1. Functional odontoblastic-like cells from human iPSCs
   Journal of Dental Research, 2018

2. Graphene transfer to 3-dimensional surfaces a vacuum-assisted dry transfer method
   Morin JLP, Dubey N, Decroix FED, Luong-Van EK, Castro Neto AH, Rosa V*.
   2D Materials, 2017

3. Graphene for the development of the next-generation of biocomposites for dental
   and medical applications
   Xie H, Luong-Van E, Lozano FJR, Cao T, Castro Neto AH, Rosa V*.

4. CVD-grown monolayer graphene induces osteogenic but not odontoblastic
   differentiation of dental pulp stem cells

5. Effects of epigallocatechin gallate, an antibacterial cross-linking agent, on
   proliferation and differentiation of human dental pulp cells cultured in collagen
   scaffolds
   Kwon YS, Kim HJ, Hwang YC, Rosa V, Yu MK, Min KS*.

6. Graphene nanosheets to improve physico-mechanical properties of bioactive calcium
   silicate cements
   Dubey N, Rajan SS, Dal Bello Y, Min KS, Rosa V*.
   Materials, 2017

7. CVD graphene transfer procedure to the surface of stainless steel for stem cell
   proliferation
   Rodriguez CLC, Kessler F, Dubey N, Rosa V, Fechine GJM*.

8. Behaviour of human dental pulp cells cultured in a collagen hydrogel scaffold
   crosslinked with cinnamaldehyde
   Kwon YS, Lee SH, Hwang YC, Rosa V, Lee KW, Min KS*.

9. Graphene oxide-based substrate: physical and surface characterization,
   cytocompatibility and differentiation potential of dental pulp stem cells
   Rosa V*, Xie H, Dubey N, Madanagopal TT, Rajan SS, Islam I, Morin JLP, Castro Neto AH.
   Dental Materials, 2016.

10. In vitro osteogenic potential of green fluorescent protein labelled human embryonic
    stem cell-derived osteoprogenitors
11. Pluripotency of stem cells from human exfoliated deciduous teeth (SHED) for tissue engineering
   Rosa V*, Dubey N, Min KS, Nör JE.

12. Smart Carbon Nanotubes and Graphenes for Tissue Engineering
   Rosa V*, Dubey N, Han X, Rajan SS.

13. Effects of chondro-osseous regenerative compound associated with local treatments in the regeneration of dehiscence defects: an in vivo study
   Tonetto A, Lago PW, Borba M, Rosa V*. 

14. Dental stem cells for dental pulp regeneration
   Dubey N, Min KS, Rosa V*.

15. Pluripotent stem cells: an in vitro model for nanotoxicity assessments
   Handral H, Tong H, Islam I, Gopu S, Rosa V, Cao T*.

16. Fabrication and evaluation of electrohydrodynamic jet 3D printed polycapronolactone/chitosan cell carriers using human embryonic stem cell-derived fibroblasts

17. Fabrication of dentin-like scaffolds through combined 3D printing and biomineralisation
   Wy Y, Azmi DFB, Rosa V, Fawzy AS, Fuh JYH, Wong YS, Lu WF*.
   Cogent Engineering, 2016.

18. HESC to IPSC: prohibition to controlled permissiveness to ethical panacea
   Islam I*, Rosa V, Wong R, Cao T.

19. Tooth discoloration induced by a novel mineral trioxide aggregate-based root canal sealer
   Lee DS, Lim MJ, Choi Y, Rosa V, Hong CU, Min KS*.

20. Reliability, failure probability and strength of resin-based materials for CAD/CAM restorations
   Lim KT, Yap AU, Agarwalla SV, Tan KB, Rosa V*.
21. **Two and three-dimensional graphene substrates to magnify osteogenic differentiation of periodontal ligament stem cells**
   Xie H, Cao T, Viana Gomes JC, Castro Neto AH, Rosa V*.
   *Carbon*, 2015.

22. **Graphene: a versatile carbon-based material for bone tissue engineering**
   *Stem Cells International*, 2015.

