

***蔡宗廷醫師**

所有發表期刊論文及專書

期刊論文：

1. Chen SY, Lu ML, Niu CC*, Tsai TT, Liao JC, Chen LH, Chen WJ (2015, Jan). [Epub ahead of print] Results of instrumented posterolateral fusion in treatment of lumbar spondylolisthesis with and without segmental kyphosis: A retrospective investigation. Biomed J, [Epub ahead of print].
2. Fu TS*, Chang YH, Wong CB, Wang IC, Tsai TT, Lai PL, Chen LH, Chen WJ (2015, Jan). [Epub ahead of print] Mesenchymal stem cells expressing baculovirus-engineered BMP-2 and VEGF enhance posterolateral spine fusion in a rabbit model. Spine J, [Epub ahead of print]. (SCI, 11/67, ORTHOPEDICS).
3. Kao FC, Tsai TT (Co-first author)*, Chen LH, Lai PL, Fu TS, Niu CC, Ho NY, Chen WJ, Chang CJ (2015, Jan). Symptomatic epidural hematoma after lumbar decompression surgery. Eur Spine J, [Epub ahead of print]. (SCI, 12/67, ORTHOPEDICS). 本人為第一作者。
4. Lu ML, Niu CC, Tsai TT, Fu TS, Chen LH, Chen WJ* (2015, Jan). Transforaminal lumbar interbody debridement and fusion for the treatment of infective spondylodiscitis in the lumbar spine. Eur Spine J, [Epub ahead of print]. (SCI, 12/67, ORTHOPEDICS).
5. Tsai TT, Ho NY, Fang HC, Lai PL, Niu CC, Chen LH, Chen WJ, Pang JH* (2015, Jan). [Epub ahead of print] Increased sulfatase 1 gene expression in degenerative intervertebral disc cells. J Orthop Res, [Epub ahead of print]. (SCI, 6/67, ORTHOPEDICS). MOST 103-2314-B-182-034. CMRPG3D0112. 本人為第一作者。中華民國骨科醫學會 103 年度 優秀論文比賽基礎類別第二名。
6. Lin TY, Tsai TT*, Lu ML, Niu CC, Hsieh MK, Fu TS, Lai PL, Chen LH, Chen WJ (2014, Dec). Comparison of two-stage open versus percutaneous pedicle screw fixation in treating pyogenic spondylodiscitis. BMC Musculoskelet Disord, 15(1):443. (SCI, 25/67, ORTHOPEDICS). 本人為通訊作者。
7. Tsai TT, Cheng CM*, Chen CF, Lai PL (2014, Dec). Mechanotransduction in intervertebral discs. J Cell Mol Med, 18(12):2351-60. (SCI, 27/122, MEDICINE, RESEARCH & EXPERIMENTAL). NSC 100-2314-B-182-059. CMRPG3D0671. 本人為第一作者。
8. Lin TY, Liao JC*, Tsai TT, Lu ML, Niu CC, Chen WJ, Chen LH (2014, Oct). The effects of anterior vacuum disc on surgical outcomes of degenerative versus spondylolytic spondylolisthesis: at a minimum two-year

