

(A) 期刊論文

1. Chao-Hung Chen, Liang-Yin Ke,§ Hua-Chen Chan, An-Sheng Lee, Kun-Der Lin, Chih-Sheng Chu, Mei-Yueh Lee, Pi-Jung Hsiao, **Chin Hsu**, Chu-Huang Chen, and Shyi-Jang Shin\* (2016): Electronegative Low-Density Lipoprotein Induces Renal Apoptosis and Fibrosis: STRA6 Signaling Involved. *Journal of Lipid Research*, 57: 1435-1446. (Impact factor: 4.368, Ranking: 67/289, BIOCHEMISTRY & MOLECULAR BIOLOGY)
2. Li-Fang Wang, Kazunari K. Yokoyama, Chih-Lung Lin, Tzu-Yin Chen, Hsiu-Wen Hsiao, Pei-Chi Chiang and **Chin Hsu**\* (2016): Knockout of *ho-1* protects the striatum from ferrous iron-induced injury in a male-specific manner in mice. *Scientific Reports*, 6: 26358, DOI: 10.1038/srep26358. (Impact factor: 5.228, Ranking: 7/62, MULTIDISCIPLINARY SCIENCES )
3. Daniel J Klionsky, ...**Chin Hsu**, ... et al., (2016): Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, 12 (1): 1-222. (Impact factor: 9.108, Ranking: 19/187, Cell Biology)
4. Yu-Sheng Liu, Ru-You Cheng, Yu-Lun Lo, **Chin Hsu**, Su-Hwei Chen, Chien-Chih Chiu and Li-Fang Wang\* (2016): Distinct CPT-induced deaths in lung cancer cells caused by clathrin-mediated internalization of CP micelles. *Nanoscale*, 8, 3510–3522. (Impact factor: 7.76, Ranking: 8.49% (23/271), MATERIALS SCIENCE, MULTIDISCIPLINARY)
5. Li-Fang Wang, Kazunari K. Yokoyama, Tzu-Yin Chen, Hsiu-Wen Hsiao, Pei-Chi Chiang, Ya-Ching Hsieh, Steven Lo, **Chin Hsu**\*, 2015, “Male-specific alleviation of iron-induced striatal injury by inhibition of autophagy” *PLOS ONE* 10(7): e0131224.doi:10.1371/journal.pone.0131224 (Impact factor: 3.057, Ranking: 17.74% (11/62), MULTIDISCIPLINARY SCIENCES)
6. Guo-Jing Chen, **Chin Hsu**, Jyun-Han Ke, and Li-Fang Wang\* (2015): Imaging and Chemotherapeutic Comparisons of Iron Oxide Nanoparticles Chemically and Physically Coated with Poly(ethylene glycol)-b-Poly(ε-caprolactone)-g-Poly(acrylic acid). *J Biomed Nanotechnology* 11, 951-963. (Impact factor: 3.929, Ranking: 24.24% (8/33) in subject of MATERIALS SCIENCE, BIOMATERIALS)
7. Yu-San Chang, Yu-Hsuan Wu, Mei Rou Lu, Chung-Yao Hsu, Ching-Kuan Liu\*, **Chin Hsu** (2015): Did a brief nap break have positive benefits on information processing among nurses working on the first 8-h night shift? *Applied Ergonomics* 48: 104e108. (Impact factor: 1.713, Ranking: 31.82% (14/44) in subject of ENGINEERING, INDUSTRIAL)

8. Guo-Jing Chen, Ying-Zhen Su, **Chin Hsu**, Yu-Lun Lo, Shih-Jer Huang, Jyun-Han Ke, Yung-Chih Kuoc and Li-Fang Wang\*(2014): Angiopep-pluronic F127-conjugated superparamagnetic iron oxide nanoparticles as nanotheranostic agents for BBB targeting. *Journal of Materials Chemistry B*. 2, 5666–5675. (Impact factor:4.872, Ranking: 12.12% (4/33) in subject of MATERIALS SCIENCE, BIOMATERIALS)
9. Chih-Wen Lin, Steven Lo, **Chin Hsu**, Chi-Hsun Hsieh, Ya-Fang Chang, Bao-Sheng Hou, Ying-Hsien Kao, Chih-Che Lin, Ming-Lung Yu, Shyng-Shiou Yuan\*, Ya-Ching Hsieh (2014): T-Cell Autophagy Deficiency Increases Mortality and Suppresses Immune Responses after Sepsis. *PLoS ONE* 9(7): e102066. (Impact factor: 3.057, Ranking: 17.74% (11/62), MULTIDISCIPLINARY SCIENCES)
10. Ke-Li Tsai, Hsin-Jen Liang, Zheng-Dao Yang, Sheng-I Lue, Shaw-Lang Yang, and **Chin Hsu**\* (2014): Early inactivation of PKC $\epsilon$  associates with late mitochondrial translocation of Bad and apoptosis in ventricle of septic rat. *Journal of Surgical Research*. 186: 278-286. (Impact factor:2.198, Ranking: 30.5% (61/200) in subject of Surgery)
