glycoside from *Daphne oleoides*, Muhammad Riaz and Abdul Malik, *Magnetic Resonance in Chemistry* **39**, 641 (2001).
102. Syntheses, characterization and biological studies of some metal (II) complexes with 3-(p-chlorophenyl)-2-phenyl-5-thiazoleacetic acid, M.H. Bhatti, S. Ali, M.N. Khokar, M.Mazhar, S.K. Hasnain and A. Malik, *J. Chem. Soc. Pak.* **23** (1), 35 (2001).
103. Triterpenes from *Mimusops elengi*, N. Jahan, G. Mustafa, A. Malik, Z. Ahmed, S. Ahmad, E. Anis, Shahida Shujaat and Attaur-Rahman, *Nat. Prod. Lett.* **15**, 177 (2001).
104. Daphsaifnin, dimeric coumarin glucoside from *Daphne oleoides*, Muhammad Riaz and Abdul Malik, *Heterocycles* **55**, 769-773 (2001).
105. Ursene type nortriterpene from *Debregeasia salicifolia*, Erum Akbar, Muhammad Riaz And Abdul Malik, *Fitoterpia* **72**, 382 (2001).
106. Novel coumarin glycosides from *Daphne oleoides*, Muhammad Riaz and Abdul Malik, *Helv. Chim. Acta* **84**, 656 (2001).
107. Thrombin inhibitory constituents from *Duranta repens*, I. Anis, E. Anis, S. Ahmad, G. Mustafa and A. Malik, *Helv. Chim. Acta* **84**, 649 (2001).
108. Eupatorin, Muhammad Riaz, Masood Parvez and Abdul Malik, *Acta Crystallographica*, E57, 0289 (2001).
109. A lignoid glycoside and dimeric phenylpropanoids from *Daphne oleoides*, Nisar Ullah, S.A. Qureshi, A. Malik and E. Haslinger, *Helv. Chim. Acta.*, **84**,157-162 (2001).
110. Trianthenol: an antifungal tetraterpenoid from *Trianthena portulacastrum* (Aizodceae), H. R. Nawaz, A. Malik, M. S. Ali, *Phytochemistry* **56**, 99-102 (2001).
111. Withanolides and alkaloid from *Ajuga Parviflora*, Hafiz Rub Nawaz, M. Riaz, A. Malik, P. M. Khan, N. Ullah, *J. Chem. Soc. Pak.* 138-141 (2001).
112. Triterpenes from *Mimusops elengi*, N. Jahan, A. Malik, N. Afza, M.I. Choudhary and S. Shahzad-ul-Hasan, *Z. Naturforsch.* **55b**, 1206-1210 (2001).
113. Furanoid and furofuranoid lignans from *Daphne oleoides*, Muhammad Riaz, Nisar Ullah, Arshad Mehmood, Hafiz Rabnawaz, Abdul Malik and Nighat Afza, *Z. Naturforsch* **55b**, 1216-1220 (2000).
114. Long chain cinnamoic acid esters from *Daphne oleoides*, Nisarullah, S.A. Qureshi, S. Anwar, A. Malik and E. Haslinger, *Z. Naturforsch* **55b**, 982-984 (2000).
115. Novel β -glucuronidase inhibiting triterpenoid from *Paeonia emodi*, H. R. Nawaz and A. Malik, *Chem. Pharm. Bull.* **48**, 1171-1173 (2000).
116. New catalyst for intramolecular cyclopropanation reaction, A. Yasmin, R. Jaffri and A. Malik, *J. Chem. Soc. Pak.* **22**, 68 (2000).
117. Lupene type triterpenes from *Periploca aphylla*, G. M. Qureshi, E. Anis, S. Ahmad, I. Anis, H. Ahmad and A. Malik, *J. Nat. Prod.* **63**, 881 (2000).
118. Stereospecific synthesis of polysubstituted tetrahydrofurans, F. Iqbal, M. S. Shekhani, A. Malik, M. Pervaiz, U. Riaz, K. M. Khan and Z. Ali, *Z. Naturforsch.* **55b**, 317 (2000).
119. Hypotensive effects of the methanolic extract from *Mimusops elengi* in normotensive rats, A. Dar, S. Behbahanian, A. Malik and N. Jahan, *Phytomedicine* **6** (5), 373 (1999).

