

聯絡方式

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現職

- 高雄醫學大學牙醫學系 教授 2013/05~
- 高醫大附設醫院牙科部補綴科 主治醫師 1988/11~

學歷

- 美國密西根大學牙醫學院 碩士 1985/09 ~ 1988/08
- 高雄醫學大學牙醫學系 學士 1972/09~ 1979/01

經歷

- 高雄醫學大學牙醫學系 系主任 2012/08~2018/01
- 高雄醫學大學牙醫學系 副教授 1999/08~2013/04
- 高雄醫學大學牙醫學系 講師 1988/11~1999/07
- 美國賓州大學牙醫學院 研究員 1992/09 ~1993/08
- 高醫大附設醫院補綴科 主任 2006/08 ~2012/07, 2013/08 ~2015/07, 2016/08 ~2017/07
- 高醫大附設醫院家牙科 主任 1995/08 ~1997/07
- 高醫大附設醫院苓雅門珍 主任 1994/08 ~1997/07

研究專長及領域

- 牙科補綴學
- 牙科植體學
- 生醫材料
- 生物力學

著作目錄

期刊論文

(依年度排序·最新的排前面)* 通訊作者

1. Chen YC*, Hung CC, **Wang JC***, Chang MC, Tseng SC, Chen WC. (2019) Effects of pontic span and fiber reinforcement on fracture strength of multi-unit provisional fixed partial dentures Journal of Dental Sciences (in press)
2. Kuo HC, Wang RH, **Wang JC**, Yang YH*. (2018) Assessing a conceptual model of both oral health and health related quality of life in community dwelling elders. Archives of Gerodontology and Geriatrics 79:27-31
3. Huang TK, Yang CH, Hsieh YH, **Wang JC**, Hung CC*. (2018) Augmented reality (AR) and virtual reality (VR) applied in dentistry. The Kaohsiung Journal of Medical Sciences 34:243-248
4. Ko CL, Lin DJ, Hung CC, **Wang JC[†]**, Yan SH, Chen WC*. (2018) As-casting performance of gold alloys and their de-bonding strength in metal-ceramic systems. International Journal of Cast Metals Research 31:153-161
5. Lai PL, Chen WC, **Wang JC***, Fu PS, Lin CC, Hung CC*. (2017).The possibility of recasting of pure titanium. Journal of Dental Sciences 12:226-232
6. Fu PS, Wu YM, **Wang JC**, Huang TK, Chen WC, Tseng YC, Hung CC*. (2016). Surgical Management of Severe Peri-implantitis in the Esthetic Zone: A Case Report with a 6-Year Follow-Up. Journal of Oral Implantology 42(1):86-92
7. Chang JY, Chen WC, Huang TK, **Wang JC**, Fu PS, Chen JH, Hung CC*. (2015). Evaluation of the accuracy and limitation of three tooth-color measuring machines. Journal of Dental Science 10(1):16-20
8. Ko CL, Chen JC, Tien YC*, Hung CC, **Wang JC***, Chen WC*. (2015) Osteoregenerative capacities of dicalcium phosphate-rich calcium phosphate bone cement. Journal of Biomedical Materials Research: Part A, 103(A): 203-210
9. Ko CL, Chen JC, Hung CC, **Wang JC**, Tien YC, Chen WC*. (2014). Biphasic products of dicalcium phosphate-rich cement with injectability and nondispersibility. Materials Science and Engineering C 39:40-46
10. Ko CL, Chen WC*, Chen JC, Wang YH, Shih CJ, Tyan YC, Hung CC, **Wang JC***. (2013) Properties of osteoconductive biomaterials: Calcium phosphate cement with different ratios of platelet-rich plasma as identifiers. Materials Science and Engineering C 33:3537-3544
11. Kuo HC, Kuo YS, Lee IC, **Wang JC***, Yang YH*. (2013) The association of responsiveness in oral and general health-related quality of life with patients' satisfaction of new complete dentures. Quality of life research 22(7):1665-1674