11. Steven Lo MA , Shyng-Shiou F. Yuan, **Chin Hsu**, Yu-Jen Cheng, Ya-Fang Chang, Hsiang-Wei Hsueh, Po-Huang Lee, Ya-Ching Hsieh (2013): LC3 transgene improves survival and attenuates lung injury through increasing autophagosomal clearance in septic mice. *Annals of surgery*. 257(2):352-363 (Impact factor: 8.569, Ranking: 0.3% (1/200) in subject of Surgery)
12. Maw-Shung Liu, Rei-Cheng Yang, **Chin Hsu**, Yen-Hsu Chen, Chia-Hsiung Liu, and Yuefang Zhou (2013): Changes in group II phospholipase A2 gene expression in rat heart during sepsis. *Journal of Surgical Research*. May 15; 181(2):272-8. (Impact factor:2.198, Ranking: 30.5% (61/200) in subject of Surgery)
13. Li-Ching Chen, **Chin Hsu**, Chuang Chin Chiueh, Wen-Sen Lee (2012): Ferrous citrate up-regulates the NOS2 through nuclear translocation of NF $\kappa$ B induced by free radicals generation in mouse cerebral endothelial cells. *PLoS ONE* 7(9): e46239. (Impact factor: 3.057, Ranking: 17.74% (11/62), MULTIDISCIPLINARY SCIENCES)
14. Chiu-Wei Chen, Tzu-Yin Chen, Ke-Li Tsai, Chih-Lung Lin, Kazunari K Yokoyama, Wen-Sen Lee, Chuang Chin Chiueh, **Chin Hsu**\*(2012): Inhibition of autophagy as a therapeutic strategy of iron-induced brain injury after hemorrhage. *Autophagy* 8: 10, 1510-20. (Impact factor: 9.108, Ranking: 10.16% (19/187) in subject of Cell Biology)
15. Ke-Li Tsai, Chih-Lung Lin, **Chin Hsu**\* (2012): Is gender-specific therapy necessary for patients of hemorrhagic stroke? *J Exp Clin Med* 4(6): 309-312

16. Hsiu-Wen Hsiao, Ke-Li Tsai, Li-Fang Wang, Yen-Hsu Chen, Pei-Chi Chiang, Shu-Mien Chuang, **Chin Hsu\*** (2012): The decline of autophagy contributes to proximal tubular dysfunction during sepsis. *Shock* 2012 Mar; 37(3):289-96. (Impact factor: 3.048, Ranking: 16.16% (33/200) in subject of Surgery)
17. Wei-Shan Chien, Yen-Hsu Chen, Pei-Chi Chiang, Hsiu-Wen Hsiao, Shu-Mien Chuang, Sheng-I Lue, **Chin Hsu\*** (2011): Suppression of autophagy in rat liver at late stage of polymicrobial sepsis. *Shock* 35(5): 506-511 (Impact factor: 3.048, Ranking: 16.16% (33/200) in subject of Surgery)
18. Yi-Tseng Lin, Yen-Hsu Chen, Yi-Hsin Yang, Hsiao-Ching Jao, Yoshimitsu Abiko, Kazushige Yokoyama and **Chin Hsu\*** (2010): Heme oxygenase-1 suppresses the infiltration of neutrophils in rat liver during sepsis through inactivation of p38 MAPK. *Shock* 34 (6): 615-621. (Impact factor: 3.048, Ranking: 16.16% (33/200) in subject of Surgery)
19. Tzu-Yin Chen, Ke-Li Tsai, Tzu-Ying Lee, Chuang Chin Chiueh, **Wen-Sen Lee\***, and **Chin Hsu\*** (2010): Sex-specific role of thioredoxin in neuroprotection against iron-induced brain injury conferred by estradiol. ***Stroke***: 41(1): 160-5. (Impact factor: 5.787; Ranking: 7.77% (15/193) in subject of Clinical Neurology)
20. Kay LH Wu, **Chin Hsu**, Julie YH Chan\* (2009): Nitric oxide and superoxide anion differentially activate poly (ADP-ribose) polymerase-1 and Bax to induce nuclear translocation of apoptosis-inducing factor and mitochondrial release of cytochrome c after spinal cord injury. *J Neurotrauma*. 26(7):965-77 (Impact factor: 4.377; Ranking: 17.10% (33/193) in subject of Clinical Neurology)
