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B.Sc in Physics, Sharif Univ of Technology

M.Sc in Physics, Shahid Beheshti Univ

Ph.D in Photonics, Shahid Beheshti Univ

Assistant Prof in Shahid Beheshti Univ (2011-2012)

Assistant Prof in Kashan Univ, (from 2012)

Research Area:

THz, Laser, Spectroscopy

Papers:

- 1) M Nazeri and R Massudi " Study of a large-area THz antenna by using a finite difference time domain method and lossy transmission line" *Semicond. Sci. Technol.* 25 (2010) 045007 (7pp)
- 2) M. Nazeri, R. Massudi "Study on effect of dispersion of probe pulse on measuring THz pulse propagating in ZnTe crystal" *Meas. Sci. Inst.* 21 (2010) 115601 (7pp)
- 3) Eslami, A. S. Arabanian, R. Massudi, M. Nazeri " Spatially Resolved Laser-Induced Breakdown Spectroscopy in Methane–Air Diffusion Flames" *APPLIED SPECTROSCOPY (Applied Spectroscopy, Vol. 65, Issue 1, pp. 36-42 (2011))*
- 4) Omid Panahi • Majid Nazeri • Seyed Hassan Tavassoli," Design and construction of a tunable pulsed Ti:sapphire laser", *J Theor Appl Phys* , (2015) ,9 , 99-103
- 5) H. Abbasi, M.Nazeri, S. A. Mireei و Design and development of a LabVIEW-based LED-induced fluorescence spectroscopy system with applications in non-destructive quality assessment of agricultural products , *Journal of Physics: Conference Series IOP* 672 (2016) 012010
- 6) (با Citrus limetta مومکش-میره ای -مرتضوی -ناظری ، تخمین پارامترهای کیفی لیموشیرین)
مهندسی بیوسیستم ایران ، دوره ۷ Vis/SWNIR استفاده از روش غیرمخرب طیفسنجی ،
شماره ۴ - ۱۳۹۵ - (ص ۶۰۳-۶۱۳)

- 7) Majid Nazeri et al. LASER-INDUCED BREAKDOWN SPECTROSCOPY VIA THE SPATIALLY RESOLVED TECHNIQUE USING NON-GATED DETECTOR, , Journal of Russian Laser Research, Volume 37, Number 1, January, 2016 , p4
- 8) Shahram Moomkesh Seyed Ahmad Mireei وMorteza Sadeghi. Majid Nazeri , Early detection of freezing damage in sweet lemons using Vis/SWNIR spectroscopy, Biosystems Engineering , 164 (2017) 157 -170
- 9) Majid nazeri and Hamed Abbasi, Study of Terahertz Antenna by Surface Wave Theory, Iranian journal of science and technology, Iran J Sci Technol Trans Sci (2017) 41, p1055–1061
- 10) Shahram Moomkesh Seyed Ahmad Mireei و Morteza Sadeghi. Majid Nazeri, Early detection of freezing damage in sweet lemons using Vis/SWNIR spectroscopy, Biosystems Engineering, Vol. 164, pp. 157, 2017.
- 11) . Seyed Ahmad Mirei, Samqni amini Bozveh, Majid Nazeri, Selecting optimal wavelengths for detection of insect infested tomatoes based on SIMCA-aided CFS algorithm, POSTHARVEST BIOL TEC, 2017, ISI , SCOPUS.
- 12) H. Abbasi, M. Nazeri, A. Balooch, “LIF spectroscopy of Fruits: study of excitation wavelength independent”, The third Iranian conference on engineering electromagnetic (ICEEM Dec 2014)
- 13) H. Abbasi, M. Nazeri, S. A. Mirei, “Design and Developing of a LabVIEW-based Spectrofluorometer for Non-destructive Quality Assessment of Horticultural Products”, 4TH INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS, SCIENCE CONGRESS & EXHIBITION MUGLA / TURKEY APRIL 24 – 27, 2014
- 14) M. Nazeri, H. Abbasi, “Measuring electron density, electric field and temperature of a micro-discharge air plasma jet using optical emission spectroscopy”, 2nd IEEE international conference on KBE, 2015
- 15) A. Balooch, M. Nazeri and H. Abbasi , “Implementation of webcam-based hyperspectral imaging system”, winter college of optics, The abdu salam international center of theoretical physics. 15-26 Feb 2016
- 16) Studying Tunability of Some NIR Semiconductor Lasers by External Cavity Setup, Mohammad Amin Bania, Majid Nazeri, Hamed Abbasib, 3rd International Conference on Applications of Optics and Photonics, Faro, Portugal, May 8-12, 2017
- 17) A. Balooch, M. Nazeri, H. Abbasi, Implementation of webcam-based hyperspectral imaging system (2018) SPIE OPTO, 2018 , Proc. of SPIE Vol. 10539 105391B-1
- 18) Majid Nazeri, Ahmad Sajedi, Change of terahertz antenna spectrum when surrounding dielectric alters, Optik, Vol. 183, pp. 650-655, 23 1 2019.