12. Ko CL, Tien YC, **Wang JC**, Chen WC*. (2012) Characterization of controlled high porous hyaluronan/gelatin cross-linking sponges for tissue engineering. **Journal of the Mechanical Behavior of Biomedical Materials** 14(10):227-238
13. Fu PS, **Wang JC**, Chen CH, Huang TK, Tseng CF, Hung CC*. (2012) Management of unilaterally deep impacted first, second, and third mandibular molars (case report). **The Angle Orthodontist** 82(3):565-571
14. Kuo WC, Lin YS, Lin CL, **Wang JC***. (2012) Biomechanical investigation of long-span glass-fiber-reinforced acrylic resin provisional fixed partial dentures: A finite element analysis. **Journal of Medical and Biological Engineering** 32(5):357-364
15. Fu PS, Wu YM, **Wang JC**, Huang TK, Chen WC, Huang JW, Hung CC*. (2012) Optimizing anterior esthetics of a single-tooth implant through socket augmentation and immediate provisionalization: A case report with 7-year follow-up. **The Kaohsiung Journal of Medical Sciences** 28(10):559-563
16. Chang JY, Chen WC, Huang TK, **Wang JC**, Fu PS, Che CH, Hung CC*. (2012) Evaluating the accuracy of tooth color measurement by combining the Munsell color system and dental colorimeter. **The Kaohsiung Journal of Medical Sciences** 28(9):490-494
17. Fu PS, **Wang JC**, Wu YM, Huang TK, Chen WC, Tseng YC, Tseng CF, Hung CC*. (2012) Impacted second molars: A retrospective study of prevalence and treatment outcome. **The Angle Orthodontist** 82(4):670-675
18. Lai PL, Chen WC, **Wang JC**, Huang TK, Hung CC*. (2011) A newly developed calcia/titanium modified magnesia-based investment mold for titanium casting. **Materials Science and Engineering C** 31:144-150
19. Fu PS, Wu YM, Tsai CF, **Wang JC**, Huang TK, Chen WC, Hung CC*. (2011) Immediate implant placement following minimally invasive extraction: A case report with a 6-year follow-up. **The Kaohsiung Journal of Medical Sciences** 27:353-356
20. **Wang JC**, Huang SF, Lin CL*. (2010). Biomechanical responses of endodontically treated tooth implant-supported prosthesis. **Journal of Endodontics** 36(10):1688-1692
21. Lin CL, **Wang JC***, Chang SH, Chen ST. (2010) Evaluation of stress induced of implant type and number of splinted teeth in different periodontal supported tooth-implant-supported FPDs: a nonlinear finite element analysis. **Journal of Periodontology** 81(1):121-130
22. **Wang JC**, Ko CL, Hung CC, Tyan TC, Lai CH, Chen WC*, Wang CK. (2010) Deriving fast setting properties of tetracalcium phosphate/dicalcium phosphate anhydrous bone cement with nanocrystallites on the reactant surfaces. **Journal of Dentistry** 38(2):158-165

研究計劃

| 序號 | 計畫名稱 | 補助或委託機構 | 執行期限 | 執行情形 | 經費總額 | 計畫內擔任的工作 |
|----|---------------------|---------|----------------|------|--------|----------|
| 1 | 全球安聯創新型人工植牙國際臨床試驗計畫 | 科技部 | 108/01~108/12 | 執行中 | 470 萬 | 主持人 |
| 2 | 建置牙醫醫院之先驅評估計畫 | 衛福部 | 106/12~107/12 | 結案 | 1900 萬 | 協同主持人 |
| 3 | 全球安聯第二人工牙根系統臨床試驗計畫 | 科技部 | 105/08 ~109/09 | 執行中 | 355 萬 | 共同主持人 |
| 5 | 全球安聯創新型人工牙根系統臨床試驗計畫 | 科技部 | 105/11 ~106/10 | 結案 | 241 萬 | 共同主持人 |
| 6 | 口腔健康整合行銷計畫 | 衛福部 | 104/09 ~104/12 | 結案 | 245 萬 | 主持人 |