23. **Fatigue stipulation of bulk-fill composites: an in vitro appraisal**
   Vidhawan SA, Yap AU, Ornaghi BP, Banas A, Banas K, Neo JC, Pfeifer CS, Rosa V*.
   *Dental Materials*, 2015.

24. **Bioactivity, physical and chemical properties of MTA mixed with propylene glycol**
   Natu VP, Dubey N, Loke GCL, Tan TS, Ng WH, Yong CW, Cao T, Rosa V*.

25. **Modulation of dental pulp stem cell odontogenesis in a tunable PEG-fibrinogen hydrogel system**
   Lu Q, Pandya M, Jalil RA, Rosa V, Tong H, Seliktar D, Toh WS*.
   *Stem Cells International*, 2015.

26. **Structural reinforcement and sealing ability of temporary fillings in premolar with class II MOD cavities**
   Dal Bello Y, Barbizan JV, Rosa V*.
   *Journal Contemporary Dental Practice*, 2014.

27. **Inducing pluripotency for disease modeling, drug development and craniofacial applications**
   Rosa V*, Toh WS, Cao T, Shim W.

28. **Dental pulp tissue engineering in full-length root canals**
   Rosa V, Zhang Z, Grande RHM, Nör JE*.
   *Journal Dental Research*, 2013.

29. **What and where are the stem cells for Dentistry?**
   Rosa V*.
   *Singapore Dental Journal*, 2013.

30. **And now? Who will be the authors?**
   Rosa V*, Fechine GJM.
   *JSM Dentistry*, 2013.

31. **Subcritical crack growth and in vitro lifetime prediction of resin composites with different filler distributions**
   Ornaghi BP, Meier MM, Rosa V, Cesar PF, Lohbauer U, Braga RR*.
   *Dental Materials*, 2012.

32. **Tissue engineering: from research to dental clinics**

* Corresponding author
Rosa V, Della Bona A*, Cavalcanti B, Nör JE. 

33. Effect of ion exchange on R-curve behavior of a dental porcelain
   Cesar PF, Rosa V, Pinto MM, Yoshimura HN, Xu LR*.

34. Effect of test environment and microstructure on the flexural strength of dental porcelains
   Rosa V, Cesar PF*, Pereira CFS, Pinto MM, Yoshimura HN.

35. Regenerative endodontics in light of the stem cell paradigm
   Rosa V; Botero TM, Nör JE*.
   International Dental Journal, 2011.

36. Could be flowable composites considered as a reliable material for bracket bonding?
   Pick B, Rosa V, Miranda Jr W*.

37. Effect of ion exchange temperature on mechanical properties of a dental porcelain.
   Rosa V, Fredericci C, Moreira MF, Yoshimura HN, Cesar PF*.

38. Visual and instrumental agreement in dental shade selection: Three distinct observer populations and shade matching protocols
   Della Bona A*, Barrett A, Rosa V, Pinzetta C.

39. Effect of ion exchange on strength and slow crack growth of a dental porcelain
   Rosa V, Yoshimura HN, Pinto MM, Fredericci C, Cesar PF*.

40. Influence of pH on slow crack growth of dental porcelains
   Pinto MM, Cesar PF*, Rosa V, Yoshimura HN.

41. Seleção de cor em consultório: das escalas convencionais aos espectrofotômetros [In-office shade matching: from shade guides to spectrophotometers]
   Rosa V; Della Bona A*.
   International Journal of Brazilian Dentistry, 2007

42. Influence of shade and irradiation time on the hardness of composite resins
   Della Bona A*, Rosa V, Cecchetti D.
   Brazilian Dental Journal, 2007.

43. Effect of acid etching of glass ionomer cement surface on the microleakage of sandwich restorations
   Della Bona A*, Pinzetta C, Rosa V.
44. Prótese Total Imediata: Fundamentos e Clinica [Immediate Complete Dentures: Concepts and Clinic]
Rosa V, Della Bona A, Antonio AJ, Pereira TR, Nadin PS.