















25. Khan, H. & Khan, M. A. (2014). Antiulcer Effect of Extract/Fractions of *Eruca sativa*: Attenuation of Urease Activity. *Journal of Evidence-Based Complementary & Alternative Medicine*,19(3) 176-180.
26. Koubaa, M., Driss, D., Bouaziz, F., Ghorbel, R. E., & Chaabouni, S.E. (2015). Antioxidant and antimicrobial activities of solvent extract obtained from rocket (*Eruca sativa* L.) flowers. *Free Rad. Antiox.* 5(1): 29–34.
27. Kwon, S.H., Kim, H.C., Lee, S.Y., & Jang, C.G. (2009). Loganin improves learning and memory impairments induced by scopolamine in mice. *Eur J Pharmacol.*619:44-9.
28. Lamy, E., Schröder, J., Paulus, S, Brenk, P., Stahl, T.& Mersch-Sundermann, V. (2008). Antigenotoxic properties of *Eruca sativa* (rocket plant), erucin and erysolin in human hepatoma (HepG2) cells towards benzo (a) pyrene and their mode of action. *Food and Chemical Toxicology* 46:2415–2421.
29. Lynn, A., Collins, A., Fuller, Z., Hillman, K., Ratcliffe, B. (2006). Cruciferous vegetables and colo-rectal cancer. *Proc. Nutr. Soc.*, 65: 135-144.
30. Michael, H. N., Shafik, R. E., & Rasmy, G. E. (2011). Studies on the chemical constituents of fresh leaf of *Eruca sativa* extract and its biological activity as anticancer agent in vitro. *J. Med. Plant. Res.* 5(7), 1184–1191.
31. Morel, Y., & Barouki, R. (1998). Down-regulation of Cytochrome P450 1A1 Gene Promoter by Oxidative Stress. *The Journal of Biological Chemistry* 273(41), 26969–26976.
32. Mount, C., & Downton, C. (2006). Alzheimer's disease: progress or profit?. *Nat Med* 12:780-4.
33. Nowfel, A.J.& Al-Okaily, B.N. (2017). Oxidative Stress: Role of *Eruca sativa* Extract on Male Reproduction in Rats. *Adv. Anim. Vet. Sci.* 5(1): 39-46.
34. Okasha, M. A. M., Abubakar, M. S.,& Bako, I. G. (2008). Study of the Effect of Aqueous *Hibiscus Sabdariffa* Linn Seed Extract on Serum Prolactin Level of Lactating Female Albino Rats. *European Journal of Scientific Research*,22(4) :575-583.
35. Olson, H., Betton, G., Robinson, D., Thomas, K., Monro, A., Kolaja, G. et al. (2000). Concordance of toxicity of pharmaceuticals in humans and in animals. *Reg Toxicol Pharmacol.*,32:56–67.
36. Poljsak, B., Šuput, D., & Milisav, I. (2013). Achieving the Balance between ROS and Antioxidants: When to Use the Synthetic Antioxidants. *Oxidative Medicine and Cellular Longevity* 2013: 1-11.
37. Pooja, S., College, S. D., No, H., & High, P. (2016). Antioxidants and its Role in Periodontitis - A Short Review. *J. Pharm. Sci. & Res* 8(8), 759–763.
38. Rafatullah, S., AlSheikh, A., Alqasoumi, S., Al-Yahya, M., El-Tahir, K., Galal, A. (2008). Protective effect of fresh radish juice (*Raphanus sativus* L.) against carbon tetrachloride induced hepatotoxicity. *Int. J. Pharmacol.*, 4: 1-5.
39. Rahman, K. (2007). Studies on free radicals, antioxidants, and cofactors. *Clinical Interventions in Aging*, 2(2): 219–236.
40. Rajendran, P., Nandakumar, N., Rengarajan,T., Palaniswami, R., Gnanadhas, E.N.; Lakshminarasaiiah, U., ; Gopas., J.,& Nishigaki, I. (2014). Antioxidants and human diseases. *Clinica Chimica Acta.*436 (25): 332-347.
41. Rani, I., Akhund, S., Suhail, M., & Abro, H. (2010). Antimicrobial Potential of Seed Extract of *Eruca Sativa*. *Pak. J. Bot.* 42(4), 2949–2953.