120. Withanolides from *Ajuga parviflora*, H. R. Nawaz, P. M. Khan, S. Ahmad and A. Malik, *Phytochemistry* 52, 1357-1360 (1999).
121. Chemical constituents of *Ajuga parviflora*, H. R. Nawaz, S. Ahmad, P. M. Khan, and A. Malik, *Z. Naturforsch.* 55b, 100 (1999).
122. Phytochemical studies on *Cuscuta reflexa*, E. Anis, G. Mustafa, N. Ullah, A. Malik, N. Afza and Y. Badar, *Pak. J. Sci. & Ind. Res.* 42 (4), 170-172 (1999).
123. Sterols and sterol glycosides from *Cuscuta reflexa*, E. Anis, N. Ullah, G. Mustafa, A. Malik, N. Afza Y. Badar, *Natural Product Sciences (Korea)* 5 (3): 124-126 (1999).
124. New acetylated quinols from *Ajuga parviflora*, P. M. Khan, S. Ahmad, H. R. Nawaz, N. Ullah and A. Malik, *Fitoterapia* 70, 229 (1999).
125. First report of withanolide from family Labiatae, P. M. Khan, S. Ahmad, H. R. Nawaz and A. Malik, *Phytochemistry* 51, 669 (1999).
126. A dicoumarin glycoside from *Daphne oleoides*, N. Ullah, S. Ahmad, and A. Malik, *Phytochemistry* 51, 99 (1999).
127. Dimeric guanolide from *Daphne oleoides*, N. Ullah, S. Ahmad, P. Mohammad, Z. Ahmad and A. Malik, *Phytochemistry* 51, 559 (1999).
128. Coumarinolignoid glycoside from *Daphne oleoides*, N. Ullah, S. Ahmad, P. Mohammad, Z. Ahmed, H. R. Nawaz, Abdul Malik, *Phytochemistry* 51, 103 (1999).
129. Withanolides from *Ajuga parviflora*, P. M. Khan, S. Ahmad, H. R. Nawaz and A. Malik, *J. Nat. Prod.* 62, 1290-1292 (1999).
130. Ajugin C and D, new withanolides from *Ajuga parviflora*, P. M. Khan, S. Ahmad and A. Malik, *Helv. Chim. Acta* 82, 1423 (1999).
131. New monoterpenoid glycosides from *Paeonia emodi*, P. M. Khan, S. Ahmad, H. R. Nawaz, N. Ullah and A. Malik, *Z. Naturforsch* 54b, 544 (1999).
132. A lignan from *Daphne oleoides*, N. Ullah, S. Ahmad, E. Anis, P. Mohammad, H. R. Nawaz and A. Malik, *Phytochemistry* 50, 147, (1999).
133. Chemistry of isocoumarins. Part II. Syntheses of 3-propyl- and 3-methylisocoumarin, and conversion of the latter to 3-methyl-3,4-dihydroisocoumarin, M.T.Hussin, N. H. Rama, and A. Malik, *Ind. J. Het. Chem.* 8, 273 (1999).
134. Synthesis of some new 3-(iodophenyl) isocoumarins and their conversion to (d1)-3,4 dihydro-derivatives, A. Hussain, N. H. Rama, M. T. Hussain and A. Malik, *Ind. J. Het. Chem* 8, 189 (1999).
135. Phenylpropanoid glycosides from *Daphne oleoides* N. Ullah, S. Ahmad and A. Malik, *Chem. Pharm. Bull.* 47,114 (1999).
136. New withanolide glycosides from *Physalis peruviana*, S. Ahmad, R. Yasmeen, and Abdul Malik, *Chem. Pharm. Bull.* 47, 477 (1999).
137. A new withanolide glycoside from *Physalis peruviana*, S. Ahmad, A. Malik, N. Afza, R. Yasmin, *J. Nat. Prod.*, 62, 493 (1999).
138. Withanolides from *Physalis peruviana*, S. Ahmad, A. Malik, R. Yasmin, N. Ullah, W. G. Muhammad, H. R. Nawaz and N. Afza, *Phytochemistry* 50, 647 (1999).
