

自由基分析儀論文一覽表

1. Free-radical scavenging effect of water-soluble[6] fullerenols in whole blood associated with gastric cancer. Proc Electrochem Soc. 95, 699-706, 1995.
Long Y Chiang, Fung-Jou Lu, Jaw-Town Lin.
2. Free-radical scavenging activity of water-soluble fullerenols.
J Chem Soc Chem Commun 1283-1284, 1995.
Long Y Chiang, Fung-Jou Lu and Jaw-Town Lin. (LP80)
3. A simple, sensitive, non-stimulated photon counting system for detection of superoxide anion in whole blood. Experientia 52, 141-144, 1996.
F-J, Lu, J-T, Lin, H-P. Wang and W-C Huang. (LP74)
4. A simple chemiluminescence assay for detecting oxidative stress in ischemic limb injury. Free Radical Biology and Medicine 20, 107-112, 1996.
Jui Sheng Sun, Yi-Shong Hang, Iung-Huey Hang and Fung-Jou Lu. (LP68)
5. Increase of resting levels of superoxide anion in the whole blood of patients with decompensated liver cirrhosis.
Free Radical Biology and Medicine 23, 672-679, 1997.
Ming-Feng Chen, Lein-Ray Mo, Ruey-Chang Lin, Jenn-Yuan Kuo, Kuo-Kuan Chang, Chen Liao and Fung-Jou Lu. (LP102)
6. Menadione-induced cytotoxicity to rat osteoblasts.
CMLS. Cell mol life science 53, 967-976, 1997.
J-S Sun, Y-H Tsuang, W-C Hang, L-T Chen, Y-S Hang and F-J Lu.
7. Superoxide anion scavenger effect of *Quercus glauca* Thunb, in whole blood of patients with Ankylosing Spondylitis.
Am J-chinese Med xxv 3-4, 307-315, 1997.
Shiow-Yunn Sheu, Yang-Hwei Tsang, Feng-Lin Hsu, Fung-Jou Lu and Hsueh-Ching Chiang.

8. Oxidative stress; An important phenomenon with pathogenetic significance in the progression of acute pancreatitis. GUT 41, 850-855, 1998.
K Tsai, S-S Wang, T-Schen, C-W Kong, F-Y Chang, S-D lee, F-J Lu. (LP115)

9. An ultra-weak chemiluminescence study on oxidative stress in rabbits following acute thermal injury. BURNS 24, 225-231, 1998.
Jui-Sheng Sun, Yang-Hwei Tsuang, J-Jen Chen, Wan-Ching Huang, Yi-Sheng Hang, Fung-Jou Lu. (LP114)

10. Oxidative stress induced by humic acid solvent Extraction fraction in cultured rabbit articular chondrocytes. J Toxicol and Environ Health part A, 477-489, 1998.
Huey Jie Liang, Ching-Ling Tsai, Fung-Jou Lu.

11. Increase in Resting Levels of Superoxide Anion in the Whole Blood of Uremic Patients on Chronic Hemodialysis. Blood Purif 1998;16:290-300, 1998.
Ming-Feng Chen, Chi-Lin Chang, Shaw-Yin Liou. (LP117)

12. Anticonvulsive and free radical scavenging actions of two herbs, *uncaria rhynchophylla* (miq) jack and *gastrodia elata* bl., in kainic acid-treated rats.
Life Sciences, Vol. 65, No. 20, pp. 2071-2082, 1999
Ching-Liang Hsieh, Nou-Ying Tang, Su-Yin Chiang, Ching-Tou Hsieh and Jaung-Genglin. (LP121)

13. Antioxidant status following acute ischemic limb injury: a rabbit model.
FREE RADICAL RESEARCH VOL 31, PP9-21,1999
Jui-Sheng Sun, Fung-Jou Lu, Wan-Ching Huang, Sheng-Mou Hou, Yang-Hwei Tsuang and Yi-Shiong Hang. (LP125)

14. Scavenging effect of benzophenones on the oxidative stress of skeletal muscle cells.
Free Radical Biology & Medicine, Vol. 26, Nos. 9/10, pp.1100-1107, 1999
Jui-Sheng Sun, Ko-Ming Shieh, Hsueh-Ching Chiang, Shiow-Yunn Sheu, Yi-Shiong Hang, Fung-Jou Lu, and Yang-Hwei Tsuang. (LP126)