21. Bi-Chun Chen, Kon-Kai Ku, Yen-Hsu Chen, Chia-Hsiung Liu, Li-Yen Tsai, Hseng-Kuang Hsu, **Chin Hsu\*** (2009) Retinoid X receptor  $\alpha$  participation in dexamethasone induced rat bile acid coenzyme A-amino acid N-acyltransferase expression in septic liver. *Shock*. 32(2): 164-171 (Impact factor: 3.048, Ranking: 16.16% (33/200) in subject of Surgery)
22. Jih-Yang Ko\*, Feng-Sheng Wang, Hsuan-Ying Huang, Ching-Jen Wang, Shin-Ling Tseng, **Chin Hsu** (2008): Increased IL-1 expression and myofibroblast recruitment in subacromial bursa is associated with rotator cuff lesions with shoulder stiffness. *J Orthop Res*. 26: 1090-1097 (Impact factor: 2.986, Ranking: 12.5% (9/72) in subject of Orthopedics)
23. Chiu-Hung Yeh, Liang-Yi Hung, **Chin Hsu**, Shu-Yun Le, Pin-Tse Lee, Wan-Lin Liao, Yi-Tseng Lin, Wen-Chang Chang and Joseph T Tseng (2008) RNA-binding protein HuR interacts with thrombomodulin 5'UTR and represses IRES-mediated translation under IL-1 treatment. *Molecular Biology of the Cell*. 19(9):3812-22 (IF: 4.466, Ranking: 32.61% (60/184) in subject of Cell Biology) MOLECULAR BIOLOGY OF THE CELL

24. Chen YH, Hong IC, Kuo KK, Hsu HK, **Hsu Chin\***. (2007) Role of retinoid X receptor  $\alpha$  in the suppression of rat bile acid CoA: amino acid N-acyltransferase in liver during sepsis. *Shock* 28(1): 65-70. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
25. Yen-Ling Sheh, **Chin Hsu**, Samuel H.H. Chan, Julie Y.H. Chan\* (2007) NADPH oxidase- and mitochondrion-derived superoxide at rostral ventrolateral medulla in endotoxin-induced cardiovascular depression. *Free Radical Biology & Medicine* 42 (2007) 1610-1623 (IF: 5.736, Ranking: 12.5% (16/128) in subject of Endocrinology & Metabolism)
26. Li-Ju Huang, **Chin Hsu**, Tsen-Ni Tsai, Shu-Jung Wang, Rei-Cheng Yang\* (2007) Suppression of mitochondrial ATPase inhibitor protein (IF1) in the liver of late septic rats. *Biochimica et Biophysica Acta* 1767(7): 888-896 (IF: 5.019, Ranking: 17.65% (51/289) in subject of Biochemistry & Molecular Biology)
27. Tzu-Ying Lee, Ke-Li Tsai, Wen-Sen Lee\*, **Chin Hsu\*** (2007) The molecular events occur during MK-801-induced cytochrome oxidase subunit II down-regulation in GT1-7 cells. *J Mol Endocrinol.* 39(1): 53-66. (IF: 3.081, Ranking: 46.88% (60/128) in subject of Endocrinology & Metabolism)
28. **Hsu C**, Wu G, Yang SL, Hsu HK, Yang RC, Tang C, Liu MS\* (2007) Intracellular Redistribution of Dihydropyridine Receptor in the Rat Heart During the Progression of Sepsis. *J Surg Res.* 141: 146-152 (Impact factor: 1.936, Ranking: 39.39% (78/198) in subject of Surgery)
29. Wu K.L.H., **Hsu Chin.\*** and **Chan J.Y.H.\*** (2007) Impairment of the mitochondrial respiratory enzyme activity triggers sequential activation of apoptosis-inducing factor-dependent and caspase-dependent signaling pathways to induce apoptosis after spinal cord injury. *Journal of Neurochemistry*, 101(6):1552-66 (IF: 4.281, Ranking: 21.83% (55/252) in subject of Neuroscience)
30. Huei-Chuan Shih, Chih-Lung Lin, Tzu-Ying Lee, **Wen-Sen Lee\***, **Chin Hsu\***. (2006)  $17\beta$ -Estradiol Inhibits Subarachnoid Hemorrhage-Induced iNOS Gene Expression by Interfering the Nuclear Factor Kappa B Transactivation. **Stroke**, 37(12):3025-31. (SCI) (Impact factor: 5.723; Ranking: 6.77% (13/192) in subject of Clinical Neurology)
