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RESEARCH METRICS

h-index (Scopus)	37
h-index (GS)	40
Citations (Scopus)	4123
Citations (GS)	5074
Documents (Scopus)	113
Documents (GS)	147

AWARDS

- Warith Al-Anbiya University Award
- Medal of Creativity and Scientific Excellence
- Al Ain University Award, Iraq 2023-2024
- Al-Khwarizmi Award for Distinguished Research

PATENTS

- Magnetic iron nanoparticles: A new method for transferring brain-derived neurotransmitter genes into neural stem cells

RESEARCH INTERESTS

- synthesis and application of functionalized nano drug carriers

Salim Albukhaty

سالم نعمة صالح محمد البخاتي

PROFILE

Pr. Salim Albukhaty is a PhD holder in Nano-Biotechnology with a background in veterinary medicine and public health. He is an accomplished professor of Nanobiotechnology with expertise in various research areas, including the design and fabrication of nanoparticles for anti-cancer drug delivery, electrospun nanofibers for wound dressing, and the green synthesis of metal oxide nanoparticles with antimicrobial properties.

He is particularly interested in the application of nanotechnology in drug delivery and stem cell research. Salim Albukhaty is an active member of several professional associations, including the Middle East Molecular Biology Society (MEMBS), Iran nanotechnology initiative council (INIC), World Academy of Science, Engineering, and Technology (WASET), and the International Center for Genetic Engineering and Biotechnology (ICGEB).

Salim has a wealth of experience in academia and has held various administrative positions within Misan University, Iraq, including serving as the Dean of the Nursing College. He has supervised postgraduate research scholars, published numerous research papers in academic journals, and presented his work at national and international conferences.

His research interests include the synthesis of nanoparticles, their characterization, and their applications in diverse fields, such as drug delivery, wound healing, and antimicrobial activity. Salim Albukhaty has made significant contributions to the scientific community through his research, and his work is well-documented in reputable journals.

For more detailed information, you can refer to his Google Scholar, ResearchGate, and Scopus profiles to explore his publications and research contributions. Salim Albukhaty's work covers a broad spectrum of topics, from nanoparticle synthesis to biomedical applications, making him a valuable contributor to the field of nanobiotechnology.

Google Scholar: https://scholar.google.com/citations?user=_zBwmJAAAAAJ&hl=en
Researchgate: https://www.researchgate.net/profile/Salim-Albukhaty
Scopus: https://www.scopus.com/authid/detail.uri?authorId=55628883500

TEACHING EXPERIENCE

Assistant President for Scientific Affairs
University of Manara, Iraq
2024-09 - Present

ADMINISTRATIVE POSITIONS

2017-04-11 - 2019-07-25	Dean of the College of Nursing
2013-12-12 - 2015-09-14	Assistant Dean of the College of Science for Scientific Affairs
2015-09-20 - 2017-04-05	Assistant Dean of the College of Nursing for Academic Affairs

INTERNATIONAL MEMBERSHIPS

• Middle East Society of Molecular Biology

PUBLICATIONS (225)

1. **Bone Marrow Derived Mesenchymal Stem Cells: A Model for Gene Transfection Studies**
   Manara-Nova Journal of Sciences 1 (1), 1-10, 2026 | 2026

2. **Bone Marrow Derived Mesenchymal Stem Cells: A Model for Gene Transfection Studies**
   Manara-Nova Journal of Sciences 1 (1), 1-10, 2026 | 2026

3. **Polyaniline/Graphene Thin Films: Advanced Preparation Strategies, Structure-Property Relationships, and Emerging Applications**
   Journal of Macromolecular Science, Part B, 1-40, 2026 | 2026

4. **Antibacterial and biocompatibility potentials of zinc oxide quantum dots via Nd: YAG laser ablation**
   Scientific Reports, 2026 | 2026

5. **Enhanced Antimicrobial and Antidiabetic Activities of Matricaria chamomilla and Anastatica hierochuntica Extracts Toward Pathogenic Microorganisms: Phytochemical Profiling and ...**
   Foodborne Pathogens and Disease, 11, 2026 | 2026

6. **Eco-friendly synthesis of silver nanoparticles mediated Crataegus azarolus fruits: Biomedical applications and molecular docking insights**
   Nanotechnology Reviews 15 (1), 2026 | 2026

7. **Nanomaterial Strategies for High-Performance Solid-State Batteries Beyond Lithium-Ion**
   AUIQ Conference Proceedings 1 (1), 3, 2025 | 2025