139. Chemical constituents of *Daphne oleoides*, N. Ullah, S. Ahmad, P. Mohammad, H. R. Nawaz and A. Malik, *Fitoterapia* 70, 214 (1999).
140. A pentacyclic triterpene from *Daphne oleoides*, N. Ullah, A. Ahmad, M. Riaz, S. Ahmad, P. Mohammad and A. Malik, *Phytochemistry* 50, 839 (1999).
141. Phenol catalyzed Claisen orthoester rearrangement of allylic alcohols with trimethyl β -(methoxy) ortho propionate, F. Iqbal, H. S. Ateeq, A. Malik, Zeeshan and Z. Ali Z., *Naturforsch.*, 53b, 1244 (1998).
142. A convenient synthesis of (d1) -3-benzyl-3,4-dihydroisocoumarin as a model of feralolide, N. H. Rama, R. Iqbal, K. Zamani and A. Malik, *Indian J. Chem.*, 37b, 1021 (1998).
143. Structural studies of triterpenoids isolated from some *Euphorbia* species and *Sericostoma pauciflorum*, N. Afza, Y. Badar, A. Malik, A. M. Ayatollahi, Z. Ahmad and A. Q. Khan, *Proceedings of the First International Conference on Pharmaceutical Sciences*, 39 (1998).
144. Hypotensive effect of *Mimusops elengi* on anaesthetized normotensive rats, A. Dar, S. Behbahanian, N. Jahan and A. Malik, *Proceedings of XIIIth International Congress of Pharmacology, Munchen, Germany*, 38 (1998).
145. Solid phase synthesis of muramyl dipeptides on isomeric aminomethyl linker resins, W. Voelter, J. Tschakert, A. Malik, T. A. Nizami, H. J. Kohlbaun and G. Paulus, *Z. Naturforsch.* 52b, 753 (1998).

146. Absolute configuration of chiral 1,3,4,5-tetrahydro-2H-1,5-benzodiazepin-2-ones, M. Hasan, T. A. Nizami, A. Malik, C. Ohelendorf, W. Hiller and W. Voelter, *Z. Naturforsch.* 53b, 485 (1998).
147. Phytochemical Investigations on *Daphne oleoides*, N. Ullah, E. Anis, Z. Ahmad and A. Malik, *Fitoterapia* **LXIX**, 280 (1998).
148. A new withanolide from *Physalis peruviana*, S. Ahmad A. Malik, P. Muhammad, W. Gul, R. Yasmin and N. Afza, *Fitoterapia* **LXIX**, 433 (1998).
149. A new steroid from *Duranta repens* Linn, S. Ahmad, T. A. Nizami, H. R. Nawaz, A. Malik and N. Afza, *Fitoterapia* **LXIX**, 448 (1998).
150. One step synthesis of 3-(phenylethenyl) isocoumarin as a model of achlisocoumarin II and III; its conversion to 3,4-dihydro-derivatives, N. H. Rama, R. Iqbal, K. Zamani and A. Malik, *J. Chem. Soc. Pak.* 20,62 (1998).
151. Triflate induced syntheses and spectral studies of some amino sugars, Z. Ahmad, S. N. H. Kazmi, A. Q. Khan and A. Malik, *J. Chem. Soc. Pak.* 20, 54 (1998).
152. Long chain esters of oleane series from *Cuscuta reflexa*, E. Anis, Z. Ahmad, G. Mustafa, N. Ullah, R. Z. Nadeem, N. Afza and A. Malik, *Fitoterapia* **LXIX**, 474 (1998).
153. The chemical constituents of *Potamogeton pectinatus*, S. A. Majid Ayatollahi, F. Kobarfard, H. Komeylizade, N. Aghareza Kashani, N. Afza and A. Malik, *Pak. J. Sci & Ind. Res.* **40**, 90 (1997).
154. Syntheses of anomeric pairs of new C-nucleosides via 1,3-dipolar cycloaddition reaction Part I, Z. Maqbool, M. Hasan, K. T. Potts, A. Malik, T. A. Nizami and W. Voelter, *Z. Naturforsch.* 52b, 1383 (1997).
155. Syntheses of anomeric pairs of new C-nucleosides via 1,3-dipolar cycloaddition reaction. Part II, Z. Maqbool, M. Hasan, K. T. Potts, A. Malik, T. A. Nizami and W. Voelter, *Z. Naturforsch.* 52b, 1393 (1997).
