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所有發表期刊論文

1. Lu YC, Luo PC, Huang CW, Leu YL, Wang TH, Wei KC, Wang HE, Ma YH*: Augmented cellular uptake of nanoparticles by tea catechins: an effect of surface modification on nanoparticle-cell interaction. *Nanoscale* 6:10297-10306, 2014
2. Tu SJ, Wu SY, Wang FS, and Ma YH: Retention assessment of magnetic nanoparticles in rat arteries with micro computed tomography. *Phys Med Biol* 59: 1271-1281, 2014
3. Yang HW, Hua MY, Lin KJ, Wey SP, Tsai RY, Wu SY, Lu YC, Liu HL, Wu T, Ma YH*: Bioconjugation of recombinant tissue plasminogen activator to magnetic nanocarriers for targeted thrombolysis. *International Journal of Nanomedicine* 7: 5159–5173, 2012
4. Chen JP, Yang PC, and Ma YH, Tu SJ and Lu YJ: Targeted delivery of tissue plasminogen activator by binding to silica-coated magnetic nanoparticle. *International Journal of Nanomedicine* 7:5137-5149, 2012
5. Ma YH*, Chen SY, Tu SJ, Yang HW, **Liu HL**: Manipulation of magnetic nanoparticle retention and hemodynamic consequence in microcirculation: assessment by laser speckle imaging. *International Journal of Nanomedicine* 7: 2817-2827, 2012
6. Liu HL, Chen PY, Yang HW, Wu JS, Tseng IC, Ma YJ, Huang CY, Tsai HC, Chen SM, Lu YJ, Huang CY, Hua MY, Ma YH, Yen TC and Wei KC: In vivo MR quantification of superparamagnetic iron oxide nanoparticle leakage during low-frequency-ultrasound-induced blood-brain barrier opening in swine. *Journal of Magnetic Resonance Imaging* 34:1313–1324, 2011
7. Liang CJ, Tseng CP, Yang CM and Ma YH*: 20-HETE inhibits ATP-induced cyclooxygenase 2 expression via peroxisome proliferator activator receptor in vascular smooth muscle cells. *British Journal of Pharmacology* 163:815-825, 2011
8. Chen JP, Yang PC, and Ma YH, and Wu T: Characterization of chitosan magnetic nanoparticles for in situ delivery of tissue plasminogen activator. *Carbohydrate*
9. Chen JP, Yang PC, Ma YH and Lu YJ: Superparamagnetic iron oxide nanoparticles for delivery of tissue plasminogen activator, *Journal of Nanoscience and Nanotechnology* 11(12):11089-11094, 2011
10. Chen PY, Liu HL, Hua MY, Yang HW, Huang CY, Chu PC, Lyu LA, Tsai HC, Chen SM, Lu YJ, Wang JJ, Yen TC, Ma YH, Wu T, Chen JP, Chuang JI, Shin JW, Hsueh C, and Wei KC: Novel magnetic/ultrasound focusing system enhances nanoparticle drug delivery for glioma treatment. *Neuro-Oncology* 12(10): 1050-1060, 2010
11. Yen CH, Ma YH, Yu HP, Lau YT*: Reduction of superior mesenteric hemodynamic responsiveness to [Sar¹,Thr⁸]-angiotensin II and

- bradykinin, but not sodium nitroprusside, in the presence of homocysteine infusion. *Chinese Journal of Physiology*, 53(1): 45-51, 2010
12. Huang BR, Chen PY, Huang CY, Jung SM, Ma YH, Wu T, Chen JP, Wei KC*: Bioavailability of magnetic nanoparticles to the brain. *Journal of Magnetism and Magnetic Materials* 321: 1604-1609, 2009
13. Ma YH*, Wu SY, Wu T, Chang YJ, Hua MY, Chen JP*: Magnetically targeted thrombolysis with recombinant tissue plasminogen activator bound to polyacrylic acid-coated nanoparticles. *Biomaterials* 30:3343-3351, 2009
14. Yu HP, Hsu JC, Yen CH, Ma YH, Lau YT: Hyporeactivity of renal artery to angiotensin II in septic rats. *Chinese Journal of Physiology* 51:301-307, 2008
15. Liang CJ, Ives HE, Yang CM and Ma YH*: 20-HETE inhibits proliferation of vascular smooth muscle cells via transforming growth factor-beta. *Journal of Lipid Research* 49:66-73, 2008
16. Ma YH, Hsu YW, Chang YJ, Hua MY, Chen JP and Wu T*: Intra-arterial application of magnetic nanoparticle for targeted thrombolytic therapy: a rat embolic model. *Journal of Magnetism and Magnetic Materials* 311: 342-346, 2007
17. Wu T, Hua MY, Chen JP, Wei KC, Jung SM, Chang YJ, Jou MJ, Ma YH*: Effects of external magnetic field on biodistribution of nanoparticles: A histological
18. Yang CM, Lin MI, Hsieh HL, Sun CC, Ma YH, Hsiao LD: Bradykinin-stimulated p42/p44 MAPK activation and cell proliferation via Src, EGF receptors, and PI3-K/Akt in vascular smooth muscle cells. *J Cell. Physiol* 203: 538-546, 2005
19. Ma YH*, Wei HW, Su KH, Ives HE, Morris RCJr: Chloride-dependent calcium transients induced by angiotensin II in vascular smooth muscle cells. *American Journal of Physiology-Cell Physiology* 286:C112-C118, 2004
20. Yang CM, Chien CS, Ma YH, Hsiao LD, Lin CH and Wu CB: Bradykinin B₂ Receptor-mediated proliferation via activation of Ras/Raf/MEK/MAPK pathway in rat vascular smooth muscle cells. *J. Biomed. Sci* 10:208-218, 2003
21. Engler MB, Ma YH, Engler MM: Calcium-mediated mechanisms of eicosapentaenoic acid-induced relaxation in hypertensive rat aorta. *Am. J. Hypertension* 12:1225-1235, 1999
22. Ma, YH, Ling S and Ives HE: Mechanical strain increases PDGF-B and PDGF receptor expression in vascular smooth muscle cells. *Biochem. Biophys. Res. Comm* 265: 606-610, 1999
23. Ling S, Dai A, Ma YH, Wilson E, Chatterjee K, Ives HE and Sudhir K: Matrix-dependent gene expression of egr-1 and PDGF A regulate angiotensin II-induced proliferation in human vascular smooth muscle cells. *Hypertension* 34:1141-1146, 1999
24. Morawietz H, Ma YH, Vives F, Wilson E, Sukhatme VP, Holtz J and Ives HE:

