

Essam H Ibrahim

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

550
citations

759233

12
h-index

713466

21
g-index

58
all docs

58
docs citations

58
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-HBc screening in Egyptian blood donors reduces the risk of hepatitis B virus transmission. <i>Transfusion Medicine</i> , 2008, 18, 55-61.	1.1	49
2	Cellular proliferation/cytotoxicity and antimicrobial potentials of green synthesized silver nanoparticles (AgNPs) using <i>Juniperus procera</i> . <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1689-1694.	3.8	49
3	Study of anticancer, antimicrobial, immunomodulatory, and silver nanoparticles production by Sidr honey from three different sources. <i>Food Science and Nutrition</i> , 2020, 8, 445-455.	3.4	42
4	Compressive behaviour of Neovius Triply Periodic Minimal Surface cellular structure manufactured by fused deposition modelling. <i>Virtual and Physical Prototyping</i> , 2019, 14, 360-370.	10.4	38
5	Kaempferol protects against cadmium chloride-induced hippocampal damage and memory deficits by activation of silent information regulator 1 and inhibition of poly (ADP-Ribose) polymerase-1. <i>Science of the Total Environment</i> , 2020, 728, 138832.	8.0	35
6	Synthesis of Gold Nanoparticles (AuNPs) Using <i>Ricinus communis</i> Leaf Ethanol Extract, Their Characterization, and Biological Applications. <i>Nanomaterials</i> , 2019, 9, 765.	4.1	34
7	Novel Mg@ZnO nanoparticles synthesized by facile one-step combustion route for anti-microbial, cytotoxicity and photocatalysis applications. <i>Journal of Nanostructure in Chemistry</i> , 2021, 11, 147-163.	9.1	34
8	<i>Chrysanthemum</i> extract and extract prepared silver nanoparticles as biocides to control <i>Aedes aegypti</i> (L.), the vector of dengue fever. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 205-210.	0.9	30
9	Silver Nanoparticle Production by <i>Ruta graveolens</i> and Testing Its Safety, Bioactivity, Immune Modulation, Anticancer, and Insecticidal Potentials. <i>Bioinorganic Chemistry and Applications</i> , 2020, 2020, 1-11.	4.1	25
10	Biological Activities of <i>Euphorbia peplus</i> Leaves Ethanolic Extract and the Extract Fabricated Gold Nanoparticles (AuNPs). <i>Molecules</i> , 2019, 24, 1431.	3.8	24
11	One-spot fabrication and in-vivo toxicity evaluation of core-shell magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2021, 122, 111898.	7.3	17
12	Effect of Bi contents on key physical properties of NiO NPs synthesized by flash combustion process and their cytotoxicity studies for biomedical applications. <i>Ceramics International</i> , 2020, 46, 19691-19700.	4.8	14
13	Biogenic Synthesis of Silver Nanoparticles Using Propolis Extract, Their Characterization, and Biological Activities. <i>Science of Advanced Materials</i> , 2019, 11, 876-883.	0.7	14
14	Green tea (<i>Camellia sinensis</i>) ameliorates female <i>Schistosoma mansoni</i> -induced changes in the liver of Balb/C mice. <i>Saudi Journal of Biological Sciences</i> , 2011, 18, 361-368.	3.8	12
15	The ameliorative effect of kaempferol against CdCl ₂ - mediated renal damage entails activation of Nrf2 and inhibition of NF- κ B. <i>Environmental Science and Pollution Research</i> , 2022, 29, 57591-57602.	5.3	10
16	Development of Rift Valley fever (RVF) vaccine by genetic joining of the RVF-glycoprotein Gn with the strong adjuvant subunit B of cholera toxin (CTB) and expression in bacterial system. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1676-1681.	3.8	7
17	<i>Lepidium sativum</i> and Its Biogenic Silver Nanoparticles Activate Immune Cells and Induce Apoptosis and Cell Cycle Arrest in HT-29 Colon Cancer Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2021, 11, 195-209.	0.1	7
18	Fingerprint of <i>Biomphalaria arabica</i> , the intermediate host of <i>Schistosoma mansoni</i> in Saudi Arabia, using RAPD-PCR. <i>Gene</i> , 2011, 485, 69-72.	2.2	6