156. ^1H , ^{13}C , ^{119}Sn NMR, ^{119}Sn Mossbauer, infrared and mass spectrometric studies of organotin carboxylates of 2-(2,3-dimethylphenyl) aminobenzoic acid and their effect on microorganisms, M. Danish, S. Ali, A. Badshah, M. Mazhar, H. Masood, A. Malik and G. Kehr, *Synth. React. Inorg. Met.-Org. Chem.*, 27 (6), 863 (1997).
157. A novel sterol from *Minusops elengi*, N. Jahan, W. Ahmed and A. Malik, *Fitoterapia* **LXII**, 91 (1996).
158. Phytochemistry of the genus *Asparagus*, S. M. Khaliq-uz-Zaman, W. Ahmed, I. Azhar, V. U. Ahmad, M. S. Ali and A. Malik, *Hamdard Medicus*, 1, 27 (1996).
159. Phytochemistry of the genus *Mimusops*, N. Jahan, W. Ahmed and A. Malik, *J. Chem. Soc. Pak.* 18, 51 (1996).
160. Steroidal glycosides from *Mimusops elengi*, N. Jahan, W. Ahmed and A. Malik, *J. Nat. Prod.* 58, 1244 (1995).
161. A lupene-type triterpene from *Mimusops elengi*, N. Jahan, W. Ahmed and A. Malik, *Phytochemistry* 39, 255 (1995).
162. Three new triterpenes from *Plumeria rubra*, N. Akhtar and A. Malik, *Proceedings of fifth National Chemistry Conference, Islamabad*, 235 (1995).
163. A Triflate mediated synthesis of nucleoside analogs, F. Latif, A. U. Rehman and A. Malik, *Proceedings of fifth national Chemistry Conference, Islamabad*, 238 (1995).
164. Di and tri-organotin (IV) derivatives of mefenamic acid, A. Badshah, M. Danish, S. Ali, M. Mazhar, N. Islam and A. Malik, *Proceedings of fifth National Chemistry Conference, Islamabad* 183 (1995).
165. A novel entry into cyclopropanated sugar amino acids, F. Zaman, A. Fatima, A. Malik and W. Voelter, *Z. Naturforsch.* 49b, 1434 (1994).
166. A regioselective one pot synthesis and synthetic applications of cyanodeoxy sugars by cyanotrimethylsilane, S. N. H. Kazmi, Z. Ahmad, N. Afza, W. Voelter and A. Malik, *Z. Naturforsch.* 50b, 294 (1994).
167. Rubrinol, an antimicrobial triterpene from *Plumeria rubra*, N. Akhtar and A. Malik, *Fitoterapia* **LXV**, 162 (1994).
168. The pyrrolizidine alkaloid contents of the genus *Senecio*, W. Ahmed, Z. Ahmad, S. N. H. Kazmi and A. Malik, *J. Chem. Soc. Pak.*, 16, 64 (1994).
169. Phytochemical studies on the constituents of *Ficus carica* (FIG), W. Ahmed and A. Malik, *Hamdard Medicus*, **XXXVII**, 30 (1994).
170. An anthraquinone derivative from *Cassia italica*, M. H. Kazmi, A. Malik, S. Hameed, N. Akhtar and S. N. Ali, *Phytochemistry*, 36, 761 (1994).
171. Some neutral constituents from *Senecio. Racemosus*, W. Ahmed, Z. Ahmad and A. Malik, *Fitoterapia*, **LXV**, 184 (1994).
172. Unsaturated sugars and epoxy sugars as intermediates in carbohydrate synthesis, W. Voelter, A. Malik, F. Zaman, A. Fatima, F. Latif, J. Taschakert, N. Naz and Y. Al-Abed in "Trends in Organic Chemistry", edited by the Scientific Research Integration Published by Research Trends, Streekantheswarm, Trivandrum India 4, 741 (1993).

173. Phytochemical studies on the constituents of *R. minima*, W. Ahmed and A. Malik, *Hamdard Medicus* XXXVI (2), 26 (1993).
174. Triterpenes and β -sitosterol from Piper beetle: Isolation, antiplatelet and antiinflammatory effects, S. A. Saeed, S. Farnaz, R. U. Simjee and A. Malik, *Biochemical Society Transaction* 21, 25 (1993).
