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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-4986-2018

Yoksis Researcher ID: 27014

Foreign Languages

English, B2 Upper Intermediate

German, B2 Upper Intermediate

Research Areas

Physics

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Fizik, 2018 - Continues

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Fizik, 2006 - 2018

Research Assistant, Kocaeli University, Fen Edebiyat Fakültesi, Fizik, 1998 - 2006

Advising Theses

Kenar Lim N., Porto şarap lekesi (PWS) doğum lekelerinin lazerli fotodinamik tedavisinin optimizasyon çalışmaları, Postgraduate, E.DAMLA(Student), 2019

Kenar Lim N., Fotodinamik teranostik uygulamalar için insan serviks dokularındaki ışık dağılımının modellenmesi, Postgraduate, N.EROL(Student), 2018

Kenar Lim N., İnsan jinekolojik dokularının optik karakterizasyonu, Postgraduate, D.ERDAŞ(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- Development of a new multi-mode NIR laser system for photodynamic therapy**
Kamanli A. F., Yildiz M. Z., Arslan H., ÇETİNEL G., KENAR LIM N., Lim H. S.
OPTICS AND LASER TECHNOLOGY, vol.128, 2020 (SCI-Expanded)

- II. **Optimization of Nd:YAG Laser Welding of Magnesium**
DEMİR A., AKMAN E., CANEL T., Ertuerk S., KAYA A. A., Kenar N., SINMAZÇELİK T., URHAN O.
JOURNAL OF LASER MICRO NANOENGINEERING, vol.2, no.1, pp.108-113, 2007 (SCI-Expanded)
- III. **Investigation of effects of double pulse configuration on efficiency of Ni-like and Co-like X-ray resonance lines emitted from laser produced silver plasmas**
Canel T., DEMİR A., Kenar N.
CZECHOSLOVAK JOURNAL OF PHYSICS, vol.56, 2006 (SCI-Expanded)
- IV. **Simulation of Ni-like and Co-like X-rays emitted from laser produced tin plasmas**
ATALAY B., AYDIN R., Demir A., KENAR N., Kacar E.
CZECHOSLOVAK JOURNAL OF PHYSICS, vol.56, 2006 (SCI-Expanded)
- V. **Comparison of simulated X-ray conversion efficiency of laser produced iron plasma with experimental results**
Demir A., KENAR LIM N., Tallents G.
APPLIED PHYSICS B-LASERS AND OPTICS, vol.78, pp.945-948, 2004 (SCI-Expanded)
- VI. **Modelling of Ne-like Copper X-ray laser driven by 1.2 ps short pulse and 280 ps background pulse configuration**
Demir A., Kenar N.
CZECHOSLOVAK JOURNAL OF PHYSICS, vol.54, pp.344-348, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Some synergetic therapy strategies for overcoming hypoxia for photodynamic therapy of cancer**
Chai T., Li Y., KENAR LIM N., Lim H. S., Temple H., Chen X., Chen W.
JOURNAL OF CANCER METASTASIS AND TREATMENT, 2023 (ESCI)
- II. **Estimation of Photon Distribution within Biological Tissue Using Monte Carlo Simulation**
LIM H. S., KENAR N.
Biomedical Journal of Scientific Technical Research (BJSTR), vol.1, no.4, pp.1-3, 2017 (Peer-Reviewed Journal)
- III. **Mouse Tumor Necrosis Using Photodynamic Therapy**
KENAR N., LIM H. S.
Journal of Tumor Medicine Prevention (JTMP), vol.1, no.1, pp.1-4, 2017 (Peer-Reviewed Journal)
- IV. **Gafchromic RTQA Film Dosimetry For Laser Beam With Photodynamic Therapy**
LEE B. K., LIM H. S., KENAR N.
Journal of Biomedical Engineering Research, vol.34, no.2, pp.73-79, 2013 (Peer-Reviewed Journal)
- V. **Conversion efficiency calculations for EUV radiation emitted from laser-produced Tin plasmas**
ATALAY B., KENAR N., DEMİR A.
TURKISH JOURNAL OF PHYSICS, vol.33, no.6, pp.363-368, 2009 (Scopus)
- VI. **Progresses on the Theoretical and Experimental Studies in Laser Technologies Research and Application Center In Kocaeli**
AKMAN E., ATALAY B., CANDAN L., CANEL T., DEMİR A., DEMİR P., ERTÜRK S., GENÇ ÖZTOPRAK B., KAÇAR E., KENAR N., et al.
American Institute of Physics, vol.899, pp.331-332, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **In Vivo Study of Laser Irradiation Techniques for the Treatment and Palliation of Lung Cancer Using Photodynamic Therapy**
KENAR N., LIM H. S.
in: Palliative Care for Chronic Cancer Patients in the Community, Silbermann, Michael, Editor, Springer International Publishing, pp.551-560, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Tissue Optics Studies for Photodynamic Therapy Applications of Human Port Wine Stains**
SARIŞEN E. D., KENAR N.
2. International Conference on Life and Engineering Sciences (ICOLES 2019), İstanbul, Turkey, 27 - 29 June 2019
- II. **Photodynamic Complex System For Multiple Diagnostic And Therapeutic Equipment**
LIM H. S., KENAR N.
Korean Scientists and Engineers Association in France Spring 2019 Meeting, Lyon, France, 20 - 22 April 2019
- III. **Optical Characterization Of Human Myometrium Tissues**
Erdaş D., Bölükbaşı Ateş G., KENAR N.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi (TFD33), Muğla, Turkey, 6 - 10 September 2017
- IV. **Optical Characterization of Human Tissues for Photodynamic Theranostic Applications**
EROL N., KENAR N., LIM H. S.
Turkish Physics Association 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- V. **Determination of Optimal Trapping Parameters of Red Blood Cells**
KARADEMİRCİ Y., ERDAS D., BÜŞRANUR G., KENAR N., KAÇAR E.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.161
- VI. **Mechanism of Novel Photodynamic Therapy and Dosimetry Calculations for Metastatic Cancer Treatments**
KENAR N., LEE B. K., LUN M., LIM H. S., CHEN W.
16th International Photodynamic Association World Congress, IPA2017, Coimbra, Portugal, 8 - 13 June 2017
- VII. **Laser Irradiation Techniques Affect Thermal Damage in Photodynamic Therapy: A Comparative Animal Study**
KENAR N., LIM H. S.
International Conference on Laser Applications in Life Sciences LALS 2014, Neu-Ulm, Germany, 29 June - 02 July 2014
- VIII. **Development of multiwavelength excitation light source for autofluorescence and photodynamic diagnosis systems**
KENAR LIM N., Lim H. S., Mirzaaghasi A.
Conference on Advanced Biomedical and Clinical Diagnostic and Surgical Guidance Systems XII, San-Francisco, Costa Rica, 2 - 04 February 2014, vol.8935