31. Chih-Lung Lin, Huei-Chuan Shih, Aaron S Dumont, Ann-Shung Lieu, Yu-Feng Su, Shen-Long Hwong, **Chin Hsu\***. (2006): The effect of  $17\beta$ -estradiol in attenuating experimental subarachnoid hemorrhage-induced cerebral vasospasm. *Journal of Neurosurgery.* 104:298–304. (SCI) 計劃編號: NSC-91-2320-B-230-001 and NSC-91-2314-B-037-309. (Impact factor: 3.737; Ranking: 10.10% (20/198) in subject of Surgery)

32. Dong HP, Chen HW, **Hsu Chin**, Chiu HY, Lin LC, Yang RC\*. (2005): Previous heat shock treatment attenuates lipopolysacchride-induced hyporesponsiveness of platelets in rats. *Shock*: 24(3): 239-244. (SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
33. Hsieh, Ya-Ching; Hsu, Hseng-Kuang; Jao, Hsiao-Ching; Huang, Li-Ju; **Hsu, Chin\***(2005): Role of CREB Phosphorylation in Hepatic Apoptosis under PKC $\alpha$  Suppression during Sepsis. *Shock* 24(4): 357-363. (SCI) 計劃編號: NSC92-2745-B037-002 and NSC93-2321-B-037-002. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
34. Mei-Ling Ho, Tsen-Ni Tsai, Je-Ken Chang, Tin-Sin Shao, Yung-Ru Jeng, **Chin Hsu\***.(2005): Down regulation of N-methyl-D-aspartate receptor in rat modeled osteopenia. *Osteoporosis International* 16: 1780-1788. (SCI). (Impact factor: 4.169; Ranking: 25.78% (33/128) in subject of Endocrinology & Metabolism)  
OSTEOPOROSIS INTERNATIONAL
35. Hsiao-Ching Jao, Yi-Tseng Lin, Li-Yu Tsai, Chao-Chuan Wang, Hong-Wen Liu, **Chin Hsu\***. (2005): Early expression of heme oxygenase-1 in leukocytes correlates negatively with oxidative stress and predicts hepatic and renal dysfunction at late stage of sepsis. *Shock* 23(5):464-469. (SCI) 計劃編號: NSC-91-2320-B-230-001 and NSC-92-2745-B-037-002. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
36. Hseng-Kuang Hsu, Pei-Lin Shao, Ke-Li Tsai, # Huei-Chuan Shih, Tzu-Ying Lee and **Chin Hsu\***. (2005): Gene regulation by NMDA receptor activation in the SDN-POA neurons of male rats during sexual development. *J Mol Endocrinol* 34: 433-445. (SCI) 計劃編號: NSC-91-2320-B-037-020 (IF: 3.081, Ranking: 46.88% (60/128) in subject of Endocrinology & Metabolism)
37. Hsieh YC, **Hsu C**, Yang RC, Lee PY, Hsu HK, Sun YM\*. (2004): Isolation of bona fide differentially expressed genes in the 18-hour sepsis liver by suppression subtractive hybridization. *Shock*. 21(6): 549-55. 計劃編號: NSC-90-2320-B-037-025. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
38. Shaw-Lang Yang, Yu-Yang Chen, Ya-Lun Hsieh, Su-Hwa Jin, Hseng-Kuang Hsu, **Chin Hsu** (2004): Perinatal androgenization prevents age-related neuron loss in the sex-dimorphic nucleus of the preoptic area (SDN-POA) in female rats. *Dev Neurosci*. 26: 54-60. (SCI) 計劃編號: NSC-89-2320-B037-018. (Impact factor: 2.697, Ranking: 46.34% (19/41) in subject of Developmental Biology)
39. Yang RC, Jao HC, Huang LJ, Wang SJ, **Hsu C\*** (2004): The essential role of PKC $\alpha$  in the protective effect of heat shock pretreatment on the TNF $\alpha$ -induced apoptosis in hepatic epithelial cell line. *Exp Cell Res*. 296:276-284. (SCI) 計劃編

- 號: NSC-91-2745-B-037-002. (Impact factor: 3.246, Ranking: 40.76%(86/211) in subject of Oncology)
40. Wu G, Yang SL, **Hsu C**, Yang RC, Hsu HK, Liu N, Yang J, Dong LW, Liu MS\* (2004): Transcriptional regulation of cardiac sarcoplasmic reticulum calcium-ATPase gene during the progression of sepsis. *Shock*. 22(1): 46-50. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