175. Phytochemistry of the genus *Saponaria*, S. N. H. Kazmi, Z. Ahmad, W. Ahmed and A. Malik, *J. Chem. Soc. Pak.* 15, 271 (1993).
176. Phytochemical studies on the species of the genus *Abutilon*, Z. Ahmad, S. N. H. Kazmi, W. Ahmed and A. Malik, *Hamdard Medicus* XXXVI, 28 (1993).
177. A new pyrrolizidine alkaloid from *Senecio racemosus* and revised structure of racemonine, W. Ahmed, A. Q. Khan, A. Malik, F. Ergun and B. Sener, *Fitoterapia* LXIV, 361 (1993).
178. Antitumor cardenolide with inhibitory activity against *Pseudomonas pseudomalliae*, S. N. Ali, N. Akhtar, A. Malik and S. U. Kazmi, *Pak. J. Pharm. Sci.* 6, 61 (1993).
179. Oleanene type triterpenes from *Plumeria rubra*, N. Akhtar and A. Malik, *Phytochemistry* 32, 1523 (1993).
180. Cycloartane type triterpenes from *Amberboa ramosa*, N. Akhtar, A. Malik, N. Afza and Y. Badar, *J. Nat. Prod.* 56, 295 (1993).
181. Racemodine, a new pyrrolizidine alkaloid from *Senecio racemosus*, W. Ahmed, A. Q. Khan and A. Malik, *Phytochemistry* 32, 224 (1993).
182. Regioselective one pot syntheses of N,N-dialkylamino sugars via TMSDEA and TMSDMA, S. N. H. Kazmi, Z. Ahmad and A. Malik, *J. Chem. Res. (S)*, 124 (1992).
183. A hopane type triterpene from *Sericostoma pauciflorum*, S. A. Majeed Ayatollahi, Z. Ahmad, A. Malik, N. Afza and Y. Badar, *Fitoterapia*, LLX III, 304 (1992).
184. Pyrrolizidine and seco-pyrrolizidine alkaloids from *Senecio racemosus*, W. Ahmed, A. Q. Khan and A. Malik, *J. Nat. Prod.* 55, 1764 (1992).
185. Epoxy sugars as intermediates in carbohydrate syntheses, A. Malik, F. Zaman, N. Akhtar, N. Naz, A. Fatima, W. Ahmed, N. Afza, A. Majeed, N. Rasool, S. N. H. Kazmi and Z. Ahmad, In "Advances in Natural Products Chemistry", Ed. Atta-ur-Rahman, Harward Academic Publisher, Netherlands 121 (1992).
186. Cycloclarkeanol, a new triterpene from *Euphorbia clarkeana*, A. Majeed Ayatollahi, Z. Ahmad, A. Malik, Y. Badar and N. Afza, *J. Nat. Prod.* 55, 959 (1992).
187. Stigmasteryl galactoside from *Rhyncosia minima*, W. Ahmed, Z. Ahmad and A. Malik, *Phytochemistry* 31, 4038 (1992).
188. Two new triterpenoids from *Pentatropis spiralis*, N. Rasool, V. U. Ahmad and A. Malik, *Fitoterapia* LXIII, 156 (1992).
189. Proceragenin, an antibacterial cardenolide from *Calotropis procera*, N. Akhtar, A. Malik, S. N. Ali and S. U. Kazmi, *Phytochemistry* 31, 282 (1992).
190. A triterpene from *Sericostoma pauciflorum*, S. A. Majeed Ayatollahi, Z. Ahmad, N. Afza and A. Malik, *Phytochemistry* 31, 2899 (1992).
191. Circular dichroism of carbohydrate metal complexes, W. Voelter, A. Malik, F. Latif Ansari and J. Tschakert in "Proceedings on Int. Conference on Circular Dichroism", Bochum, Germany p. 212 (1991).
192. Terpenoids from *Pentatropis spiralis*, N. Rasool, V. U. Ahmad and A. Malik, *Phytochemistry* 30, 1331 (1991).
193. A new cycloartane type triterpene from *Pentatropis spiralis*, N. Rasool, A. Q. Khan, V. U. Ahmad and A. Malik, *J. Nat. Prod.* 54, 889 (1991).
