

Sarah I Othman

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,175
citations

393982

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395343

33
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all docs

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docs citations

42
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, drying process and medical application of polysaccharide-based aerogels. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1115-1128.	3.6	112
2	Microbial Natural Products in Drug Discovery. <i>Processes</i> , 2020, 8, 470.	1.3	93
3	Cinnamon (<i>Cinnamomum zeylanicum</i>) Oil as a Potential Alternative to Antibiotics in Poultry. <i>Antibiotics</i> , 2020, 9, 210.	1.5	92
4	Ginger and Its Derivatives as Promising Alternatives to Antibiotics in Poultry Feed. <i>Animals</i> , 2020, 10, 452.	1.0	73
5	Biomonitoring of Heavy Metal Pollution Using <i>Acanthocephalans</i> Parasite in Ecosystem: An Updated Overview. <i>Animals</i> , 2020, 10, 811.	1.0	65
6	Development of Illuminant Glow-in-the-Dark Cotton Fabric Coated by Luminescent Composite with Antimicrobial Activity and Ultraviolet Protection. <i>Journal of Fluorescence</i> , 2019, 29, 703-710.	1.3	61
7	Impact of different rearing systems on growth, carcass traits, oxidative stress biomarkers, and humoral immunity of broilers exposed to heat stress. <i>Poultry Science</i> , 2020, 99, 3070-3078.	1.5	56
8	The Simultaneous Administration of a Probiotic or Prebiotic with Live <i>Salmonella</i> Vaccine Improves Growth Performance and Reduces Fecal Shedding of the Bacterium in <i>Salmonella</i> -Challenged Broilers. <i>Animals</i> , 2020, 10, 70.	1.0	51
9	Umbelliferone prevents oxidative stress, inflammation and hematological alterations, and modulates glutamate-nitric oxide-cGMP signaling in hyperammonemic rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 392-402.	2.5	50
10	Co-encapsulation of enzyme and tricyanofuran hydrazone into alginate microcapsules incorporated onto cotton fabric as a biosensor for colorimetric recognition of urea. <i>Reactive and Functional Polymers</i> , 2019, 142, 199-206.	2.0	50
11	The Biodegradation Role of <i>Saccharomyces cerevisiae</i> against Harmful Effects of Mycotoxin Contaminated Diets on Broiler Performance, Immunity Status, and Carcass characteristics. <i>Animals</i> , 2020, 10, 238.	1.0	47
12	Utilization of High throughput microcrystalline cellulose decorated silver nanoparticles as an eco-nematicide on root-knot nematodes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110805.	2.5	41
13	Synthesis of Chitosan/Diatomite Composite as an Advanced Delivery System for Ibuprofen Drug; Equilibrium Studies and the Release Profile. <i>ACS Omega</i> , 2021, 6, 13406-13416.	1.6	34
14	The Toxicological Aspects of the Heat-Borne Toxicant 5-Hydroxymethylfurfural in Animals: A Review. <i>Molecules</i> , 2020, 25, 1941.	1.7	31
15	Growth Performance of Broilers as Influenced by Different Levels and Sources of Methionine Plus Cysteine. <i>Animals</i> , 2019, 9, 1056.	1.0	30
16	Chitosan for biomedical applications, promising antidiabetic drug delivery system, and new diabetes mellitus treatment based on stem cell. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 417-432.	3.6	25
17	Characterization of β -cyclodextrin/phillipsite (β -CD/Ph) composite as a potential carrier for oxaliplatin as therapy for colorectal cancer; loading, release, and cytotoxicity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129144.	2.3	25
18	The potential role of interleukin-37 in infectious diseases. <i>International Reviews of Immunology</i> , 2020, 39, 3-10.	1.5	24

