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Papers in Journals

1. Alireza Mahmoudi Nahavandi , & Mohammad Amani Tehran,Metric for evaluation of filter efficiency in spectral cameras,Applied Optics,Vol. 2016,No. 32,pp. 9193-9204,2016,ISI.
2. Abdi, Ali Ashtiani et al.,Correlating the Photophysical Properties with the Cure Index of Epoxy Nanocomposite Coatings,Journal of Inorganic and Organometallic Polymers and Materials,Vol. 31,No. 3,pp. 923-933,2021/3.
3. Mahmoudi Nahavandi, Alireza,Taking Full Advantage of RGB Sensor's Colorimetric Characteristics in Multi-Spectral Imaging,Progress in Color, Colorants and Coatings,Vol. 13,No. 2,pp. 121-130,2020 5 1.
4. The effect of ceramic thickness on opalescence,Clinical and Experimental Dental Research,Vol. 6,No. 6,pp. 693-699,2020-12.
5. Nahavandi, Alireza Mahmoudi , Safi, Mahdi , Ojaghi, Pouya , Hardeberg, Jon Yngve,LED primary selection algorithms for simulation of CIE standard illuminants,Optics Express,Vol. 28,No. 23,pp. 34390-34405,2020 11 9.
6. Prediction of preterm labor by the level of serum magnesium using an optimized linear classifier,Medical Journal of the Islamic Republic of Iran,Vol. 34,pp. 32,2020.
7. Discoloration of teeth due to different intracanal medicaments,Restorative dentistry & endodontics,Vol. 44,No. 1,pp. 11,2019 2 1.
8. Masoomeh Hasani Tabatabaei , Alireza Mahmoudi Nahavandi , Sotude Khorshidi , Sedighe Sadat Hashemikamangar,Fluorescence and Opalescence of Two Dental Composite Resins,European Journal of Dentistry,Vol. 13,No. 4,pp. 527-534,2019.
9. Mahmoudi Nahavandi, Alireza,Noise segmentation for improving performance of Wiener filter method in spectral reflectance estimation,Color Research & Application,Vol. 43,No. 3,pp. 341-348,2018-6.
10. Shahabi, Sima , Assadian, Hadi , Mahmoudi Nahavandi, Alireza , Nokhbatolfoghahaei, Hanieh,Comparison of tooth color change after bleaching with conventional and different light-activated methods,Journal of lasers in medical sciences,Vol. 9,No. 1,pp. 27,2018.
11. Alireza Mahmoudi Nahavandi ,& Mohammad Amani Tehran,Image-based spectral transmission estimation using "sensitivity comparison",Applied optics,Vol. 56,No. 3,pp. 417-423,2017 1 20.
12. Alireza Mahmoudi Nahavandi, Mohammad Amani Tehran,A New Manufacturable Filter Design Approach for Spectral Reflectance Estimation,Color Research & Application,Vol. 2018,No. 43,pp. 1-8,2017,thomson reuters.
13. Farzaneh Afkhami , Sadaf Elahy , Alireza Mahmoudi , Nahavandi,Spectrophotometric analysis of crown discoloration following the use of silver nanoparticles combined with calcium hydroxide as intracanal medicament,Journal of clinical and experimental dentistry,Vol. 7,No. 9,pp. e842,2017.