

John F Black

List of Publications by Year in descending order

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27
papers

691
citations

840776

11
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic comparison of blood undergoing laser photocoagulation at 532 and 1,064 nm. Lasers in Surgery and Medicine, 2005, 36, 155-165.	2.1	95
2	Chemical and Structural Changes in Blood Undergoing Laser Photocoagulation. Photochemistry and Photobiology, 2004, 80, 89.	2.5	94
3	Photofragment investigations of the 280 nm photodissociation of methyl iodide using rempii atom detection. Chemical Physics, 1988, 125, 375-388.	1.9	89
4	Cooperative Phenomena in Two-pulse, Two-color Laser Photocoagulation of Cutaneous Blood Vessels. Photochemistry and Photobiology, 2001, 73, 642-650.	2.5	89
5	Rotational structure and predissociation dynamics of the methyl 4pz(v=0) Rydberg state investigated by resonance enhanced multiphoton ionization spectroscopy. Journal of Chemical Physics, 1988, 89, 3986-3992.	3.0	79
6	Treatment of Spider Veins Using a 10 Millisecond Pulse-Duration Frequency-Doubled Neodymium YAG Laser. Dermatologic Surgery, 1999, 25, 316-320.	0.8	72
7	Photofragment orientation as a probe of near-threshold non-adiabatic phenomena in the photodissociation of ICN. Molecular Physics, 1990, 71, 1143-1153.	1.7	38
8	Thermal analysis of blood undergoing laser photocoagulation. IEEE Journal of Selected Topics in Quantum Electronics, 2001, 7, 936-943.	2.9	29
9	Design and characterization of a combined OCT and wide field imaging falloposcope for ovarian cancer detection. Biomedical Optics Express, 2017, 8, 124.	2.9	28
10	Swept wavelength source in the 1 Åµm range. Optics Express, 2005, 13, 4096.	3.4	18
11	Cooperative phenomena in two-pulse two-color laser photocoagulation of cutaneous blood vessels. , 2001, , .		12
12	Competing ionization and dissociation of methyl iodide in the one-photon A-band region. Chemical Physics Letters, 1988, 148, 479-485.	2.6	11
13	Time-domain optical and thermal properties of blood undergoing laser photocoagulation. , 2001, , .		10
14	Ultraminiature optical design for multispectral fluorescence imaging endoscopes. Journal of Biomedical Optics, 2017, 22, 036013.	2.6	10
15	<title>Optical and magnetic resonance changes in photothermally coagulating blood</title>. , 2002, , .		7
16	Development of a singleâ€longitudinalâ€mode, highâ€peakâ€power, tunable pulsed dye laser. Review of Scientific Instruments, 1994, 65, 2755-2761.	1.3	3
17	Chemical and Structural Changes in Blood Undergoing Laser Photocoagulation^{Å¶}. Photochemistry and Photobiology, 2004, 80, 89-97.	2.5	3
18	Observation of perturbations in the rotational manifold of the CN B2Ï+ν= 1 level caused by interaction with the CN A2Ïiv= 12 level. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 525-529.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Optical design of an optical coherence tomography and multispectral fluorescence imaging endoscope to detect early stage ovarian cancer. Proceedings of SPIE, 2014, , .	0.8	1
20	A six-color four-laser mobile platform for multi-spectral fluorescence imaging endoscopy. Proceedings of SPIE, 2015, , .	0.8	1
21	Stray light mitigation in a novel endoscope for fallopian tubes. , 2015, , .		1
22	Broad bandwidth light-wave frequency synthesizer in the 1-1.1- $\hat{1}$ / ₄ m range. , 2005, , .		0
23	Air-cooled mode-locked laser for production of green, ultraviolet, and broadband light. , 2005, , .		0
24	CO ₂ sensing with a 1.432 $\hat{1}$ / ₄ m Nd:YAlO ₃ laser. Optical Engineering, 2015, 54, 106104.	1.0	0
25	Multispectral fluorescence imaging of human ovarian and Fallopian tube tissue for early stage cancer detection. , 2015, , .		0
26	Design of an everting balloon to deploy a microendoscope to the fallopian tubes. Proceedings of SPIE, 2016, , .	0.8	0
27	A Six-Color Four-Laser Mobile Platform for Multi-Spectral Fluorescence Imaging Endoscopy. , 2015, , .		0