8. **Analysis of bioaccumulation of multi-elements in commonly consumed medicinal plants with functionalized mesoporous silica nanoparticles using flame atomic spectroscopy**
   Analytical Methods in Environmental Chemistry Journal 8 (4), 142-159, 2025 | 2025

9. **Targeting of AMPK/MTOR signaling in the management of atherosclerosis: Outmost leveraging**
   International Journal of Biological Macromolecules 309, 142933, 2025 | 2025 | Cited: 21

10. **Nanotechnology-Based Non-Vaccine Prevention and Therapeutics: Advances in Antimicrobial Nanomaterials and Targeted Drug Delivery Systems**
    AUIQ Conference Proceedings 1 (1), 2025 | 2025 | Cited: 1

11. **Association of pus cells with sperm abnormalities in patients with sub-fertility**
    Journal of Advanced Biotechnology and Experimental Therapeutics 9 (1), 41-51, 2025 | 2025

12. **Synthesis, characterization, and evaluation of antibacterial and antioxidant properties of (Ag–NiO) nanocomposite using alternating magnetic field technique**
    The European Physical Journal Plus 140 (9), 902, 2025 | 2025

13. **Nano-assisted delivery tools for plant genetic engineering: a review on recent developments**
    Environmental Science and Pollution Research 32 (2), 469-484, 2025 | 2025 | Cited: 9

14. **Analysis of bioaccumulation of multi-elements in commonly consumed medicinal plants with functionalized mesoporous silica nanoparticles using flame atomic spectroscopy**
    Analytical Methods in Environmental Chemistry Journal 8 (4), 142-159, 2025 | 2025

15. **Synthesis, characterization, and evaluation of antibacterial and antioxidant properties of (Ag–NiO) nanocomposite using alternating magnetic field technique**
    The European Physical Journal Plus 140 (9), 1-10, 2025 | 2025

16. **Titanium dioxide nanoparticles augment Ciprofloxacin activity via Inhibition of biofilm formation for multidrug resistance bacteria in-vitro and insilco prediction study**
    Scientific Reports 15 (1), 18014, 2025 | 2025 | Cited: 14

17. **Optimized Alginate-Glycerol Nano-hydrogel Composites for Enhanced Methylene Blue Removal: Kinetic and Isotherm Analysis**
    Journal of Cluster Science 36 (5), 162, 2025 | 2025 | Cited: 2

18. **Enhanced Physico-Mechanical and Antimicrobial Properties of Nano-Zinc Oxide/Poly (Ethylene Adipate) Nanocomposite Thin Films**
    Journal of Macromolecular Science, Part B, 1-24, 2025 | 2025

19. **Potential effect of phyto-synthesized silver nanoparticles using Cotula cinerea Del Raw extract on salt tolerance of wheat seeds (Triticum durum desf, Boussellam ...**
Scientific Reports 15 (1), 28061, 2025 | 2025 | Cited: 8

20. **Magnetically enhanced ZnFe2O4 nanocomposite: a promising antibacterial, and antioxidant strategies**
Journal of Sol-Gel Science and Technology 115 (3), 1557-1566, 2025 | 2025 | Cited: 2

21. **Silver Nanoparticles: Insights into Their Physiochemical, Optical, and Electrical Properties a Review**
Plasmonics, 1-17, 2025 | 2025 | Cited: 3

22. **Sofosbuvir containing ph-responsive hydrogel microparticulate system: design, characterization, and biocompatibility assessment**
Journal of Pharmaceutical Innovation 20 (6), 286, 2025 | 2025

23. **A Study of the Mechanical and Biological Properties of Laser-Generated Nanocomposite Materials**
Plasmonics, 1-17, 2025 | 2025

24. **Green Synthesis and Antibacterial Activity of Zinc Oxide Nanoparticles Using Rosemary (Salvia rosmarinus) Extract**
Jundishapur Journal of Natural Pharmaceutical Products 20 (20), e165793, 2025 | 2025 | Cited: 2

25. **Electrospun Polyacrylonitrile–Acrylonitrile Butadiene Styrene (PAN–ABS) Nanofibers Decorated With Copper Oxide Nanoparticles: A Highly Effective Sorbent for Fuel Desulfurization**
Journal of Nanotechnology 2025 (1), 1630629, 2025 | 2025

26. **Anti-microbial and anti-hepatitis-A activities of Asphodelus refractus boiss. extract and pure isolated metabolites**
Journal of Molecular Structure 1322, 140597, 2025 | 2025 | Cited: 5

