

A El-Hussein

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

689
citations

687363

13
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Potassium Iodide Potentiates Antimicrobial Photodynamic Inactivation Mediated by Rose Bengal in <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	100
2	Exploiting LIBS as a spectrochemical analytical technique in diagnosis of some types of human malignancies. <i>Talanta</i> , 2010, 82, 495-501.	5.5	87
3	Potentiality by potassium iodide reveals that the anionic porphyrin TPPS4 is a surprisingly effective photosensitizer for antimicrobial photodynamic inactivation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 277-286.	3.8	64
4	Comparative study between the photodynamic ability of gold and silver nanoparticles in mediating cell death in breast and lung cancer cell lines. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 67-75.	3.8	63
5	A Review of Chemotherapy and Photodynamic Therapy for Lung Cancer Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 21, 149-161.	1.7	45
6	ROS generation and DNA damage with photoinactivation mediated by silver nanoparticles in lung cancer cell line. <i>IET Nanobiotechnology</i> , 2017, 11, 173-178.	3.8	42
7	Reduction of chromium-VI by chromium-resistant <i>Escherichia coli</i> FACU: a prospective bacterium for bioremediation. <i>Folia Microbiologica</i> , 2020, 65, 687-696.	2.3	39
8	Progressive cationic functionalization of chlorin derivatives for antimicrobial photodynamic inactivation and related vancomycin conjugates. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 638-651.	2.9	34
9	Assessment of DNA Damage after Photodynamic Therapy Using a Metallophthalocyanine Photosensitizer. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-10.	2.5	27
10	Discriminating crude oil grades using laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 113, 93-99.	2.9	22
11	Sodium channels as gateable non-photonic sensors for membrane-delimited reactive species. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1412-1419.	2.6	19
12	<i>N</i> - β -Dihydrogalactochitosan as a potent immune activator for dendritic cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 963-972.	4.0	19
13	Structure activity relationship studies on rhodanines and derived enethiol inhibitors of metallo- β -lactamases. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2928-2936.	3.0	17
14	Photobiostimulation of anaerobic digestion by laser irradiation and photocatalytic effects of trace metals and nanomaterials on biogas production. <i>International Journal of Energy Research</i> , 2021, 45, 141-150.	4.5	14
15	Amphiphilic tetracationic porphyrins are exceptionally active antimicrobial photosensitizers: <i>In vitro</i> and <i>in vivo</i> studies with the free base and Pd chelate. <i>Journal of Biophotonics</i> , 2019, 12, e201800318.	2.3	13
16	Exploring ATR Fourier transform IR spectroscopy with chemometric analysis and laser scanning microscopy in the investigation of forensic documents fraud. <i>Optics and Laser Technology</i> , 2021, 135, 106704.	4.6	12
17	Recent Patents on Light-Based Anti-Infective Approaches. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 13, 70-88.	0.8	11
18	Life cycle assessment of using laser treatment and nanomaterials to produce biogas through anaerobic digestion of slurry. <i>Environment, Development and Sustainability</i> , 2021, 23, 14683-14696.	5.0	11

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19	Photodynamic ability of silver nanoparticles in inducing cytotoxic effects in breast and lung cancer cell lines. <i>International Journal of Nanomedicine</i> , 0, , 3771.	6.7	11
20	Exploring optical spectroscopic techniques and nanomaterials for virus detection. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 78-89.	3.8	9
21	Investigating Egyptian archeological bone diagenesis using ATR-FTIR microspectroscopy. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 515-527.	1.2	7
22	The Prospective Beneficial Effects of Red Laser Exposure on <i>Lactocaseibacillus casei</i> Fermentation of Skim Milk. <i>Biology</i> , 2020, 9, 256.	2.8	7
23	Exploiting FTIR microspectroscopy and chemometric analysis in the discrimination between Egyptian ancient bones: a case study. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, A110.	2.1	5
24	Enhancement of Labneh Quality by Laser-Induced Modulation of <i>Lactocaseibacillus casei</i> NRRL B-1922. <i>Fermentation</i> , 2022, 8, 132.	3.0	5
25	Photobiostimulation of green microalga <i>Chlorella sorokiniana</i> using He-Ne red laser radiation for increasing biodiesel production. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 117-131.	4.6	2
26	Photobiomodulation of avian embryos by red laser. <i>Lasers in Medical Science</i> , 2020, 36, 1177-1189.	2.1	1
27	Photodynamic therapy-based tuberculosis treatment. , 2021, , 261-280.		1
28	Photostability study of CdTe quantum dots using laser induced fluorescence. , 2018, , .		1
29	Application Of LIF Technique In The Diagnosis Of Some Human Cancer Types. , 2009, , .		0
30	Immobilization of HIV GP41 antibodies on glass substrates for HIV biosensing. , 2020, , .		0
31	Smartphone biosensing for point of care diagnostics. , 2020, , .		0