194. Coumestane and benzoquinone from *Psoraeea plicata*, N. Rasool, A. Q. Khan, V. U. Ahmad and A. Malik, *Phytochemistry* 30 (8), 2800 (1991).
195. Two new pyrrolizidine alkaloids from *Senecio racemosus*, W. Ahmed, F. Ergun, B. Sener and A. Malik, *Heterocycles* 32, 1729 (1991).
196. A new steroidal hydrocarbon and tetradecanyl triacontanoate from *Abutilon pakistanicum*, Z. Ahmad, S. N. H. Kazmi and A. Malik, *Fitoterapia* 62, 394 (1991).
197. A new fernane type triterpene from *Sericostoma pauciflorum*, A. Majeed, A. Malik, N. Afza and Y. Badar, *J. Nat. Prod.* 54, 570 (1991).
198. Efficient one pot approach to sugar phosphates of potential biochemical interest, A. Fatima, F. Zaman, A. Malik, M. S. Shekhani and W. Voelter, *Liebigs Ann. Chem.* 1147 (1991) (presently published as *European Journal of Organic Chemistry*).
199. Solid phase syntheses in carbohydrates, A. Malik, H. Bauer and W. Voelter, *Chemiker Zeitung* 114, 371 (1991). (Presently published as *J. Prakt. Chem.*)

200. Syntheses of cyclopropanated and branched chain pyranosides via carbohydrate triflates, A. Fatima, F. Zaman, M. S. Shekhani, A. Malik and W. Voelter, *Liebigs Ann. Chem.* 389 (1991) (presently published as *European Journal of Organic Chemistry*).
201. A new pentacyclic triterpene from *Abutilon pakistanicum*, Z. Ahmad, S. N. H. Kazmi and A. Malik, *J. Nat. Prod.* 53, 1324 (1990).
202. Plicatine A and B, two phenolic cinnamates from *Psoralea plicata*, N. Rasool, A. Q. Khan and A. Malik, *Phytochemistry* 29 (12), 3979 (1990).
203. Nitration studies in yohimbine, S. Siddiqui, S. Begum and A. Malik, *Pak. J. Sci. Ind. Res.* 33 (8), 305 (1990).
204. Vaccariose, a new oligosaccharide from *Saponaria vaccaria*, Z. Ahmad, S. N. H. Kazmi and A. Malik, *Fitoterapia* 61 (3), 223 (1990).
205. A new macrocyclic diterpene ester from the latex of *Euphorbia tirucalli*, A. Q. Khan and A. Malik, *J. Nat. Prod.* 53 728, (1990).
206. Phytochemical investigation *Calotropis procera*, A. Q. Khan and A. Malik, *Fitoterapia* 61 (1), 89 (1990).
207. Triterpenes from *Ficus carica*, W. Ahmed, Z. Ahmad and A. Malik, *Fitoterapia* 61, 373 (1990).
208. Solvent extraction of Pakistan coals, extraction and characterization of methanol-benzene extracts, Misbah-ul Hasan, A. S. Bhatti and A. Malik, *Fuel Science & Technology International*, 8 (4), 405-426 (1990).
209. A new steroid from *Calotropis procera*, A. Q. Khan and A. Malik, *Phytochemistry* 28 (10), 2859 (1989).
210. Psoracinol - a new lupane type triterpene from *Psoralea plicata*, N. Rasool, A. Q. Khan and A. Malik, *J. Nat. Prod.* 52 (4), 749 (1989).
211. Sappanone, a new pentasubstituted xanthone from *Saponaria vaccaria*, S. N. H. Kazmi, Z. Ahmad and A. Malik, *Phytochemistry* 28, 3572 (1989).
212. Structure of plumerinine, a novel lupin alkaloid from *Plumeria rubra*, S. N. H. Kazmi, Z. Ahmad, W. Ahmed and A. Malik, *Heterocycles* 29 (10), 1901 (1989).
213. Vaccaxanthone, a novel xanthone acid from *Saponaria vaccaria*, S. N. H. Kazmi, Z. Ahmad and A. Malik, *Heterocycles* 29 1923-27 (1989).
