

el-Sayed Ahmed el-Sayed

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,304
citations

411340

20
h-index

445137

33
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all docs

63
docs citations

63
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal Pectinases: Production and Applications in Food Industries. <i>Fungal Biology</i> , 2021, , 85-115.	0.3	4
2	Paper-based potentiometric sensing devices modified with chemically reduced graphene oxide (CRGO) for trace level determination of pholcodine (opiate derivative drug). <i>RSC Advances</i> , 2021, 11, 12227-12234.	1.7	18
3	Low-cost potentiometric paper-based analytical device based on newly synthesized macrocyclic pyrido-pentapeptide derivatives as novel ionophores for point-of-care copper (<sc>ii</sc>) determination. <i>RSC Advances</i> , 2021, 11, 27174-27182.	1.7	8
4	Silver nanoparticles from insect wing extract: Biosynthesis and evaluation for antioxidant and antimicrobial potential. <i>PLoS ONE</i> , 2021, 16, e0241729.	1.1	18
5	Role of <i>Bacillus cereus</i> in Improving the Growth and Phytoextractability of <i>Brassica nigra</i> (L.) K. Koch in Chromium Contaminated Soil. <i>Molecules</i> , 2021, 26, 1569.	1.7	52
6	Antiproliferative Activity of Some Newly Synthesized Substituted Pyridine Candidates Using 4-(Aaryl)-6-(naphthalen-1-yl)-2-oxo-1,2-dihydropyridine-3-carbonitrile as Syntho. <i>ACS Omega</i> , 2021, 6, 7147-7156.	1.6	4
7	Paper-Based Potentiometric Sensors for Nicotine Determination in Smokersâ€™ Sweat. <i>ACS Omega</i> , 2021, 6, 11340-11347.	1.6	16
8	Biocontrol Activity of <i>Aureobasidium pullulans</i> and <i>Candida orthopsilosis</i> Isolated from <i>Tectona grandis</i> L. Phylloplane against <i>Aspergillus</i> sp. in Post-Harvested Citrus Fruit. <i>Sustainability</i> , 2021, 13, 7479.	1.6	29
9	An all-solid-state potentiometric sensor modified with multi-walled carbon nanotubes (MWCNTs) for silicate assessment and water-quality testing. <i>Analytical Methods</i> , 2021, 13, 1495-1501.	1.3	5
10	Evaluation of developmental toxicity and anti-angiogenic potential of essential oils from <i>Moringa oleifera</i> and <i>Moringa peregrina</i> seeds in zebrafish (<i>Danio rerio</i>) model. <i>South African Journal of Botany</i> , 2020, 129, 229-237.	1.2	4
11	Liquid Contact-Selective Potentiometric Sensor Based on Imprinted Polymeric Beads Towards 17 β -Estradiol Determination. <i>Polymers</i> , 2020, 12, 1506.	2.0	6
12	Novel heterocyclic hybrids of pyrazole targeting dihydrofolate reductase: design, biological evaluation and <i>in vivo</i> <i>in silico</i> studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1491-1502.	2.5	31
13	Linking Organic Metabolites as Produced by <i>Purpureocillium Lilacinum</i> 6029 Cultured on Karanja Deoiled Cake Medium for the Sustainable Management of Root-Knot Nematodes. <i>Sustainability</i> , 2020, 12, 8276.	1.6	24
14	Rapid and Accurate Validated Potentiometric Method for Bispyribac Herbicide Assessment in Rice and Agricultural Wastewater. <i>Water (Switzerland)</i> , 2020, 12, 2216.	1.2	2
15	Efficient kefir production by <i>Lactobacillus kefirifaciens</i> ATCC 43761 in submerged cultivation: Influence of osmotic stress and nonionic surfactants, and potential bioactivities. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8513-8523.	2.3	11
16	Exopolysaccharides Producing Bacteria for the Amelioration of Drought Stress in Wheat. <i>Sustainability</i> , 2020, 12, 8876.	1.6	110
17	Synthesis, Antimicrobial Activity and Molecular Docking of Novel Thiourea Derivatives Tagged with Thiadiazole, Imidazole and Triazine Moieties as Potential DNA Gyrase and Topoisomerase IV Inhibitors. <i>Molecules</i> , 2020, 25, 2766.	1.7	49
18	Anticancer Activities of Newly Synthesized Chiral Macrocyclic Heptapeptide Candidates. <i>Molecules</i> , 2020, 25, 1253.	1.7	11