15. Roles of oxygen radicals and elastase in citric acid-induced airway constriction of guinea-pigs
British Journal of Pharmacology (1999) 126, 778-784
Y.-L. Lai, W.-Y. Chiou, F.J. Lu, & L. Y. Chiang. (LP127)

16. Effects of Methionine-Induced Hyperhomocysteinemia on Endothelium-Dependent Vasodilation and Oxidative Status in Healthy Adults
Circulation (Journal of the American Heart Association) Vol. 101, No 5, February 8, 2000 P485~P490
Chia-Lun Chao, MD; Tsung-Li Kuo, MD, PhD; Yuan-The Lee, MD, PhD. (LP132)

17. The oxidative metabolism of circulating phagocytes in ankylosing spondylitis: determination by whole blood chemiluminescence
Ann Rheum Dis 2000; 59, 228-341
Kuo-Jang Ho, Po-Quang Chen, Chiung-Yu Chang, Fung-Jou Lu. (LP136)

18. Is the endogenous peroxy-radical scavenging capacity of plasma protective in systemic inflammatory disorders in humans?
Free Radical Biology & Medicine, Vol. 28, No. 6, pp. 926-933, 2000
Kelvin Tsai, Tai-Ger Hsu, Chi-Woon Kong, Kuan-Chia Lin, and Fung-Jou Lu. (LP135)

19. Anticonvulsive and free radical scavenging activities of vanillyl alcohol in ferric chloride-induced epileptic seizures in Sprague-Dawley rats
Life Sciences, Vol. 67, pp. 1185-1195, 2000
Ching-Liang Hsieh, Chin-Hsien Chang, Su-Yin Chiang, Tsai-Chung Li, Nou-Ying Tang, Chu-Zong Pon, Ching-Tou Hsieh, Janug-Geng Lin (LP144)

20. *De Novo* Demonstration and Co-localization of Free-Radical Production and Apoptosis Formation in Rat Kidney Subjected to Ischemia/Reperfusion.
Journal of the American Society of Nephrology, Vol. 12, pp. 973-982, 2001
Chang-Ting Chien, Po-Hung Lee, Chau-Fong Chen, Ming-Chieh Ma, Ming-Kuen Lai, and Su-Ming Hsu. (LP148).

21. Hyperpnea-induced production of TBHP-initiated chemiluminescence in guinea pigs.
Life Sciences, Vol. 70, pp. 1271-1277, 2002
Yih-Loong Lai, Wen-Yi Chiou, Fung-Jou Lu (LP150)

22. Free Radical Scavenging Properties of Sulfinpyrazone.
Free Radical Research, pp. 1-9, 2002
Mei-Ling Yang, Tien-Shang Huang, Yashang Lee, Fung-Jou Lu. (LP151)

23. 不穩定心絞痛患者其自由基和介白素-6 之相關性
內科學誌 2002 : 13 : P230~P236
張嘉佑醫師 (LP153)
24. Changes in the oxidant-antioxidant balance in the kidney of rats with nephrolithiasis included by ethylene glycol:
The Journal of urology Vol 167 2002, 2584-2593
Ho-Shiang Huang, Ming-Chien Ma, Jun Chen , Chau-Fong Chen. (LP158)
25. Small propofol sedation attenuates the formation of reactive oxygen species in tourniquet-induced ischemia-reperfusion injury spinal anesthesia
Anesth Analg , Vol. 94, pp. 1617-1620, 2002
Yu-Jung Cheng, Yong-ping Wang, Chiang-Ting Chien, and Chau-Fong Chen. (LP159)
26. Hypoxic preconditioning enhances renal superoxide dismutase levels in the rats
J. Physiol, Vol. 552.2, pp. 561-569, 2003
Chau-Fong Chen, Su-Yi Tsai, Ming-Chieh Ma, Ming-Shiou Wu (LP160)
27. 4-Hydroxytamoxifen attenuates methamphetamine-induced nigrostriatal dopaminergic toxicity in intact and gonadectomized mice
Journal of neurochemistry , Vol. 87, pp. 1436-1443, 2003
Yu-Min Kuo, Hsiang-Hua Chen, Chih-Chang Shieh, Kuo-Pin Chuang, Chian-Fang G, and Lung Yu. (LP161).
28. Hypoxia preconditioning attenuates bladder overdistension-induced oxidative injury by up-regulation of BCL-2 in the rat
J Physiol , Vol. 554.3, pp. 815-828, 2003
Hong-Jeng Yu, Chiang-Ting Chien, Yu-Jen Lai, Ming-Kuen Lai, Chau-Fong Chen, Robert M Levin, and Su-Ming Hsu. (LP169).
29. Substance P via NK1 receptor facilitates hyperactive bladder afferent signaling via action of ROS
AM J Physiol Renal Physiol , Vol. 284, pp. 840-851, 2003
Chiang-Ting Chien, Hong-Jeng Yu, Tser-Bin Lin, Ming-Kuen Lai and Su-Ming Hsu. (LP167).