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19	Selective Colorimetric Detection of Fe (III) Using Metallochromic Tannin-impregnated Silica Strips. <i>ChemistrySelect</i> , 2018, 3, 12065-12071.	0.7	22
20	Relationship of thyroid dysfunction with cardiovascular diseases: updated review on heart failure progression. <i>Hormones</i> , 2020, 19, 301-309.	0.9	22
21	Synthesis of chitosan/Al-MCM-41 nanocomposite from natural microcline as a carrier for levofloxacin drug of controlled loading and release properties; Equilibrium, release kinetic, and cytotoxicity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126805.	2.3	20
22	Combating atherosclerosis with targeted Diosmin nanoparticles-treated experimental diabetes. <i>Investigational New Drugs</i> , 2020, 38, 1303-1315.	1.2	16
23	High Salt Diet Affects the Reproductive Health in Animals: An Overview. <i>Animals</i> , 2020, 10, 590.	1.0	16
24	Sonoco Green Decoration of Clinoptilolite with MgO Nanoparticles as a Potential Carrier for 5-Fluorouracil Drug: Loading Behavior, Release Profile, and Cytotoxicity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 4608-4622.	1.9	16
25	<i>Commiphora molmol</i> Modulates Glutamate-Nitric Oxide-cGMP and Nrf2/ARE/HO-1 Pathways and Attenuates Oxidative Stress and Hematological Alterations in Hyperammonemic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	1.9	15
26	Insight into the loading, release, and anticancer properties of cellulose/zeolite-A as an enhanced delivery structure for oxaliplatin chemotherapy; characterization and mechanism. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 103, 752-765.	1.1	13
27	Anti-inflammatory and Immunomodulatory Potency of Selenium-Enriched Probiotic Mutants in Mice with Induced Ulcerative Colitis. <i>Biological Trace Element Research</i> , 2023, 201, 353-367.	1.9	12
28	The Influences of Various Housing Systems on Growth, Carcass Traits, Meat Quality, Immunity and Oxidative Stress of Meat-Type Ducks. <i>Animals</i> , 2020, 10, 410.	1.0	11
29	Eco-friendly Microwave Synthesis of Gold Nanoparticles for Attenuation of Brain Dysfunction in Diabetic Rats. <i>Journal of Cluster Science</i> , 2021, 32, 423-435.	1.7	11
30	Synthesis and characterization of β -cyclodextrin functionalized zeolite-A as biocompatible carrier for Levofloxacin drug; loading, release, cytotoxicity, and anti-inflammatory studies. <i>Journal of Solid State Chemistry</i> , 2022, 312, 123280.	1.4	8
31	Synthesis and characterization of Fe ⁰ @chitosan/cellulose biocompatible composites from natural resources as advanced carriers for ibuprofen drug: reaction kinetics and equilibrium. <i>New Journal of Chemistry</i> , 2022, 46, 12797-12807.	1.4	8
32	Microstructure of scales in selected lizard species. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 129-136.	1.8	7
33	Synthesis of Co ₃ O ₄ @ Organo/Polymeric Bentonite Structures as Environmental Photocatalysts and Antibacterial Agents for Enhanced Removal of Methyl Parathion and Pathogenic Bacteria. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2600-2614.	1.9	4
34	Anatomical study of the skull of amphisbaenian <i>Diplometopon zarudnyi</i> (Squamata, Amphisbaenia). <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 503-513.	1.8	3
35	Immunology and controlling of coronaviruses; the current enemy for humanity: A review. <i>International Journal of Biological Macromolecules</i> , 2021, , .	3.6	3
36	Effect of gervital in attenuating hepatotoxicity caused by methotrexate or azathioprine in adult albino rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46788-46801.	2.7	3

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37	RhizopusÂoryzae AM16; a new hyperactive Lâ€asparaginase producer: Semi solidâ€™state production and anticancer activity of the partially purified protein. Biomedical Reports, 2022, 16, 15.	0.9	2
38	Characterization of MgO/CaO hybrid nanorods as an enhanced inorganic carrier of 5-Fluorouracil drug; loading, release, and cytotoxicity studies. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 2322-2331.	1.9	2
39	Deleterious effects of perinatal exposure to potassium bromate on the development of offspring of Swiss mice. Toxicology and Industrial Health, 2019, 35, 63-78.	0.6	0