- follow-up. BMC Musculoskelet Discord, 15:329. (SCI, 25/67, ORTHOPEDICS).
9. Chen JM, Lee SH, Tsai TT*, Niu CC, Chen LH, Chen WJ (2014, Jul). Anti-adhesive effect of hyaluronate in a rabbit laminectomy model. Biomed J, 37(4):218-24. 本人為通訊作者.
 10. Lu ML, Tsai TT (co-first author), Lai PL, Fu TS, Niu CC, Chen LH*, Chen WJ (2014, Jul). A retrospective study of treating thoracolumbar spine fractures in ankylosing spondylitis. Eur J Orthop Surg Traumatol, 24 Suppl 1:S117-23. 本人為第一作者.
 11. Lin TY, Chen WJ, Hsieh MK, Lu ML, Tsai TT, Lai PL, Fu TS, Niu CC*, Chen LH (2014, Apr). Postoperative meningitis after spinal surgery: a review of 21 cases from 20,178 patients. BMC Infect Dis, 14:220. (SCI, 35/70, INFECTIOUS DISEASES).
 12. Kao FC, Lai PL*, Chang CH, Tsai TT, Fu TS, Niu CC, Chen LH, Chen WJ (2014, Mar). Influence of lumbar curvature and rotation on forward flexibility in idiopathic scoliosis. Biomed J, 37(2):78-83.
 13. Kao FC, Thapa SB, Lu ML, Tsai TT*, Lai PL, Niu CC, Chen LH, Chen WJ (2014, Mar). Costotransversectomy Approach for Treatment of Thoracic Spine Infection. Formosan Journal of Musculoskeletal Disorders, 5(2):59-67. 本人為通訊作者.
 14. Lee CY, Ho NY, Fang HC, Wang MC, Chang PY, Tsai TT*, Niu CC, Chen LH, Chen WJ, Lee MS, Cheng CM, Chen CF (2014, Feb). Optimal Oligonucleotide Sequence and Condition for Detecting Tuberculosis by Colorimetric Gold Nanoparticles. Formosan Journal of Musculoskeletal Disorders, 5(1):25-34. CMRPG3C0111. 本人為通訊作者. 中華民國骨科醫學會 102 年度優秀論文比賽基礎類別第三名.
 15. Tsai TT, Ho NY, Lin YT, Lai PL, Fu TS, Niu CC, Chen LH, Chen WJ, Pang JH* (2014, Feb). Advanced glycation end products in degenerative nucleus pulposus with diabetes. J Orthop Res, 32(2):238-44. (SCI, 6/67, ORTHOPEDICS). NSC 100-2314-B-182-059. CMRPG3C0821. 本人為第一作者.
 16. Lin TY, Liao JC*, Chen WJ, Chen LH, Niu CC, Fu TS, Lai PL, Tsai TT (2014, Jan). Surgical risks and perioperative complications of instrumented lumbar surgery in patients with liver cirrhosis. Biomed J, 37(1):18-23.
 17. Liao JC*, Chen WJ, Chen LH, Niu CC, Fu TS, Lai PL, Tsai TT (2013, Aug). Complications associated with instrumented lumbar surgery in patients with liver cirrhosis: a matched cohort analysis. Spine J, 13(8):908-913. (SCI, 11/67, ORTHOPEDICS).

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21. Kao FC, Chen LH*, Lai PL, Fu TS, Tsai TT, Yu CW, Chen WC, Lu ML, Hsieh MK, Niu CC, Chen WJ (2013, May). Clinical and radiographic outcome of pillow reduction prior to vertebroplasty on patients with vertebral compression fracture. *Formosan Journal of Musculoskeletal Disorders*, 4(2):33-37.
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25. Fan Chiang CY, Tsai TT*, Chen LH, Lai PL, Fu TS, Niu CC, Chen WJ (2012, Jul). Computed tomography-based navigation-assisted pedicle screw insertion for thoracic and lumbar spine fractures. *Chang Gung Med J*, 35(4):332-8. 本人為通訊作者.

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28. Niu CC, Yuan LJ, Chen LH, Lin SS, Tsai TT, Liao JC, Lai PL, Chen WJ* (2011, Jan). Beneficial effects of hyperbaric oxygen on human degenerated intervertebral disk cells via suppression of IL-1 β and p38 MAPK signal. *J Orthop Res*, 29(1):14-9. (SCI, 6/67, ORTHOPEDICS).
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 46. Tsai TT, Chen WJ*, Lai PL, Chen LH, Niu CC, Fu TS, Wong CB (2003, Nov). Polymethylmethacrylate cement dislodgment following percutaneous vertebroplasty: a case report. *Spine (Phila Pa 1976)*, 28(22):E457-60. (SCI, 15/67, ORTHOPEDICS). 本人為第一作者。
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專書：

1. Tsai TT, Anderson G. Chapter 3: Dysphagia/Esophageal Injuries. In: *Complications of Spine Surgery: Treatment and Prevention*. (ISBN: 2147483647). Lippincott Williams & Wilkins. Oct, 2005.

其他：

1. Tsai TT (2015, Jan). [Epub ahead of print] Answer to the Letter to Editor of N. Todd concerning “Symptomatic epidural hematoma after lumbar decompression surgery” by Kao FC et al., *Eur Spine J* (2014), doi:10.1007/s00586-014-3297-8.
2. Tsai Tsung-Ting; Advisor: Professor Jong-Hwei Su Pang (2014, Jan). Doctoral Dissertation, Graduate Institute of Clinical Medicine, Chang Gung University. Topic: Gene Expressions in Degenerative Intervertebral Disc.