214. Syntheses and spectral studies of some new complexes of gold and palladium with organic ligands, A. A. Danopoulos, L. D. Lapatsanis, S. M. Paraskewas, A. Malik and W. Voelter, *Chemiker Zeitung*, 113 (6), 215 (1989) (Presently published as *J. Prakt. Chem.*)
215. A new taraxerane type triterpene from *Euphorbia tirucalli*, N. Rasool, A. Q. Khan and A. Malik, *Phytochemistry* 28 (4), 1193 (1989).
216. Further studies in the triterpenoids of *Euphorbia tirucalli*, N. Rasool, A. Q. Khan and A. Malik, *Fitoterapia* 60 (5), 475 (1989).
217. Euphorcinol, a new pentacyclic triterpene from *Euphorbia tirucalli*, A. Q. Khan, S. N. H. Kazmi, Z. Ahmad and A. Malik, *Planta Medica* 55 (3), 290 (1989).
218. Cyclocaducinol, a new triterpene from *Euphorbia caducifolia*, N. Afza, A. Q. Khan, A. Malik and Y. Badar, *Phytochemistry* 28 (7), 1982 (1989).
219. New synthetic routes to amino sugars and sugar amino acids, A. Malik and W. Voelter, *Chemiker Zeitung* 113 (4), 153 (1989) (Presently published as *J. Prakt. Chem.*).
220. A facile synthesis of quaternary amino sugars, A new class of compounds, Z. Ahmad, S. N. H. Kazmi, A. Q. Khan and A. Malik, *J. Prakt. Chemie*, 330 (6), 1030 (1989).
221. Some recent synthetic, isolation and structural studies in natural products, A. Malik et al. in "Proceedings of the 3rd International Symposium on Natural Products Chemistry, Karachi", Ed. Atta-ur-Rahman and P. W. Le. Quesne, Shamim Printing Press, Karachi, p. 549 (1989).
222. Two triterpenes from *Ficus carica*, W. Ahmed, A. Q. Khan and A. Malik, *Planta Medica* 481 (1989).
223. Triterpenoids from the latex of *Euphorbia caducifolia*, N. Afza, A. Q. Khan, A. Malik and B. Yasmeen, *Planta Medica* 482 (1988).
224. Triucalidine, a new macrocyclic diterpene from *Euphorbia tirucalli*, A. Q. Khan, T. Rasheed and A. Malik, *Heterocycles* 27, 2851 (1988).
225. A new pentacyclic triterpene from *Calotropis procera*, A. Q. Khan, Z. Ahmad, S. N. H. Kazmi and A. Malik, *J. Nat. Prod.* 51, 925 (1988).

226. Intramolecular thermal rearrangement of harmine hydrochloride to a new anhydronium base, harminoline, S. Siddiqui, N. Sultana and A. Malik, *Z. Naturforsch.* 43b, 1515 (1988).
227. Chemical studies on the stem bark of *Euphorbia tirucalli*, A. Q. Khan, N. Akhter and A. Malik, *Fitoterapia* 59, 428 (1988).
228. Oblongifolic acid from *Fritillaria imperialis*, A. Majeed, A. Q. Kahn and A. Malik, *Planta Medica* 366 (1988).
229. Cycloephordenol, a new 31-nortriterpene from *Euphorbia tirucalli*, A. Q. Khan, T. Rasheed, S. N. H. Kazmi, Z. Ahmad and A. Malik, *Phytochemistry* 27, 2279 (1988).
230. The structure and absolute configuration of cyclotirucanenol, a new triterpene from *Euphorbia tirucalli*, A. Q. Khan, Z. Ahmad, S. N. H. Kazmi, A. Malik and N. Afza, *Z. Naturforsch.* 43, 1059 (1988).
231. Regioselective one pot syntheses of cyanodeoxy sugars, S. N. H. Kazmi, Z. Ahmad, A. Q. Khan and A. Malik, *Synthetic Commun.* 18, 151-156 (1988).
232. A novel triflate mediated approach to alkaloidal glycosides, Z. Ahmad, S. N. H. Kazmi, A. Q. Khan and A. Malik, *Heterocycles* 27, 25-29 (1988).
233. Triflate induced C-N coupling of sugars with heterocyclic bases. Synthesis of a new class of compounds, Z. Ahmad, S. N. H. Kazmi, S. S. Ahmed, A. Q. Khan and A. Malik, *Synthetic Commun.* 18, 501-505 (1988).