27. **Green synthesis of silver nanoparticles using Trema Orientalis (L.) extract and evaluation of their antibacterial activity**
Green Chemistry Letters and Reviews 18 (1), 2444679, 2025 | 2025 | Cited: 39

28. **Biogenic synthesized selenium nanoparticles combined chitosan nanoparticles controlled lung cancer growth via ROS generation and mitochondrial damage ...**
Nanotechnology Reviews 14 (1), 20250142, 2025 | 2025 | Cited: 12

29. **Targeting of AMPK/MTOR signaling in the management of atherosclerosis: Outmost leveraging**
International Journal of Biological Macromolecules, 142933, 2025 | 2025 | Cited: 14

30. **The role of autophagy in Graves disease: knowns and unknowns**
Frontiers in cell and developmental biology 12, 1480950, 2025 | 2025 | Cited: 9

31. **A new 3D printing milli-fluidic device with integrated nanojunction for on-site colorimetric analysis of iron in water and soil samples**
Chinese Journal of Analytical Chemistry 53 (1), 100475, 2025 | 2025 | Cited: 8

32. **In-Depth Study of Chemically Electrodeposited Cuprous Oxide (Cu2O) thin Films on ITO Glass**
Plasmonics 20 (1), 431-441, 2025 | 2025 | Cited: 4

33. **Essential oils pharmacological activity: Chemical markers, biogenesis, plant sources, and commercial products**
Process Biochemistry 144, 112-132, 2024 | 2024 | Cited: 78

34. **Fabrication, characterization and application of biocompatible nanocomposites: a review**
European Polymer Journal 214, 113187, 2024 | 2024 | Cited: 66

35. **Anti-microbial efficacy of l-glutaminase (EC 3.5.1.2) against multidrug-resistant Pseudomonas aeruginosa infection**
The Journal of antibiotics 77 (2), 111-119, 2024 | 2024 | Cited: 29

36. **Factors affecting the accumulation and variation of volatile and non-volatile constituents in rosemary, Rosmarinus officinalis L.**
Journal of Applied Research on Medicinal and Aromatic Plants 42, 100571, 2024 | 2024 | Cited: 23

37. **Purified L-glutaminase effects against multidrug-resistant Pseudomonas aeruginosa in experimental vaginosis model: an immunological and histopathological observation**
Microbial pathogenesis 196, 106949, 2024 | 2024 | Cited: 9

38. **The classical and non-classical axes of renin-angiotensin system in Parkinson disease: the bright and dark side of the moon**
Ageing Research Reviews 94, 102200, 2024 | 2024 | Cited: 24

39. **Defective autophagy and autophagy activators in myasthenia gravis: a rare entity and unusual scenario**
Autophagy 20 (7), 1473-1482, 2024 | 2024 | Cited: 25

40. **Author Correction: Extremely efficient aerogels of graphene oxide/graphene oxide nanoribbons/ sodium alginate for uranium removal from wastewater solution**
Scientific Reports 14, 4115, 2024 | 2024 | Cited: 1

41. **RETRACTED ARTICLE: Extremely efficient aerogels of graphene oxide/graphene oxide nanoribbons/sodium alginate for uranium removal from wastewater solution**
Scientific Reports 14 (1), 1285, 2024 | 2024 | Cited: 29

42. **The Compelling Role of Brain-Derived Neurotrophic Factor Signaling in Multiple Sclerosis: Role of BDNF Activators**
CNS Neuroscience & Therapeutics 30 (12), e70167, 2024 | 2024 | Cited: 27

43. **Au@ hydroxyapatite nanocomposite as a novel apoptosis Inducer and NF-KB translocation Inhibitor in prostate cancer cell line**
Inorganic Chemistry Communications 170, 113469, 2024 | 2024 | Cited: 7

44. **Nano-assisted delivery tools for plant genetic engineering: a review on recent developments**
Environmental Science and Pollution Research, 1-16, 2024 | 2024 | Cited: 1

45. **Eco-Friendly Synthesis of Silver Nanoparticles: Principles and Their Antimicrobial Characteristics**
Sustainable Nanoremediation, 253-295, 2024 | 2024 | Cited: 2

46. **Electrochemical study of an enhanced platform by electrochemical synthesis of three-dimensional polyaniline nanofibers/reduced graphene oxide thin films for diverse applications**
Scientific Reports 14 (1), 26408, 2024 | 2024 | Cited: 10