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19	Developing species-specific primers to identify <i>Bulinus truncatus</i> and <i>Bulinus beccari</i> , the intermediate hosts of <i>Schistosoma haematobium</i> in Saudi Arabia. <i>Gene</i> , 2012, 499, 256-261.	2.2	6
20	Nano and microstructure of bioglasses: In vitro and in vivo bioactivity properties. <i>Journal of Non-Crystalline Solids</i> , 2019, 512, 72-80.	3.1	6
21	Rosemary Extract and Its Biogenic Silver Nanoparticles Induce Apoptosis and Arrest Cell Cycle in HT-29 Colon Cancer Cells. <i>Science of Advanced Materials</i> , 2021, 13, 36-49.	0.7	6
22	Silver/chitosan nanocomposites induce physiological and histological changes in freshwater bivalve. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126719.	3.0	6
23	Antimicrobial, immunomodulatory and cytotoxic activities of green synthesized nanoparticles from Acacia honey and <i>Calotropis procera</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3367-3373.	3.8	6
24	Majra Honey Abrogated the Normal and Cancer Cells Proliferation Inhibition by <i>Juniperus procera</i> Extract and Extract/Honey Generated AgNPs. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 970-981.	1.7	6
25	Genetic fusion of tetanus toxin fragment C (Hc) gene to cholera toxin subunit B (CTB) gene as a preparatory step for double vaccine production. <i>Gene Reports</i> , 2018, 10, 90-96.	0.8	5
26	Fabrication and Biocompatible Characterizations of Bio-Glasses Containing Oxyhalides Ions. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2019, 14, 328-334.	0.5	5
27	DNA vaccination using recombinant <i>Schistosoma mansoni</i> fatty acid binding protein (smFABP) gene. <i>Experimental Parasitology</i> , 2018, 194, 53-59.	1.2	4
28	Characterization of the native honey bee (<i>Apis mellifera jemenitica</i>) in the south western region of Saudi Arabia using morphometric and genetic (mtDNA COI) characteristics. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2278-2284.	3.8	4
29	Synthesis, Mechanical, In Vitro and In Vivo Bioactivity and Preliminary Biocompatibility Studies of Bioglasses. <i>Science of Advanced Materials</i> , 2019, 11, 1458-1466.	0.7	4
30	Structural, Thermal Stability and <i>In Vivo</i> Bioactivity Properties of Nanobioglasses Containing ZnO. <i>Science of Advanced Materials</i> , 2019, 11, 925-935.	0.7	4
31	Inhibition realization of multidrug resistant bacterial and fungal isolates using <i>Coccinia indica</i> extracts. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3207-3212.	3.8	4
32	Evaluation of BioVue Column Agglutination Technology for quality control purpose of therapeutic anti-Rh immunoglobulin preparations. <i>Journal of King Saud University - Science</i> , 2010, 22, 209-212.	3.5	3
33	Anti-IFN autoantibodies are present in healthy Egyptian blood donors at low titer. <i>Cellular Immunology</i> , 2011, 271, 365-370.	3.0	3
34	Development of species-specific primers for identification of <i>Biomphalaria arabica</i> , the intermediate host of <i>Schistosoma mansoni</i> in Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2014, 21, 65-70.	3.8	3
35	TH1/TH2 chemokines/cytokines profile in rats treated with tetanus toxoid and <i>Euphorbia tirucalli</i> . <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1716-1723.	3.8	3
36	Green Synthesis of Silver Nanoparticles via <i>Phormidium</i> sp. nov. (Cyanophyceae): Amelioration, Characterization and Assessment of the Antibacterial Potential Against Methicillin Resistant <i>Staphylococcus aureus</i> . <i>Science of Advanced Materials</i> , 2021, 13, 209-216.	0.7	3