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19	Chiral Pyridine-3,5-bis- (L-phenylalaninyl-L-leucinyl) Schiff Base Peptides as Potential Anticancer Agents: Design, Synthesis, and Molecular Docking Studies Targeting Lactate Dehydrogenase-A. <i>Molecules</i> , 2020, 25, 1096.	1.7	16
20	A New Validated Potentiometric Method for Sulfite Assay in Beverages Using Cobalt(II) Phthalocyanine as a Sensory Recognition Element. <i>Molecules</i> , 2020, 25, 3076.	1.7	4
21	Synthesis of chiral 3,5-bis(l-phenylalaninyl-l-leucinyl)pyridine Schiff base and their macrocyclic carboxamide derivatives using 3,5-bis(l-phenylalaninyl)-pyridine methyl ester. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 251-258.	0.3	2
22	A SnO ₂ /CeO ₂ Nano-Composite Catalyst for Alizarin Dye Removal from Aqueous Solutions. <i>Nanomaterials</i> , 2020, 10, 254.	1.9	19
23	Medium Optimization by Response Surface Methodology for Improved Cholesterol Oxidase Production by a Newly Isolated <i>Streptomyces rochei</i> NAM-19 Strain. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	11
24	Synthesis and Characterization of Macrocyclic Chiral Tröger's Base Phenhomazine Candidates as Anticancer Agent. <i>Frontiers in Chemistry</i> , 2020, 8, 633065.	1.8	3
25	Synthesis and Characterization of New Dihydronaphthalene Candidates as Potent Cytotoxic Agents against MCF-7 Human Cancer Cells. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	1
26	Enhanced Natamycin production by <i>Streptomyces natalensis</i> in shake-flasks and stirred tank bioreactor under batch and fed-batch conditions. <i>BMC Biotechnology</i> , 2019, 19, 46.	1.7	25
27	Production of β -galactosidase in shake-flask and stirred tank bioreactor cultivations by a newly isolated <i>Bacillus licheniformis</i> strain. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101231.	1.5	11
28	Antitumor activity of <i>Cuphea ignea</i> extract against benzo(a)pyrene-induced lung tumorigenesis in Swiss Albino mice. <i>Toxicology Reports</i> , 2019, 6, 1071-1085.	1.6	14
29	Pre-Concentration Based on Cloud Point Extraction for Ultra-Trace Monitoring of Lead (II) Using Flame Atomic Absorption Spectrometry. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4752.	1.3	7
30	Design, Synthesis, Anticancer Evaluation and Molecular Modeling of Novel Estrogen Derivatives. <i>Molecules</i> , 2019, 24, 416.	1.7	27
31	Cytotoxic Effects of Newly Synthesized Heterocyclic Candidates Containing Nicotinonitrile and Pyrazole Moieties on Hepatocellular and Cervical Carcinomas. <i>Molecules</i> , 2019, 24, 1965.	1.7	11
32	In Vitro and In Vivo Anti-Breast Cancer Activities of Some Newly Synthesized 5-(thiophen-2-yl)thieno-[2,3-d]pyrimidin-4-one Candidates. <i>Molecules</i> , 2019, 24, 2255.	1.7	5
33	Synthesis and investigation of 3,5-bis-linear and macrocyclic tripeptidopyridine candidates by using l-valine, N,N ⁺ -(3,5-pyridinediyl)dicarbonyl)bis-dimethyl ester as synthon. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019, 74, 473-478.	0.3	5
34	Potent Anti-Ovarian Cancer with Inhibitor Activities on Both Topoisomerase II and V600EBRAF of Synthesized Substituted Estrone Candidates. <i>Molecules</i> , 2019, 24, 2054.	1.7	3
35	Novel Potentiometric 2,6-Dichlorophenolindo-phenolate (DCPIP) Membrane-Based Sensors: Assessment of Their Input in the Determination of Total Phenolics and Ascorbic Acid in Beverages. <i>Sensors</i> , 2019, 19, 2058.	2.1	9
36	Single-Piece Solid Contact Cu ²⁺ -Selective Electrodes Based on a Synthesized Macrocyclic Calix[4]arene Derivative as a Neutral Carrier Ionophore. <i>Molecules</i> , 2019, 24, 920.	1.7	11