  41. Ya-Ching Hsieh, Hsiao-Ching Jao, Rei-Cheng Yang, Hseng-Kuang Hsu, **C Hsu** (2003): Suppression of PKC $\alpha$  triggers apoptosis through down-regulation of Bcl-xL in a rat hepatic epithelial cell line. *Shock* 19(6): 582-587. (SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery) 計劃編號: NSC-90-2320-B-037-025 and NSC-91-2745-B-037-002
  42. Chen HW, **Hsu C**, Lu TS, Wang SJ, Yang RC\* (2003): Heat shock pretreatment prevents cardiac mitochondria dysfunction during sepsis. *Shock* 20(3): 274-279. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
  43. Chang HC, **Hsu C**, Hsu HK, Yang RC\* (2003): Functional role of caspases in sphingosine-induced apoptosis in human hepatoma cells. *IUBMB Life* 55(7): 403-407. (Impact factor: 3.143, Ranking: 39.79% (115/289) in subject of Surgery)
  44. Wu LL, Yang SL, Yang RC, Hsu HK, **Hsu C**, Dong LW, Liu MS\* (2003): G protein and adenylate cyclase complex-mediated signal transduction in the rat heart during sepsis. *Shock* 19(6): 533-537. (SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
  45. Yang RC, Shih HC, Hsu HK, Chang HC, **Hsu C\*** (2003): Estradiol enhances the neurotoxicity of glutamate in GT1-7 cells through an estrogen receptor-dependent mechanism. *NeuroToxicology* 24: 65-73. (SCI) 計劃編號: NSC-89-2320-B037-047. (Impact factor: 3.379, Ranking: 22.99% (20/87) in subject of TOXICOLOGY)
  46. **Hsu C**, Hsieh YC, Hsu HK, Jao SC, Yang RC\* (2002): Alteration of protein kinase C isoforms in the liver of septic rats. *Shock* 17(1): 41-46. (SCI) 計劃編號: NSC-89-2320-B-037-019. (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)
  47. Chen HW, **Hsu C**, Hsu HK, Lu TS, Wang SJ, Yang RC\* (2001): Heat shock pretreatment influences the expression of PKC isoforms during sepsis. *J Surg Res*. 101: 202-209. (SCI) (Impact factor: 1.936, Ranking: 39.39% (78/198) in subject of Surgery)
  48. Hsu HK, Yang RC, Shih HC, Hsieh YL, Chen UY, **Hsu C\*** (2001): Prenatal exposure of testosterone prevents SDN-POA neurons of postnatal male rats from apoptosis through NMDA receptor. *J Neurophysiol*. 86: 2347-2380. (SCI) 計劃編號: NSC-89-2320-B037-018. (Impact factor: 2.887, Ranking: 34.94% (29/83) in

- subject of Physiology)
49. **Hsu C**, Hsieh YL, Ho ML, Hsu HK, Yu JYL\* (2001): Sexually dimorphic effect of glutamate on cell cycle arrestment of astrocytes from preoptic area of neonatal rats. *Dev Neurosci* 23: 399-405. (SCI). (Impact factor: 2.697, Ranking: 46.34% (19/41) in subject of Developmental Biology)
  50. Jao HC, Yang RC, Hsu HK, **Hsu C\*** (2001): The decrease of PKC $\alpha$  is associated with hepatic apoptosis at early and late phases of polymicrobial sepsis. *Shock* 15 (2): 130-134 (SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery) 計劃編號: NSC -89-2320-B037-019
  51. Yang RC, Chen HW, Lu TS, **Hsu C\*** (2000): Potential protective effect of NF $\kappa$ B activity on the polymicrobial sepsis of rats preconditioning heat shock treatment. *Clinica Chimica Acta* 302: 11-22. (SCI) (Impact factor: 2.824, Ranking: 16.67% (5/30) in subject of Medical Laboratory Technology)
  52. Chen HW, **Hsu C**, Lue SI, Yang RC\* (2000): Attenuation of sepsis-induced apoptosis by heat shock pretreatment in rats. *Cell Stress & Chaperones* 5(3): 188-195, 2000. (SCI) (Impact factor: 3.163, Ranking: 54.89% (101/184) in subject of Cell Biology)
