

Research Projects :

Research Title	year	Case	magazine
Ophthalmic transponder with nano-dispersion capability (A nano-second Time-resolved photoacoustic Transduser)	1999	Published	The invention of the Central Agency for Standardization and Quality Control No. (2774) dated 17/6/1999
Nuclear techniques to study corrosion in tin and tinplates	6-11. Dec. 1975	Published	Second Conference of the Scientific Research Foundation / Baghdad
Interferometric studies of aqueous solution	1979	Published	Message
Design and construction of a nitrogen laser	1982	Unpublished	
Time-Resolved photoacoustic studies of vascular tissue ablation at three laser wavelingths F.W. Cross	1987	Published	Appl.phys.lett.50 (15) 1019, (1987)
Photoacoustic studies and selective ablation of vascular tissue at three wavelingths	1987	Published	Fifth annuil conferencev on laser in medicine and surgery
Evidence from photoacoustic spectroscopy for a photoablation process in the UV –laser ablation vascular tissue	1987	Published	Am.Soc.For laser medi.surg.
Ablation and acoustic responses of pulsed UV – laser irradiated vascular tissue in liquid environment	1988	Published	J.Appl.Phys,64(4),2194, (1988)

Ablation and acoustic response of pulsed laser irradiated vascular tissue in liquid	1988	Published	Pros.SPIE.V908.
Photoacoustic studies of UV- laser tissue ablation	1988	Published	CLEO 88,THF 314
Development and interaction of excimer laser with tissue	1988	Published	Doctoral Thesis
Dual Excimer and Co2 laser etching studies of Polyethylene Terephthalate	1989	Published	Appl.Phys.B.49,435-440(1989)
Characterization of fluorescence spectra produced by excimer laser irradiated of the cornea	1990	Published	Investigative ophthalmology and vascular science Vol.-31,No8.1512-18
Photoacoustic studies and selective ablation of vascular tissue using pulsed dye laser	1990	Published	Appl.Phys.B.51,81-85 (1990)
Transient photoacoustic studies of laser cornea ablation	1990	Published	Pros.SPIE.
Study of the human cartilage with XeCl laser	2000	Published	G.Coll.Educ.for woman,Univ. of Baghdad Vol 11(1),151
Comparative study between healthy and Arthritics human synovial membrane ablation with XeCl laser	2000	Published	J.Coll.Educ.for woman,Univ. of Baghdad Vol 11(1),160
Marking of metals with KrF laser	2001	Published	Eng.Technology No.2,Vol.20,114
Enhancing the 1.06um ablation of copper and Aluminum using KrF laser radiation	2001	Published	Iraqi.J.Sci.Vol.42C,No.1,14
Identification of UV laser removed blockages in vascular tissue	2006	Published	Uvio.of Taiz Res.J.No.9,409-17
Spectroscopic analysis of ablated products for Nylon	2007	Published	Uvio.of Taiz Res.J.No.10,312-18

Effect of Pulsed Laser Package Nd: YAG on Ultrasound Sensor Made of Polymeric PVDF	2014	Published	Anbar University Journal of Pure Sciences
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