42. Rizwana, H., Alwhibi, M.S., Khan, F., & Soliman, D. A. (2016). Chemical Composition and Antimicrobial Activity of *Eruca sativa* Seeds Against Pathogenic Bacteria and Fungi. *The J. Anim. Plant Sci.* 26(6), 1859–1871.
43. Ruttkay-nedecky, B., Nejdil, L., Gumulec, J., Zitka, O., Masarik, M., Eckschlager, T., Stiborova, M., Adam, V. & Kizek, R. (2013). The Role of Metallothionein in Oxidative Stress. *Int. J. Mol. Sci.* 14: 6044–6066.
44. Saad, B., Azaizeh, H., Abu-Hijleh, G., & Said, O. (2006). Safety of Traditional Arab Herbal Medicine. *eCAM*, 3(4)433–439.
45. Sadiq, A., Hayat, M.Q.,& Mall, S. M. (2014). Qualitative and Quantitative Determination of Secondary metabolites and Antioxidant Potential of *Eruca sativa*. *Nat Prod Chem Res.*,2(4):1-7.
46. Saleh, M. M., Qader, S.W.& Thaker, A. A. (2016). Gastroprotective Activity of *Eruca Sativa* Leaf Extract on Ethanol-Induced Gastric Mucosal Injury in Rattus Norvegicus. *JJBS* 9(1):47 – 52.
47. Santes-palacios, R., Ornelas-ayala, D., Cabañas, N., Marroquín-Pérez, A., Hernández-Magaña, A., Olguín-Reyes, S. R., Camacho-Carranza,R.,& Espinosa-Aguirre, J. J. (2016). Regulation of Human Cytochrome P4501A1 (hCYP1A1): A Plausible Target for Chemoprevention?. *BioMed Research International.*, 2016: 1-17.
48. Sarwar, A. M., Kaur, G., Jabbar, Z., Javed, K., Athar, M. (2007). *Eruca sativa* seeds possess antioxidant activity and exert a protective effect on mercuric chloride induced renal toxicity. *Food Chem Toxicol.*45(6): 910–20.
49. Sato, T., Onse, Y., Nagase, H., and Kito, H. (1990). Mechanism of antimutagenicity of aquatic plant extracts against (benzo (a) yrene) in the *Samonella* assay. *J. Mut. Res.*, 241:283-290.
50. Serafini, M. & Rio, D.D. (2004). Understanding the association between dietary antioxidants, redox status and disease: is the Total Antioxidant Capacity the right tool?. *Redox Report Communications in Free Radical Research*, 9 (3): 145-152.
51. Shaban, N., Abdel-Rahman, S., Haggag, A., Awad, D., Bassiouny, A., Talaat, I. (2016). Combination between Taxol-Encapsulated Liposomes and *Eruca sativa* Seed Extract Suppresses Mammary Tumors in Female Rats Induced by 7,12 Dimethylbenz (α) anthracene. *Asian Pac J Cancer Prev.*,17 (1), 117-123.
52. Slaughter, R.L., Edwards, D.J. (1995). Recent advances: The cytochrome P450 enzymes. *Ann Pharmacother.*,29:619-24.
53. Tiwari, B. K., Pandey, K. B., Abidi, A. B., & Rizvi, S. I. (2013). Markers of Oxidative Stress during Diabetes Mellitus. *Journal of Biomarkers*, 2013:1-8.
54. Ugur, A., Süntar, I., Aslan, S., Orhan, I. E., Kartal, M., Sekeroglu, N., Esiyok, D., & Bilge Sener, B. (2010). Variations in fatty acid compositions of the seed oil of *Eruca sativa* Mill. caused by different sowing periods and nitrogen forms. *Phcog. Mag.*, 6 (24): 305-308.
55. Velloso, J., R., Regasini, L. O., Khalil, N. M., Silva, V., Khalil, O. A. K., Manente, M. M, Netto, H.P., & Oliveira2, M. M. (2011). Antioxidant and cytotoxic studies for kaempferol, quercetin and isoquercitrin. *Ecl. Quím., São Paulo*, 36, (2): 7–20.
56. Wilkinson, G.R. (2005). Drug metabolism and variability among patients in drug response. *N.Engl. J. Med.*,352:2211-21.
57. Yaniv, Z., Schaffer, D., Amar, Z. (1998). Tradition, uses and biodiversity of rocket (*Eruca sativa*, Brassicaceae). *Econ. Bot.*, 52(4): 394–400.