Supported Projects

KAÇAR E., KENAR LIM N., ÖZTÜRK E., LIM H. S., Project Supported by Higher Education Institutions, BİYOLOJİK HÜCRELERİN TUZAKLANMASI VE MANİPÜLASYONU İÇİN BİLGİSAYAR KONTROLLÜ OPTİK CİMBİZ SİSTEMİNİN TASARIMI VE GERÇEKLENMESİ, 2017 - 2022

Kenar Lim N., Project Supported by Higher Education Institutions, Biyolojik Hücrelerin Tuzaklanması ve Manipülasyonu için Bilgisayar Kontrollü Optik Cımbız Sisteminin Tasarımı ve Gerçeklenmesi, 2017 - 2022

Kenar Lim N., TUBITAK Project, Development of a Multiirradiation Mode Photodynamic Therapy Laser System, 2017 - 2018

Kenar Lim N., Project Supported by Higher Education Institutions, Development, Prototyping and Applications of a Diode Laser System with Multiple Irradiation Modes for Photodynamic Therapy and Establishment of a Biomedical Research Laboratory, 2015 - 2016

KENAR LIM N., TUBITAK Project, İnsan Jinekolojik Dokularının Optik Özelliklerinin in vitro Ölçümü, 2011 - 2012

Metrics

Publication: 21

Citation (WoS): 16

Citation (Scopus): 17

H-Index (WoS): 2

H-Index (Scopus): 2

Non Academic Experience

Sakarya Üniversitesi Teknoloji Fakültesi Elektrik-Elektronik Mühendisliği Bölümü

Chungnam National University

MEB Ankara Yenimahalle Mimar Sinan Lisesi

MEB Ordu Fatsa Lisesi