30. Reduced hemodialysis-induced oxidative stress in end-stage renal disease patients by electrolyzed reduced water
Kidney International , Vol. 64, pp. 704-714, 2003
Kuo-Chin Huang, Chih-CHing Yang, Kun-Tai Lee, and Chiang-Ting Chien. (LP173).

31. Antioxidant Activity of Fermented Soybean Extract
Journal, Agric, Food Chem , Vol. 52, pp. 5735-5739, 2004
Chih-Chieh Hu, Ching-Huang Hsiao, Sin-Yi Huang, Sheng-Hwa Fu, Chih-Chia Lai, Tzu-Ming Hong, Hwei-Hsien Chen, and Fung-Jou Lu. (LP156).

32. Mast cells and reactive oxygen species in citric acid-induced airway constriction
Journal, Apply Physiol , Vol. 96, pp. 1879-1885, 2004
Li-Ling Wu, Fung-Jou Lu, and Yich-Loong Lai. (LP162).

33. Adjunctive 17 β -estradiol administration reduces infarct size by altered expression of canine myocardial connexin 43 protein
Cardiovascular Research , Vol. 63, pp. 109-117, 2004
Tsung-Ming Lee, Mei-Shu Lin, Tsai-Fwu Chou, Chang-Her Tsai, and Nen-Chang Chang. (LP164).

34. Ascorbate Supplement Reduces Oxidative Stress in Dyslipidemic Patients Undergoing Apheresis
Thromb Vasc. Biol. , Vol. 24, pp. 1111-1117, 2004
Chiang-Ting Chien, Wei-Tien Chang, Heui-Wen Chen, Tzung-Dau Wang, Shaw-Yih Liou, Tzay-Jinn Chen, Yen-Lin Chang, Yuan-The Lee and Su-Ming Hsu. (LP165).

35. Sesame oil protects against lipopolysaccharide-stimulated oxidative stress in rats
Crit Care Med , Vol. 32, pp. 227-231, 2004
Dur-Zong Hsu, and Ming-Yie Liu. (LP166).

36. Catechins prevents substance P-induced hyperactive bladder in rats via the downregulation of ICAM and ROS
Neuroscience Letters , Vol. 367, pp. 213-217, 2004
Wang-Chuan Chen, Satoshi Hayakawa, Kazufumi Shimizu, Chiang-Ting Chien and Ming-Kuen Lai. (LP172).

37. Detection of defective granulocyte function with flow cytometry in newborn infants
Journal Microbiol immunol infect , Vol. 38, pp. 17-24, 2005
Yu-Ching Wu, Yu-Fung Huang, Chyi-Her Lin, and Chi-Chang Shieh. (LP163).

38. Adenovirus-Mediated bcl-2 Gene Transfer Inhibits Renal Ischemia/Reperfusion Induced Tubular Oxidative Stress and Apoptosis
American Journal of Transplantation, Vol. 5, pp. 1194-1203, 2005
Chien Chiang-Ting , Chang Tau-Ching, Tasi Ching-Yi, Shyue Song-Kuen and Lai Ming-Kuen. (LP168).
39. Sympathetic vesicovascular reflex induced by acute urinary retention evokes proinflammatory and proapoptotic injury in rat liver
Am J Physiol Renal Physiol , Vol. 288, pp. 1005-1014, 2005
Hong-Jeng Yu, Bor-Ru Lin, Hsuan-Su Lee, Chia-Tung Shun, Chih-Ching Yang, Ting-Yu Lai, Chiang-Ting Chien and Su-Ming Hsu. (LP170).
40. Inducible nitric oxide synthase evoked nitric oxide counteracts capsaicin-induced airway smooth muscle contraction, but exacerbates plasma extravasation
Neuroscience Letters , Vol. 378, pp. 117-122, 2005
Ping-Chia Li, Chen-Fu Shaw, Tin-Fan Kuo, Chiang-Ting Chien. (LP171).