

Mehmet D Bilgin

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

649
citations

840119

11
h-index

580395

25
g-index

32
all docs

32
docs citations

32
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	Singlet oxygen generation by photodynamic agents. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 37, 131-140.	1.7	250
2	The effect of quercetin on renal ischemia and reperfusion injury in the rat. <i>Cell Biochemistry and Function</i> , 2002, 20, 291-296.	1.4	65
3	The photo-physicochemical properties and in vitro sonophotodynamic therapy activity of Di-axially substituted silicon phthalocyanines on PC3 prostate cancer cell line. <i>Dyes and Pigments</i> , 2021, 184, 108760.	2.0	43
4	Singlet Oxygen Generation by Metallotexaphyrins. <i>Photochemistry and Photobiology</i> , 1999, 70, 138-145.	1.3	35
5	Protoporphyrin IX-loaded magnetoliposomes as a potential drug delivery system for photodynamic therapy: Fabrication, characterization and in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 81-90.	1.3	35
6	Ultrasound versus Light: Exploring Photophysicochemical and Sonochemical Properties of Phthalocyanine-Based Therapeutics, Theoretical Study, and In Vitro Evaluations. <i>ACS Applied Bio Materials</i> , 2022, 5, 1139-1150.	2.3	32
7	Electrophysiological and theoretical analysis of melatonin in peripheral nerve crush injury. <i>Journal of Neuroscience Methods</i> , 2010, 191, 277-282.	1.3	29
8	Pheophorbide a-mediated sonodynamic, photodynamic and sonophotodynamic therapies against prostate cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101909.	1.3	20
9	Titaniumdioxide mediated sonophotodynamic therapy against prostate cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 225, 112333.	1.7	20
10	Early Alterations in Bone Characteristics of Type I Diabetic Rat Femur: A Fourier Transform Infrared (FT-IR) Imaging Study. <i>Applied Spectroscopy</i> , 2016, 70, 2005-2015.	1.2	19
11	A novel bidentate ligand containing oxime, hydrazone and indole moieties and its BF ₂ bridged transition metal complexes and their efficiency against prostate and breast cancer cells. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5632.	1.7	18
12	The effect of diabetes mellitus on rat skeletal extensor digitorum longus muscle tissue: An FTIR study. <i>Spectroscopy</i> , 2007, 21, 151-160.	0.8	13
13	Topical use of liposomal copper palmitate formulation blocks porphyrin-induced photosensitivity in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005, 80, 107-114.	1.7	11
14	Photosensitization of Red Blood Cell Hemolysis by Lutetium Texaphyrin. <i>Photochemistry and Photobiology</i> , 2000, 72, 121.	1.3	9
15	Non-linear analysis of heart rate variability for evaluating the acute effects of caffeinated beverages in young adults. <i>Cardiology in the Young</i> , 2020, 30, 1018-1023.	0.4	7
16	Protective effects of citicoline on TNBS-induced experimental colitis in rats. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 989-97.	1.3	7
17	Acute effects of energy drink on hemodynamic and electrophysiologic parameters in habitual and non-habitual caffeine consumers. <i>Clinical Nutrition ESPEN</i> , 2021, 42, 333-338.	0.5	5
18	Effect of Pulsed Electromagnetic Field on MMP-9 and TIMP-1 Levels in Chondrosarcoma Cells Stimulated with IL-1 β . <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 2701-2705.	0.5	5

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19	Nonlinear analysis of electrodermal activity signals for healthy subjects and patients with chronic obstructive pulmonary disease. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2018, 41, 487-494.	1.4	4
20	Evaluation of the Anti-cancer and Biological Effects of Boric Acid on Colon Cancer Cell Line. <i>Meandros Medical and Dental Journal</i> , 2020, 21, 238-243.	0.1	4
21	Effects of melatonin supplementary on the sciatic nerve conduction velocity in the ovariectomized-aged rat. <i>Neuroendocrinology Letters</i> , 2007, 28, 666-70.	0.2	4
22	Mathematical morphology-based imaging of gastrointestinal cancer cell motility and 5-aminolevulinic acid-induced fluorescence. <i>Biomedizinische Technik</i> , 2019, 64, 711-720.	0.9	3
23	Novel approaches for COVID-19 diagnosis and treatment: a nonsystematic review. <i>Turkish Journal of Biology</i> , 2021, 45, 358-371.	2.1	3
24	Pterostilbene administration improves the recovery potential of extremely low-frequency magnetic field in acute renal ischemia-reperfusion injury: An FTIR spectroscopic study. <i>Turkish Journal of Biology</i> , 2020, 44, 48-60.	2.1	2
25	Assessment of the Effects of Extremely Low Frequency Electromagnetic Fields on. <i>Iranian Journal of Parasitology</i> , 2016, 11, 159-167.	0.6	2
26	Evaluation of photodynamic therapy against <i>Leishmania tropica</i> promastigotes using different photosensitizers. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2022, 38, 354-364.	0.7	2
27	<i>Effect of Photofrin on skin reflection of basal cell nevus syndrome patients</i> . , 1996, , .		1
28	Photosensitization of Red Blood Cell Hemolysis by Lutetium Texaphyrin Ln^{III} . <i>Photochemistry and Photobiology</i> , 2007, 72, 121-127.	1.3	0
29	Reply to "Changes in energy drink consumption during the COVID-19 quarantine." <i>Clinical Nutrition ESPEN</i> , 2021, 45, 520.	0.5	0
30	Comparison of the Effects of Electroacupuncture and Melatonin on Nerve Regeneration in Experimentally Nerve-Damaged Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2021, 14, 176-182.	0.3	0
31	Assessment of the Effects of Light and Sound Impulses on the Electrical Potential of the Eye and Ocular Muscles. <i>Meandros Medical and Dental Journal</i> , 2020, 21, 251-256.	0.1	0