234. Stereostructure of subulacine-N-oxide, a new pyrrolizidine alkaloid from *Heliotropium subulatum*, A. Malik and Khalid Rehman, *Heterocycles* 27, 707-711 (1988).
235. Investigation of the fresh latex of *Euphorbia caducifolia*, N. Afza, B. Yasmeen, A.Q. Khan and A. Malik, *Fitoterapia* 59, 253 (1988).
236. Novel synthesis of 3, 4-dideoxy-3,4-C-cyanomethylene pyranosides. A new class of cyclopropanated sugars, M. S. Shekhani, F. Latif, A. Fatima, A. Malik and W. Voelter, *Chem. Commun.* 1419 (1988).
237. Further triterpenes from the stem bark of *Euphorbia tirucalli*, A. Q. Khan, Z. Ahmad, S. N. H. Kazmi and A. Malik, *Planta Medica* 577 (1987).
238. Syntheses of new amino and aziridino sugar derivatives of potential biochemical interest, F. Latif, A. Malik and W. Voelter, *Liebigs Ann. Chem.* 717(1987) (presently published as *European Journal of Organic Chemistry*).
239. Regioselective one pot approach to Aminodeoxy sugars via aminosilanes, A. Malik, S. N. H. Kazmi and Z. Ahmad, *Chem. Commun.* 1073 (1987).
240. Efficient syntheses of a new class of 6-amino-6-deoxy-sugars, A. Malik, Z. Ahmad, S. N. H. Kazmi and A. Q. Khan, *Z. Naturforsch.* 42b, 514 (1987).
241. Efficient high yielding syntheses and NMR spectroscopic studies of some fluorodeoxy sugars, F. Latif, A. Malik and W. Voelter, *Liebigs Ann. Chem.* 617 (1987) (presently published as *European Journal of Organic Chemistry*).
242. Novel syntheses of amino sugars constituents of amino sugar antibiotics and regioselective one pot syntheses of some potential sugar intermediates, A. Malik, N. Afza and W. Voelter, in "New trends in natural Products Chemistry", Ed. Attaur-Rahman and P. Le Quesne, Springer Verlag, Netherland, p. 283 (1986).
243. Novel one pot syntheses of a new class of compounds involving coupling of sugars and amino acids via triflates, W. Kowollik, A. Malik, N. Afza and W. Voelter, *J. Org. Chem.* 50 (18), 3325 (1985).
244. Epoxide assisted displacement of triflyl group by fluoride ion. An efficient approach to fluorodeoxy sugars, F. Latif, A. Malik and W. Voelter, *Z. Naturforsch.* 40b, 317 (1985).
245. Synthesis of sugar nitrates by nucleophilic substitution, N. Afza, A. Malik, F. Latif and W. Voelter, *Liebigs Ann. Chem.* 1929 (1985) (presently published as *European Journal of Organic Chemistry*).
246. A convenient synthesis of 4-amino-4-deoxy sugars, A. Malik, M. Roos and W. Voelter, *Z. Naturforsch.* 40b, 559 (1985).
247. Efficient one pot synthesis of some new diazidodeoxy sugars, G. Janairo, A. Malik and W. Voelter, *Liebigs Ann. Chem.* 653 (1985) (presently published as *European Journal of Organic Chemistry*).
248. Syntheses von-D-Forosamin aus D-Glukose, W. Voelter, A. Malik and N. Afza, *Z. Naturforsch.* 39b, 405 (1984).
249. Classical synthesis of a new class of compounds via coupling of sugars and amino acids, A. Malik, W. Kowollik, P. Scheer, N. Afza and W. Voelter, *Chem. Commun.* 1229 (1984).
250. Novel syntheses of 4-amino and 4,6-diamino sugars, constituents of amino sugar antibiotics, A. Malik, N. Afza and W. Voelter, in "Biologically Active Principles of Natural Products", Ed: W. Voelter and D. G. Daves, George Theme Verlag, New York, p. 230-236 (1984).
251. A new efficient access to aminodeoxy sugars, A. Malik, N. Afza, M. Roos and W. Voelter, *Chem. Commun.* 1530 (1984).

