Research Projects:

Research Title	year	Case	magazine
Ophthalmic transponder with nano- dispersion capability . (A nano-second Time-resolved photoacouastic 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
Interferometeric studies of aqueous solution	1979	Published	Message
Design and construction of a nitrogen laser	1982	Unpublis hed	
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 respones of pulsed UV – laser irradited vascular tissue in liquid environment	1988	Published	J.Appl.Phys,64(4),2194, (1988)

spectra produced by excimer laser irradiated of the cornea Photoacoustic studies and selective ablation of vascular tissue using pulsed dye laser Transient photoacoustic studies of laser cornea ablation Study of the human carttage with XeCl laser Comparative study btween healthy and Arthritics human synovlal membrane ablation with XeCl laser Marking of metals with KrF laser Enhancing the 1.06um ablation of copper and Aluminum using KrF laser radiation Published Published Published Appl.Phsy.B.51,81-85 (1990) Published Published Appl.Phsy.B.51,81-85 (1990) Published Pros.SPIE. G.Coll.Educ.for woman,Univ. of Baghdad Vol 11(1),151 J.Coll.Educ.for woman,Univ. of Baghdad Vol 11(1),160 Published Fing.Technology No.2,Vol.20,114 Published Iraqi.J.Scei.Vol.42C,No.1,1				
tissue ablation Development and interaction of excimer laser with tissue Dual Excimer and Co2 laser etching studies of Polyethylene Terephthalate Characterization of fluoresence spectra produced by excimer laser irradiated of the cornea Photoacoustic studies and selective ablation of vascular tissue using pulsed dye laser Transient photoacoustic studies of laser cornea ablation Study of the human carttage with XeCl laser Comparative study btween healthy and Arthritics human synovlal membrane ablation with XeCl laser Marking of metals with KrF laser Enhancing the 1.06um ablation of copper and Aluminum using KrF laser radiation Published Published Published Published Published Published CLEO 88,THF 314 Doctoral Thesis Appl.Phys.B.49,435-440(1989) Investigative ophthalmolog and vascular scienceVol31,No8.1512-18 Appl.Phys.B.49,435-440(1989) Published Appl.Phys.B.49,435-440(1989) Investigative ophthalmolog and vascular scienceVol31,No8.1512-18 Appl.Phys.B.49,435-440(1989) Published Appl.Phys.B.49,435-440(1989) Published Appl.Phys.B.49,435-440(1989) Investigative ophthalmolog and vascular scienceVol31,No8.1512-18 Appl.Phys.B.49,435-440(1989) Investigative ophthalmolog and va	pulsed laser irradiated vascular	1988	Published	Pros.SPIE.V908.
Dual Excimer and Co2 laser etching studies of Polyethylene Terephthalate 1989 Published Appl.Phys.B.49,435-440(1989)		1988	Published	CLEO 88,THF 314
Studies of Polyethylene Terephthalate Characterization of fluoresence spectra produced by excimer laser irradiated of the cornea Photoacoustic studies and selective ablation of vascular tissue using pulsed dye laser Transient photoacoustic studies of laser cornea ablation Study of the human carttage with XeCl laser Comparative study btween healthy and Arthritics human synovlal membrane ablation with XeCl laser Marking of metals with KrF laser Studies of Polyethylene Terephthalate 1989 Published Published Investigative ophthalmolog and vascular scienceVol31,No8.1512-18 Appl.Phsy.B.51,81-85 (1990) Published Pros.SPIE. G.Coll.Educ.for woman,Univ. of Baghdad Vol 11(1),151 J.Coll.Educ.for woman,Univ. of Baghdad Vol 11(1),160 Published Fing.Technology No.2,Vol.20,114 Enhancing the 1.06um ablation of copper and Aluminum using KrF laser 2001 Published Iraqi.J.Scei.Vol.42C,No.1,1	-	1988	Published	Doctoral Thesis
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Marking of metals with KrF laser 2001 Published No.2,Vol.20,114 Enhancing the 1.06um ablation of copper and Aluminum using KrF laser radiation Published Iraqi.J.Scei.Vol.42C,No.1,1	and Arthritics human synovlal	2000	Published	woman,Univ. of Baghdad
copper and Aluminum using KrF laser radiation 2001 Published Iraqi.J.Scei.Vol.42C,No.1,1	Marking of metals with KrF laser	2001	Published	0
Identification of IIV layer removed	copper and Aluminum using KrF	2001	Published	Iraqi.J.Scei.Vol.42C,No.1,14
blokages in vascular tissue 2006 Published Ovio.01 1aiz Res.J.No.9,409	Identification of UV laser removed blokages in vascular tissue	2006	Published	Uvio.of Taiz Res.J.No.9,409- 17
Spectroscopic analysis of ablated producte for Nylon 2007 Published Uvio.of Taiz Res.J.No.10,312-18		2007	Published	

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