47. **Iron oxide nanoparticles: The versatility of the magnetic and functionalized nanomaterials in targeting drugs, and gene deliveries with effectual magnetofection**
Journal of Drug Delivery Science and Technology 99, 105838, 2024 | 2024 | Cited: 43

48. **Investigation of antibacterial activity and wound healing promotion properties induced by bromelain-loaded silver nanoparticles**
Plasmonics 19 (4), 1903-1916, 2024 | 2024 | Cited: 23

49. **Nanotechnology reviews: Biogenic silver nanoparticles of Moringa oleifera leaf extract: Characterization and photocatalytic application**
De Gruyter, 2024 | 2024

50. **Author Correction: Extremely efficient aerogels of graphene oxide/graphene oxide nanoribbons/ sodium alginate for uranium removal from wastewater solution**
Scientific reports, 2024 | 2024 | Cited: 1

51. **Green Synthesis of Silver Oxide Nanoparticles Using Plectranthus amboinicus and Solanum trilobatum Extracts as an Eco-friendly Approach: Characterization and ...**
Journal of Inorganic and Organometallic Polymers and Materials 34 (7), 3191-3211, 2024 | 2024 | Cited: 14

52. **Design, Preparation, and Characterization of Polycaprolactone–Chitosan Nanofibers via Electrospinning Techniques for Efficient Methylene Blue Removal from Aqueous Solutions**
Journal of Composites Science 8 (2), 68, 2024 | 2024 | Cited: 45

53. **Evaluate the Levels of Serum Eotaxin-1, Myelin Basic Protein, and Some Immunological and Biochemical Markers in Iraqi Patients with Multiple Sclerosis**
Iraqi Journal of Science, 126-137, 2024 | 2024 | Cited: 4

54. **Phytochemicals profiling, in vitro and in vivo antidiabetic activity, and in silico studies on Ajuga iva (L.) Schreb.: A comprehensive approach**
Open Chemistry 22 (1), 20230191, 2024 | 2024 | Cited: 10

55. **Protein conjugated superparamagnetic iron oxide nanoparticles for efficient vaccine delivery systems**
Plasmonics 19 (1), 379-388, 2024 | 2024 | Cited: 27

56. **Liposome Nanocarriers Based on γ Oryzanol: Preparation, Characterization, and In Vivo Assessment of Toxicity and Antioxidant Activity**
ACS omega 9 (3), 3554-3564, 2024 | 2024 | Cited: 30

57. **Antibacterial and antibiofilm activities of amikacin-conjugated gold Nanoparticles: A promising formulation for contact lens preservation**
Inorganic Chemistry Communications 162, 112286, 2024 | 2024 | Cited: 37

58. **Investigating the Antimicrobial, Antioxidant, and Anticancer Effects of Elettaria cardamomum Seed Extract Conjugated to Green Synthesized Silver Nanoparticles by ...**
Plasmonics 19 (3), 1187-1200, 2024 | 2024 | Cited: 51

59. **Influence of annealing temperature on structural, morphological, optical, magnetic, and antimicrobial properties of zinc ferrite nanoparticles**
Plasmonics 19 (4), 1753-1763, 2024 | 2024 | Cited: 29

60. **Whey Protein Concentrate Hydrolyzed by Microbial Protease: Process Optimization and Evaluation of Its Dipeptidyl Peptidase Inhibitory Activity**
Waste and Biomass Valorization 15 (4), 2259-2271, 2024 | 2024 | Cited: 3

61. **Biogenic silver nanoparticles of Moringa oleifera leaf extract: Characterization and photocatalytic application**
Nanotechnology Reviews 13 (1), 20240002, 2024 | 2024 | Cited: 24

62. **Phytochemical Characteristic Analysis and Biological Activity for Capparis spinosa L. Fruit extract**
Rafidain Journal of Science 33 (1), 68-77, 2024 | 2024 | Cited: 5

63. **RETRACTED ARTICLE: Extremely efficient aerogels of graphene oxide/graphene oxide nanoribbons/sodium alginate for uranium removal from wastewater solution**
Scientific reports 14 (1), 1285, 2024 | 2024 | Cited: 35

64. **Comparison of the Efficiency of Titanium and Molybdenum Nanometal Oxides as Adsorbents for Sulfur Compounds in Crude Oil**
Journal of Nanostructures 13 (2), 373-379, 2023 | 2023

