

# Consuela Elena Matei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1009917/publications.pdf>

Version: 2024-02-01

12  
papers

170  
citations

1307594

7  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethylene and ammonia traces measurements from the patients'™ breath with renal failure via LPAS method. Applied Physics B: Lasers and Optics, 2011, 105, 669-674.	2.2	43
2	Ultrasensitive CO2 laser photoacoustic system. Infrared Physics and Technology, 2010, 53, 308-314.	2.9	28
3	Evaluation of ammonia absorption coefficients by photoacoustic spectroscopy for detection of ammonia levels in human breath. Laser Physics, 2011, 21, 796-800.	1.2	25
4	Qualitative and quantitative determination of human biomarkers by laser photoacoustic spectroscopy methods. Laser Physics, 2011, 21, 1336-1342.	1.2	23
5	The level of ethylene biomarker in the renal failure of elderly patients analyzed by photoacoustic spectroscopy. Laser Physics, 2013, 23, 125701.	1.2	21
6	Laser Processed Antimicrobial Nanocomposite Based on Polyaniline Grafted Lignin Loaded with Gentamicin-Functionalized Magnetite. Polymers, 2019, 11, 283.	4.5	15
7	CO2 laser photoacoustic measurements of ethanol absorption coefficients within infrared region of 9.2-10.8µm. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 163, 115-119.	3.9	9
8	Composite Drug Delivery System Based on Amorphous Calcium Phosphate-Chitosan: An Efficient Antimicrobial Platform for Extended Release of Tetracycline. Pharmaceutics, 2021, 13, 1659.	4.5	5
9	CO 2 laser ablation of biological tissue. , 1998, , .		1
10	<title>Laser-induced tissue ablation described by linear mass loss model</title>. , 2000, , .		0
11	Energy of neutral atoms ejected during ultrashort laser ablation of metals. , 2004, , .		0
12	<title>Acousto-optic laser beam deflection for compensation of hand tremor</title>. , 2007, , .		0