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37	Development of in-house ELISAs for the detection of anti-SARS-CoV-2 RBD and N IgG and IgM antibodies in biological samples. Journal of King Saud University - Science, 2021, 33, 101439.	3.5	3
38	The Protective Role of Toll-Like Receptor Agonist Monophosphoryl Lipid A Against Vaccinated Murine Schistosomiasis. Acta Parasitologica, 2020, 65, 652-660.	1.1	2
39	Antibody profile in symptomatic/asymptomatic severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infected Saudi persons. Saudi Journal of Biological Sciences, 2021, 28, 4677-4682.	3.8	2
40	Green Synthesis, Structural, <i>In Vitro</i> and <i>In Vivo</i> Bioactivity Properties of ZnO Nanoparticles for Biomedical Applications. Journal of Biomaterials and Tissue Engineering, 2019, 9, 731-738.	0.1	2
41	Phyto-Synthesis, Characterization and Biological Applications of Gold Nanoparticles (AuNPs) Using Toxicosis Mediated Plant <i>Nicotiana glauca</i> Graham. Journal of Biomaterials and Tissue Engineering, 2019, 9, 1628-1634.	0.1	2
42	<i>In-Vitro</i> Bioactivity of Optical Glasses Containing Strontium Oxide (SrO). Journal of Nanoelectronics and Optoelectronics, 2019, 14, 1105-1112.	0.5	2
43	Silver Modified Tricalcium Phosphate for Biomedical Application: Structural Investigation and Study of Antimicrobial with Histopathological Activity. Science of Advanced Materials, 2019, 11, 1383-1391.	0.7	2
44	<i>In Vitro</i> and <i>In Vivo</i> Bioactivity of Tricalcium Phosphate and Fluoroapatite Nanoparticles for Medical Implants. Science of Advanced Materials, 2020, 12, 101-109.	0.7	2
45	Cytokines/Chemokines Profile in Rats Treated with Euphorbia tirucalli Extract. Arabian Journal for Science and Engineering, 2018, 43, 3443-3451.	3.0	1
46	Morphology and molecular taxonomy of the tongue worm, genus Raillietiella (Pentastomida) from the lungs of berber skinks Eumeces schneideri (Scincidae): First report. Revista Argentina De Microbiologia, 2021, 53, 110-123.	0.7	1
47	Development of rapid and cost-effective top-loading device for the detection of anti-SARS-CoV-2 IgG/IgM antibodies. Scientific Reports, 2021, 11, 14926.	3.3	1
48	<i>In Vitro</i> Bioactivity Study on Zn ₂ -HAp Nanoparticles. Journal of Nanoelectronics and Optoelectronics, 2020, 15, 523-531.	0.5	1
49	Origanum majorana harvested from Al-Soda, Saudi Arabia promotes mitotic arrest and apoptosis in colon cancer cells. Journal of King Saud University - Science, 2022, 34, 101878.	3.5	1
50	Enhanced Methyl Orange Removal Using a Newly Isolated Bacterial Strain and Potassium-Iodide-Doped Hydroxyapatite Nanoparticles. Clean - Soil, Air, Water, 2019, 47, 1900160.	1.1	0
51	The oil of garlic, Allium sativum L. (Amaryllidaceae), as a potential protectant against Anisakis spp. Type II (L3) (Nematoda) infection in Wistar rats. Brazilian Journal of Veterinary Parasitology, 2021, 30, e015920.	0.7	0
52	Pterostilbene induces cell apoptosis and inhibits lipogenesis in SKOV3 ovarian cancer cells by activation of AMPK-induced inhibition of Akt/mTOR signaling cascade. Biocell, 2021, 45, 89-101.	0.7	0
53	Green Synthesis, Characterization and Biological Activities of Gold Nanoparticles (AuNP) Synthesized Using Extract of Melilotus indicus L.. Science of Advanced Materials, 2021, 13, 1058-1064.	0.7	0
54	Biological Applications, Green Synthesis, Characterization of Silver Nanoparticles (AgNPs) Using <i>Artemisia annua</i> L.. Science of Advanced Materials, 2021, 13, 1304-1309.	0.7	0

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55	Assessment the microbiological and molecular aspects of soil isolated bacteria that suppress <i>Pythium ultimum</i> in Abha/KSA. Egyptian Pharmaceutical Journal(Egypt), 2016, 15, 181.	0.4	0
56	Hydroxyapatite Nanostructure Doped by Lithium Iodide with Their Biological Activity. Journal of Nanoelectronics and Optoelectronics, 2020, 15, 613-619.	0.5	0