65. **Effects of metformin on fibroblast growth factor 21 in patients with type 2 diabetes mellitus: faraway but so close**
The Egyptian Journal of Internal Medicine 35 (1), 65, 2023 | 2023 | Cited: 4

66. **Optimization of hydrolysis of whey protein concentrate using trypsin-like microbial protease and evaluation of dipeptidyl peptidase inhibitory activity of the obtained ...**
2023

67. **Comparison of the Efficiency of Titanium and Molybdenum Nanometal Oxides as Adsorbents for Sulfur Compounds in Crude Oil**
Journal of Nanostructures 13 (2), 373-379, 2023 | 2023

68. **Grapevine wood biomass as a new bio-adsorbent for methylene blue: equilibrium, thermodynamic, kinetic, and isotherm analyses, both linear and non-linear**
Desalination and Water Treatment 290, 128-146, 2023 | 2023 | Cited: 5

69. **Catalytic, Theoretical, and Biological Investigations of Ternary Metal (II) Complexes Derived from L-Valine-Based Schiff Bases and Heterocyclic Bases**
Molecules 28 (7), 2931, 2023 | 2023 | Cited: 5

70. **Catalytic response and molecular simulation studies in the development of synthetic routes in trimeric triaryl pyridinium type ionic liquids**
Scientific reports 13 (1), 4453, 2023 | 2023 | Cited: 7

71. **Synthesis and characterization of TiO2-(MoO3)/Al2O3 nanocomposite using hydrothermal method for environmental application**
Journal of Nanostructures 13 (1), 104-109, 2023 | 2023 | Cited: 2

72. **Influence of Cu2+ substitution on the structural, optical, magnetic, and antibacterial behaviour of zinc ferrite nanoparticles**
Journal of Saudi Chemical Society 27 (5), 101696, 2023 | 2023 | Cited: 42

73. **Investigating the Effects of Biogenic Zinc Oxide Nanoparticles Produced Using Papaver somniferum Extract on Oxidative Stress, Cytotoxicity, and the Induction of ...**
Biological Trace Element Research 201 (10), 4697-4709, 2023 | 2023 | Cited: 49

74. **Biosynthesis of Zinc Oxide Nanoparticles Using Capparis spinosa L. Fruit Extract: Characterization, Biocompatibility, and Antioxidant Activity**
Applied Sciences 13 (11), 6604, 2023 | 2023 | Cited: 74

75. **Fabrication of a Polycaprolactone/Chitosan Nanofibrous Scaffold Loaded with Nigella sativa Extract for Biomedical Applications**
BioTech 12 (1), 19, 2023 | 2023 | Cited: 49

76. **Development of a novel scaffold based on basil seed gum/chitosan hydrogel containing quercetin-loaded zein microshphere for bone tissue engineering**
Journal of Polymers and the Environment 31 (11), 4738-4751, 2023 | 2023 | Cited: 39

77. **Green Synthesis and Characterization of Silver Nanoparticles Using Flaxseed Extract and Evaluation of Their Antibacterial and Antioxidant Activities**
Applied Sciences 13 (4), 2182, 2023 | 2023 | Cited: 214

78. **Solid lipid nanoparticles for targeted natural and synthetic drugs delivery in high-incidence cancers, and other diseases: Roles of preparation methods, lipid composition ...**
Nanotechnology Reviews 12 (1), 20220517, 2023 | 2023 | Cited: 125

79. **Folate-methotrexate loaded bovine serum albumin nanoparticles preparation: an in vitro drug targeting cytokines overwhelming expressed immune cells from ...**
Animal Biotechnology 34 (2), 166-182, 2023 | 2023 | Cited: 30

80. **Electrospun Polycaprolactone/Chitosan Nanofibers Containing Cordia myxa Fruit Extract as Potential Biocompatible Antibacterial Wound Dressings**
Molecules 28 (6), 2501, 2023 | 2023 | Cited: 89

81. **In Vitro and In Vivo Functional Viability, and Biocompatibility Evaluation of Bovine Serum Albumin-Ingrained Microemulsion: A Model Based on Sesame Oil as the Payload for ...**
Pharmaceuticals 16 (4), 582, 2023 | 2023 | Cited: 12

82. **Antibacterial activity of green synthesized selenium nanoparticles using Vaccinium arctostaphylos (L.) fruit extract**
Cogent Food & Agriculture 9 (1), 2245612, 2023 | 2023 | Cited: 35

