

# Ali Bavali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/807655/publications.pdf>

Version: 2024-02-01

15  
papers

177  
citations

1307594

7  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	SF6 leak detection of high-voltage installations using TEA-CO2 laser-based DIAL. Optics and Lasers in Engineering, 2010, 48, 491-499.	3.8	30
2	Fluorescence properties of doxorubicin coupled carbon nanocarriers. Applied Optics, 2017, 56, 7498.	1.8	28
3	Angular distribution of laser-induced fluorescence emission of active dyes in scattering media. Applied Optics, 2018, 57, B32.	1.8	25
4	Laser induced fluorescence spectroscopy of various carbon nanostructures (GO, G and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,622 Td (na	2.9	22
5	Simultaneous fluorescence and breakdown spectroscopy of fresh and aging transformer oil immersed in paper using ArF excimer laser. Optics and Lasers in Engineering, 2012, 50, 1672-1676.	3.8	15
6	Fluorescence quenching effects of carbon nano-structures (Graphene Oxide and Nano Diamond) coupled with Methylene Blue. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117888.	3.9	14
7	Fluorescence properties of methylene blue molecules coupled with metal oxide nanoparticles. OSA Continuum, 2020, 3, 688.	1.8	13
8	Optical anisotropy measurement in normal and cancerous tissues: backscattering technique. Biomedical Optics Express, 2020, 11, 2996.	2.9	7
9	Assay of honey freshness by a novel optical technique. Scientific Reports, 2022, 12, 901.	3.3	6
10	Angular study of laser induced fluorescence emission of hybrid media based on Stern-Volmer formalism. OSA Continuum, 2021, 4, 15.	1.8	5
11	Laser induced fluorescence and breakdown spectroscopy and acoustic response, to discriminate malignant and normal tissues. , 2013, , .		4
12	Anisotropic behavior of random lasing in a highly concentrated dye solution. Optics Express, 2022, 30, 15685.	3.4	3
13	Novel Techniques for Safer Operation of Present Nuclear Power Plants After Fukushima Disaster. Recent Patents on Mechanical Engineering, 2012, 6, 58-74.	0.3	2
14	Optical characterization of the liver tissue affected by fibrolamellar hepatocellular carcinoma based on internal filters of laser-induced fluorescence. Scientific Reports, 2022, 12, 6116.	3.3	2
15	LIF spectroscopy of epithelial tissues: Assay of structural changeover due to the cancer progression. Journal of Photochemistry and Photobiology B: Biology, 2022, 233, 112482.	3.8	1