

1. Valanezhad A, Odatsu T, Abe S, Watanabe I, Bone Formation Ability and Cell Viability Enhancement of MC3T3-E1 Cells by Ferrostatin-1 a Ferroptosis Inhibitor of Cancer Cells, *International Journal of Molecular Sciences*, 22(22), 12259, 2021. (Impact Factor: 5.924) <https://doi.org/10.3390/ijms222212259>
2. Odatsu T, Kuroshima S, Shinohara A, Valanezhad A, Sawase T, Lactoferrin with Zn-ion protects and recovers fibroblast from H₂O₂-induced oxidative damage, *International Journal of Biological Macromolecules*, 190, 368-374, 2021. (Impact Factor: 6.953) <https://doi.org/10.1016/j.ijbiomac.2021.08.214>
3. Jafarnia S, Valanezhad A (corresponding Author), Shahabi S, Abe S, Watanabe I, Resin-based sealant containing sol-gel derived bioactive glass: ion release and biological response. *Journal of sol gel science and technology*, 2021. (Impact Factor: 1.986) <https://doi.org/10.1007/s10971-021-05551-9>
4. Nesabi M, Valanezhad A (corresponding Author), Safaee S, Abe Shigeaki, Watanabe I, A novel multi structural reinforced treatment on the Ti implant utilizing a combination of alkali solution and bioactive glass sol, *Mechanical behavior of biomedical materials*, 124, 104837, 2021. (Impact Factor: 3.902) <https://doi.org/10.1016/j.jmbbm.2021.104837>
5. Asadi S, Park N, Saeid T, Kim Y, Habibi F, Jang MH, Sugiarto A, Valanezhad A, Microstructural evolution in the heat-affected zone of laser-welded superelastic NiTi alloy wire, *Materials Letters*, 304, 130606, 2021. (Impact Factor: 3.019) <https://doi.org/10.1016/j.matlet.2021.130606>
6. Jafarnia S, Meymand JZ, Zandkarimi F, Saberi S, Valanezhad A, Shahabi S, Effect of Nd: YAG laser irradiation on microtensile bond strength of universal adhesives to dentin, *Laser Physics* 31 (5), 055602, 2021. (Impact Factor: 1.231) <https://doi.org/10.1088/1555-6611/abefe9>
7. Khodaei M, Valanezhad A (corresponding Author), Fabrication and Characterization of Dental Implants with Yttria- Stabilized Zirconia, *Journal of Isfahan Dental School*, 17(1) 2021. (Impact Factor: 0)
8. Valanezhad A, Shahabi S, Hashemian A, Davaie S, Nourani MR, Abe S, Watanabe I, Behroozibakhsh M, Preparation of a PLGA-coated porous bioactive glass scaffold with improved mechanical properties for bone tissue engineering approaches, *Regenerative Engineering and Translational Medicine*, 1-9, 2021. (Impact Factor: 2.400) <https://doi.org/10.1007/s40883-021-00196-0>

9. Safaei S, Valanezhad A (corresponding Author), Nesabi M, Jafarnia S, Sano H, Shahabi S, Abe S, Watanabe I, Fabrication of bioactive glass coating on pure titanium by sol-dip method: Dental applications, Dental Materials Journal, 2020-323, 2021. (Impact Factor: 2.102) <https://doi.org/10.4012/dmj.2020-323>
10. Kodama K, Valanezhad A (corresponding Author), Khodaei M, Safaei S, Jafarnia S, Nesabi M, Abe S, Watanabe I, Murata H, A novel coating layer on zirconia using modified zinc phosphatizing method, Dental Materials Journal, 2020-253, 2021. (Impact Factor: 2.102) <https://doi.org/10.4012/dmj.2020-253>
11. Jafarnia S, Valanezhad A (corresponding Author), Shahabi S, Abe S, Watanabe I, Physical and mechanical characteristics of short fiber-reinforced resin composite in comparison with bulk-fill composites, Journal of Oral Science, 20-0436, 2021. (Impact Factor: 2.102) <https://doi.org/10.2334/josnurd.20-0436>
12. Khodaei M, Nejatidanesh F, Shirani MJ, Iyengar S, Sina H, Valanezhad A (corresponding Author), Savabi O, Optimum temperature and chlorine ion concentration for hydrogen peroxide treatment of titanium dental implant material, Journal of Materials Research and Technology 9 (6), 13312-13319, 2020. (Impact Factor: 5.298) <https://doi.org/10.1016/j.jmrt.2020.09.040>
13. Endo R, Nakanishi K, Bando Y, Abe S, Maruoka H, Nakamura M, Akasaka T, Yoshida Y, Sato Y, Ion capture and release ability of glass ionomer cement containing nanoporous silica particles with different pore and particle size. Materials, 14, 5742(1-8), 2021.