- Rapid induction and translocation of egr-1 in response to mechanical strain in vascular smooth muscle cells. *Circulation Research* 84:678-687, 1999
25. Ma YH, Reusch HP, Wilson E, Escobedo JA, Fantl WJ, Williams LT and Ives HE: Activation of Na^+/H^+ exchange by platelet-derived growth factor involves phosphatidylinositol-3' kinase and phospholipase C. *J. Biol. Chem.* 269: 30734-30739, 1994
26. Ma YH, Schwartzman ML and Roman RJ: Altered renal P450 metabolism of arachidonic acid in Dahl salt-sensitive rats. *Am. J. Physiol.* 267 (Regulatory Integrative Comp. Physiol. 36): R579-R589, 1994
27. Zou AP, Ma YH, Sui ZH, De Montellano PRO, Clark JE and Roman RJ: Effects of 17-octadecynoic acid, a suicide-substrate inhibitor of cytochrome P450 fatty acid -hydroxylases, on renal function in rats. *J. Pharmacol. Exp. Ther.* 268: 474-481, 1994
28. Roman RJ, Ma YH, Frohlich B and Markham B: Clofibrate prevents the development of hypertension in Dahl salt-sensitive rats. *Hypertension* 21: 985-988, 1993
29. Masters BSS, Clark JE, Roman LJ, Nishimoto M, McCabe TJ, de Montellano PRO, Plopper CG, Ma YH, Harder DR and Roman RJ: Functional aspects of eicosanoid hydroxylation by lung and kidney cytochromes P450. Expression of cDNAs in mammalian cells and *E. coli*. *J. Lipid Mediators* 6: 353-360, 1993
30. Ma YH, Gebremedhin D, Schwartzman ML, Clark JE, Masters BSS, Harder DR and Roman RJ: 20-hydroxyeicosatetraenoic acid is an endogenous vasoconstrictor of canine renal arcuate arteries. *Cir. Res.* 72: 126-136, 1993
31. Gebremedhin D, Ma YH, Imig JD, Roman RJ and Harder DR: Role of cytochrome P-450 in elevating renal vascular tone in spontaneously hypertensive rats. *J. Vasc. Res.* 30 (1): 53-60, 1993
32. Gebremedhin D, Ma YH, Falck JR, Roman RJ, VanRollins M and Harder DR: Mechanism of action of cerebral epoxyeicosatrienoic acids on cerebral arterial smooth muscle. *Am. J. Physiol.* 263 (Heart Circ. Physiol. 32): H519-H525, 1992
33. Harder D, Gebremedhin D, Ma YH, Roman RJ: Signal transduction responses to pressure in arterial muscle: A possible role for arachidonic acid metabolites. In: *Electrophysiology and ion channels of vascular smooth muscle cells and endothelial cells*, edited by N. Sperelakis and H. Kuriyama, New York: Elsevier Science Publishing Co Inc., pp 125-238, 1991
34. Ma YH*, Harder DR, Clark JE and Roman RJ: Effects of 12-hydroxyeicosatetraenoic acid (12-HETE) on isolated dog renal arcuate arteries. *Am. J. Physiol.* 261 (Heart Circ. Physiol. 30): H451-H456, 1991

35. Masters BSS, Clark JE, Roman LJ, McCabe TJ, Helm CB, Johnson EF, Ma YH, Harder DR and Roman RJ: Structure-function studies and physiological roles of eicosanoids metabolized by cytochrome P450 -hydroxylases. *Prostaglandins, Leukotrienes, Lipoxins and PAF* ed. by J. Martyn Bailey, Plenum Press, N. Y., 1991
36. Kauser K, Clark JE, Masters BSS, De Montellano PRO, Ma YH, Harder D. R, and Roman RJ: Inhibitors of cytochrome P450 attenuate the myogenic response of dog renal arcuate arteries. *Cir. Res* 68: 1154-1163, 1991
37. Ma YH and Dunham EW: Rat renal papillary release of hypotensive substances in vitro. *J. Hypertension* 9: 761-770, 1991
38. Ma YH and Dunham EW: Postunclipping hemodynamics in renal hypertensive rats with extracorporeal circulation. *Am. J. Physiol.* 258 (Heart Circ. Physiol. 27): H165-H172, 1990
39. Ma YH and Dunham EW: Antagonism of the vasodilator effects of a platelet activating factor precursor in anesthetized spontaneously hypertensive rats. *Eur. J. Pharmacol* 145: 153-162, 1988
40. Teng CM, Ma YH and Ouyang C: Action mechanism of the platelet aggregation inducer and inhibitor from *Echis carinatus* snake venom. *Biochim. Biophys. Acta* 841: 8-14, 1985
41. Ouyang C, Ma YH, Jih HC and Teng CM: Characterization of the platelet aggregation inducer and inhibitor from *Echis carinatus* snake venom. *Biochim. Biophys. Acta* 841: 1-7, 1985