

# Mehmet D Bilgin

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

649  
citations

840585

11  
h-index

580701

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound versus Light: Exploring Photophysicochemical and Sonochemical Properties of Phthalocyanine-Based Therapeutics, Theoretical Study, and In Vitro Evaluations. ACS Applied Bio Materials, 2022, 5, 1139-1150.	2.3	32
2	Evaluation of photodynamic therapy against <i>Leishmania tropica</i> promastigotes using different photosensitizers. Photodermatology Photoimmunology and Photomedicine, 2022, 38, 354-364.	0.7	2
3	The photo-physicochemical properties and in vitro sonophotodynamic therapy activity of Di-axially substituted silicon phthalocyanines on PC3 prostate cancer cell line. Dyes and Pigments, 2021, 184, 108760.	2.0	43
4	Acute effects of energy drink on hemodynamic and electrophysiologic parameters in habitual and non-habitual caffeine consumers. Clinical Nutrition ESPEN, 2021, 42, 333-338.	0.5	5
5	Reply to "Changes in energy drink consumption during the COVID-19 quarantine." Clinical Nutrition ESPEN, 2021, 45, 520.	0.5	0
6	Novel approaches for COVID-19 diagnosis and treatment: a nonsystematic review. Turkish Journal of Biology, 2021, 45, 358-371.	2.1	3
7	Titaniumdioxide mediated sonophotodynamic therapy against prostate cancer. Journal of Photochemistry and Photobiology B: Biology, 2021, 225, 112333.	1.7	20
8	Comparison of the Effects of Electroacupuncture and Melatonin on Nerve Regeneration in Experimentally Nerve-Damaged Rats. JAMS Journal of Acupuncture and Meridian Studies, 2021, 14, 176-182.	0.3	0
9	Pterostilbene administration improves the recovery potential of extremely low-frequency magnetic field in acute renal ischemia-reperfusion injury: An FTIR spectroscopic study. Turkish Journal of Biology, 2020, 44, 48-60.	2.1	2
10	Non-linear analysis of heart rate variability for evaluating the acute effects of caffeinated beverages in young adults. Cardiology in the Young, 2020, 30, 1018-1023.	0.4	7
11	A novel bidentate ligand containing oxime, hydrazone and indole moieties and its BF <sub>2</sub> bridged transition metal complexes and their efficiency against prostate and breast cancer cells. Applied Organometallic Chemistry, 2020, 34, e5632.	1.7	18
12	Pheophorbide a-mediated sonodynamic, photodynamic and sonophotodynamic therapies against prostate cancer. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101909.	1.3	20
13	Evaluation of the Anti-cancer and Biological Effects of Boric Acid on Colon Cancer Cell Line. Meandros Medical and Dental Journal, 2020, 21, 238-243.	0.1	4
14	Assessment of the Effects of Light and Sound Impulses on the Electrical Potential of the Eye and Ocular Muscles. Meandros Medical and Dental Journal, 2020, 21, 251-256.	0.1	0
15	Mathematical morphology-based imaging of gastrointestinal cancer cell motility and 5-aminolevulinic acid-induced fluorescence. Biomedizinische Technik, 2019, 64, 711-720.	0.9	3
16	Nonlinear analysis of electrodermal activity signals for healthy subjects and patients with chronic obstructive pulmonary disease. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 487-494.	1.4	4
17	Protoporphyrin IX-loaded magnetoliposomes as a potential drug delivery system for photodynamic therapy: Fabrication, characterization and in vitro study. Photodiagnosis and Photodynamic Therapy, 2016, 13, 81-90.	1.3	35
18	Early Alterations in Bone Characteristics of Type I Diabetic Rat Femur: A Fourier Transform Infrared (FT-IR) Imaging Study. Applied Spectroscopy, 2016, 70, 2005-2015.	1.2	19

#	ARTICLE	IF	CITATIONS
19	Assessment of the Effects of Extremely Low Frequency Electromagnetic Fields on. Iranian Journal of Parasitology, 2016, 11, 159-167.	0.6	2
20	Effect of Pulsed Electromagnetic Field on MMP-9 and TIMP-1 Levels in Chondrosarcoma Cells Stimulated with IL-1 $\beta$ . Asian Pacific Journal of Cancer Prevention, 2015, 16, 2701-2705.	0.5	5
21	Protective effects of citicoline on TNBS-induced experimental colitis in rats. International Journal of Clinical and Experimental Medicine, 2014, 7, 989-97.	1.3	7
22	Electrophysiological and theoretical analysis of melatonin in peripheral nerve crush injury. Journal of Neuroscience Methods, 2010, 191, 277-282.	1.3	29
23	The effect of diabetes mellitus on rat skeletal extensor digitorum longus muscle tissue: An FTIR study. Spectroscopy, 2007, 21, 151-160.	0.8	13
24	Photosensitization of Red Blood Cell Hemolysis by Lutetium Texaphyrin $\text{Ln}^{\text{III}}$ . Photochemistry and Photobiology, 2007, 72, 121-127.	1.3	0
25	Effects of melatonin supplementary on the sciatic nerve conduction velocity in the ovariectomized-aged rat. Neuroendocrinology Letters, 2007, 28, 666-70.	0.2	4
26	Topical use of liposomal copper palmitate formulation blocks porphyrin-induced photosensitivity in rats. Journal of Photochemistry and Photobiology B: Biology, 2005, 80, 107-114.	1.7	11
27	The effect of quercetin on renal ischemia and reperfusion injury in the rat. Cell Biochemistry and Function, 2002, 20, 291-296.	1.4	65
28	Photosensitization of Red Blood Cell Hemolysis by Lutetium Texaphyrin $\text{Ln}^{\text{III}}$ . Photochemistry and Photobiology, 2000, 72, 121.	1.3	9
29	<b>Singlet Oxygen Generation by Metallotexaphyrins</b> . Photochemistry and Photobiology, 1999, 70, 138-145.	1.3	35
30	Singlet oxygen generation by photodynamic agents. Journal of Photochemistry and Photobiology B: Biology, 1997, 37, 131-140.	1.7	250
31	<b>Effect of Photofrin on skin reflection of basal cell nevus syndrome patients</b> . , 1996, , .		1