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37	Antiulcerogenic effect of <i>Cuphea ignea</i> extract against ethanol-induced gastric ulcer in rats. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 345.	3.7	54
38	<i>Lagerstroemia Speciosa</i> (L.) Pers Leaf Extract Attenuates Lung Tumorigenesis via Alleviating Oxidative Stress, Inflammation and Apoptosis. <i>Biomolecules</i> , 2019, 9, 871.	1.8	12
39	Synthesis, Characterization, and Cytotoxic Evaluation of Some Newly Substituted Diazene Candidates. <i>Journal of Chemistry</i> , 2018, 2018, 1-9.	0.9	1
40	Bioprocess optimization for pectinase production using <i>Aspergillus niger</i> in a submerged cultivation system. <i>BMC Biotechnology</i> , 2018, 18, 71.	1.7	53
41	Design, Synthesis and Docking Studies of Novel Macrocyclic Pentapeptides as Anticancer Multi-Targeted Kinase Inhibitors. <i>Molecules</i> , 2018, 23, 2416.	1.7	33
42	Medical and Cosmetic Applications of Fungal Nanotechnology: Production, Characterization, and Bioactivity. , 2018, , 21-59.		5
43	In Vitro and In Vivo Anti-Breast Cancer Activities of Some Synthesized Pyrazolinyl-estran-17-one Candidates. <i>Molecules</i> , 2018, 23, 1572.	1.7	21
44	Identification, Bioactivity, and Productivity of Actinomycins from the Marine-Derived <i>Streptomyces heliomycini</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1147.	1.5	47
45	Synthesis and Antimicrobial Activities of Some Novel Substituted Dihydropyrido[2,3- <i>g</i>]quinoline Candidates. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 5378-5385.	0.4	0
46	Recent progress on the development of antibiotics from the genus <i>Micromonospora</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 199-223.	1.4	45
47	Bioprocess development for kefiran production by <i>Lactobacillus kefiranofaciens</i> in semi industrial scale bioreactor. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 495-502.	1.8	34
48	Biological Screening of Newly Synthesized BIAN N-Heterocyclic Gold Carbene Complexes in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24718-24731.	1.8	10
49	Development of Fed-Batch Cultivation Strategy for Efficient Oxytetracycline Production by <i>Streptomyces rimosus</i> at Semi-Industrial Scale. <i>Brazilian Archives of Biology and Technology</i> , 2015, 58, 676-685.	0.5	15
50	Anaerobic Probiotics: The Key Microbes for Human Health. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 156, 397-431.	0.6	6
51	Optimization of Medium Composition and Cultivation Parameters for Fructosyltransferase Production by <i>Penicillium aurantiogriseum</i> AUMC 5605. <i>Journal of Applied Biological Chemistry</i> , 2015, 58, 209-218.	0.2	3
52	In vitro Evaluation of Cytotoxic Activities of Essential Oil from <i>Moringa oleifera</i> Seeds on HeLa, HepG2, MCF-7, CACO-2 and L929 Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 4671-4675.	0.5	67
53	Facile method for the synthesis of silver nanoparticles using 3-hydrazino-isatin derivatives in aqueous methanol and their antibacterial activity. <i>International Journal of Nanomedicine</i> , 2014, 9, 1167.	3.3	17
54	Mushrooms: A Potential Natural Source of Anti-Inflammatory Compounds for Medical Applications. <i>Mediators of Inflammation</i> , 2014, 2014, 1-15.	1.4	140

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55	Au/Ag Core-Shell/Zelite Nanocomposites with Antimicrobial Activity. <i>Science of Advanced Materials</i> , 2014, 6, 1531-1534.	0.1	1
56	Improvement in natamycin production by <i>Streptomyces natalensis</i> with the addition of short-chain carboxylic acids. <i>Process Biochemistry</i> , 2013, 48, 1831-1838.	1.8	25
57	Mushrooms and Truffles: Historical Biofactories for Complementary Medicine in Africa and in the Middle East. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	45
58	Identification of Histone Deacetylase 1 Protein Complexes in Liver Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 915-921.	0.5	22
59	Nanofiber composites containing N-heterocyclic carbene complexes with antimicrobial activity. <i>International Journal of Nanomedicine</i> , 2012, 7, 2829.	3.3	15
60	Application of hydrocyclones for continuous cultivation of SP-2/O cells in perfusion bioreactors: Effect of hydrocyclone operating pressure. <i>BMC Proceedings</i> , 2011, 5, P65.	1.8	5
61	Use of Hydrocyclones for Mammalian Cell Retention: Separation Efficiency and Cell Viability (Part 1). <i>Engineering in Life Sciences</i> , 2006, 6, 347-354.	2.0	34
62	Miscibility and the specific interaction of polyhydroxybutyrate blended with polyvinylacetate and poly(vinyl acetate-co-vinyl alcohol) with some biological applications. <i>Journal of Applied Polymer Science</i> , 2002, 86, 2363-2374.	1.3	8