  53. **Hsu C**, Ya-Lun Hsieh, Rei-Cheng Yang, Hseng-Kuang Hsu\* (2000): Blockage of NMDA receptor decreased the testosterone level and enhanced the neonatal neuronal apoptosis in the POA of male rat. *Neuroendocrinology*, 71:301-307. (SCI) 計劃編號: NSC-88-2314-B037-063. (Impact factor: 4.373, Ranking: 20.23% (51/252) in subject of NEUROSCIENCES)
  54. **Hsu C.**, Hseng-Kuang Hsu, Shaw-Lang Yang, Hsiao-Ching Jao, Maw-Shung Liu\* (1999): Liver protein kinase A activity is decreased during the late hypoglycemic phase of sepsis. *Shock* 12: 274-279, 12, 1999. (SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery) 計劃編號: NSC-80-2314-B037-28
  55. **Hsu C.**, Hsieh Y.L., Lue S.I., Hsu H.K.\* (1999): Sex-specific expression of N-methyl D-aspartate receptor (NMDAR) in the preoptic area of neonatal rats. *Neurosci Lett.* 262: 85-88. (SCI) 計劃編號: NSC-87-2314-B037-093 (IF: 2.030, Ranking: 68.65% (173/252) in subject of Neuroscience)
  56. Chang H.C., Lue S.I., **Hsu C.**, Hsu H.K., Weng C.F., Yu YL.J.\* (1998): Effects of Chinese herbal prescriptions on copulatory activity in aged male rats: a preliminary study. *Am J Chinese Med.* 26(1): 83-90. (SCI) 計劃編號: DOH 81-CM-057 (IF: 2.755, Ranking: 16.67 (4/24) in subject of INTEGRATIVE & COMPLEMENTARY MEDICINE)
  57. Yang S.L., **Hsu C.**, Lue S.I., Hsu H.K., Liu M.S.\* (1998): Protein kinase C activity is increased in rat heart during early hyperglycemic phase of sepsis. *Shock*

- 9(3): 199-203.(SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery) 計畫編號: NSC-85-2331-B037-043
58. **Hsu C.**, Jao H.C., Yang S.L., Hsu H.K., Liu M.S.\* (1998): Inactivation of protein kinase C in liver during late hypoglycemic phase of sepsis. *Mol Cell Biochem.* 181: 181-189. (Impact factor: 2.393, Ranking: 68.48% (126/184) in subject of Surgery)
59. **Hsu C.**, Yang S.L., Hsieh Y.L., Lue S.I., Hsu H.K., Peng M.T.\* (1998): Enlarging effect of estradiol on the nuclear volume of neurons in the hypothalamus during aging. *Gerontology.* 44: 140-143.(SCI) 計畫編號: NSC-83-0412-B037-038 (IF: 3.059, Ranking: 40.00% (20/50) in subject of Geriatrics & Gerontology)
60. **Hsu C.**, Yang S.L., Hsu S.P., Hsu H.K., Liu M.S.\* (1997): Differential activity of protein kinase A in various regions of myocardium during sepsis. *J Surg Res.* 71(2): 161-165.(SCI)計畫編號: NSC-85-2331-B-037-043 (Impact factor: 1.936, Ranking: 39.39% (78/198) in subject of Surgery)
61. Yang S.L., **Hsu C.**, Lue S.I., Hsu H.K., Liu M.S.\* (1997): Protein kinase A activities increased in rat heart during late hypodynamic phase of sepsis. *Shock* 8(1): 68-72.(SCI) (Impact factor: 3.045, Ranking: 16.16% (32/198) in subject of Surgery)計畫編號: NSC-85-2331-B-037-043
62. Hsieh Y.L., **Hsu C.**, Lue S.I., Hsu H.K., Peng M.T.\* (1997): The neonatal neurotoxicity of monosodium L-glutamate on the sex-dimorphic nucleus of preoptic area in rats. *Dev Neurosci.* 19: 342-347.(SCI)計畫編號: NSC-83-0412-B-037-30. (Impact factor: 2.697, Ranking: 46.34% (19/41) in subject of Developmental Biology)
63. **Hsu C.\***, Huang H.T., Hsu H.K., Yu J.Y.L., Peng M.T. Influence of pinealectomy on sexual behavior of normal and monosodium L-glutamate-treated rats. *J Pineal Res.* 8: 107-114, 1990. (Impact factor: 9.6, Ranking: 3.70% (3/81) in subject of Physiology)