83. **Graphene oxide-induced, reactive oxygen species-mediated mitochondrial dysfunctions and apoptosis: high-dose toxicity in normal cells**
Nanomedicine 18 (11), 875-887, 2023 | 2023 | Cited: 26

84. **Combined oncolytic virotherapy gold nanoparticles as synergistic immunotherapy agent in breast cancer control**
Scientific Reports 13 (1), 16843, 2023 | 2023 | Cited: 8

85. **Characterization of Silver Carbonate Nanoparticles Biosynthesized Using Marine Actinobacteria and Exploring of Their Antimicrobial and Antibiofilm Activity**
Marine Drugs 21 (10), 536, 2023 | 2023 | Cited: 20

86. **Evaluation of cytotoxic activity of Syringodium isoetifolium against human breast cancer cell line-an in silico and in vitro study**
Arabian Journal of Chemistry 16 (10), 105179, 2023 | 2023 | Cited: 4

87. **Functionalized SWCNTs@Ag–TiO2 nanocomposites induce ROS-mediated apoptosis and autophagy in liver cancer cells**
Nanotechnology Reviews 12 (1), 20230127, 2023 | 2023 | Cited: 35

88. **Induction of apoptosis and autophagy via regulation of AKT and JNK mitogen-activated protein kinase pathways in breast cancer cell lines exposed to gold ...**
Nanotechnology Reviews 12 (1), 20230148, 2023 | 2023 | Cited: 17

89. **Investigation of structural properties and antibacterial activity of AgO nanoparticle extract from Solanum nigrum/Mentha leaf extracts by green synthesis method**
Green Processing and Synthesis 12 (1), 20230080, 2023 | 2023 | Cited: 32

90. **Chrysin, The Flavonoid Molecule of Antioxidant Interest**
ChemistrySelect 8 (48), e202303306, 2023 | 2023 | Cited: 46

91. **Silver-cored Ziziphus spina-christi extract-loaded antimicrobial nanosuspension: overcoming multidrug resistance**
Nanomedicine 18 (25), 1839-1854, 2023 | 2023 | Cited: 26

92. **Gold nanowires based on photonic crystal fiber by laser ablation in liquid to improve colon biosensor**
Plasmonics 18 (6), 2447-2463, 2023 | 2023 | Cited: 29

93. **Combined oncolytic virotherapy gold nanoparticles as synergistic immunotherapy agent in breast cancer control**
Scientific reports 13 (1), 16843, 2023 | 2023 | Cited: 14

94. **Evaluation and targeting of amyloid precursor protein (APP)/amyloid beta (Aβ) axis in amyloidogenic and non-amyloidogenic pathways: A time outside the tunnel**
Ageing Research Reviews 92, 102119, 2023 | 2023 | Cited: 56

95. **Acknowledgment to the Reviewers of Gels in 2022**
Gels 9 (2), 79, 2023 | 2023

96. **Acknowledgment to the Reviewers of Processes in 2022**
2023

97. **Solid lipid nanoparticles for targeted natural and synthetic drugs delivery in high-incidence cancers, and other diseases: Roles of preparation methods, lipid composition ...**
Nanotechnology reviews 12 (1), 20220517, 2023 | 2023 | Cited: 103

98. **Biosynthesis of Fe3O4 Nanoparticles mediated Allium cepa extract: Chemical characterization and antimicrobial applications**
2023 | Cited: 2

99. **Cytotoxic activities of Ferulago Abbreviata total flavonoid extract on three different cancer cell lines.**
2022 | Cited: 4

100. **Acknowledgment to Reviewers of Pharmaceutics in 2021**
Pharmaceutics 14 (2), 314, 2022 | 2022

101. **Serum Levels of Interleukin 10, Interleukin 17A, and Calcitriol in Different Groups of Colorectal Cancer Patients.**
Jordan Journal of Biological Sciences 15 (1), 2022 | 2022 | Cited: 9

102. **Eco-Friendly Synthesis of Carbon Nanoparticles by Laser Ablation in Water and Evaluation of Their Antibacterial Activity**
Journal of Nanomaterials 2022 (1), 7927447, 2022 | 2022 | Cited: 50

103. **Valorization of diatomaceous earth as a sustainable eco-coagulant for wastewater treatment: optimization by response surface methodology**
Egyptian Journal of Chemistry 65 (9), 777-788, 2022 | 2022 | Cited: 15

104. **Production and characterization of biocompatible nanofibrous scaffolds made of β-sitosterol loaded polyvinyl alcohol/tragacanth gum composites**
Nanotechnology 33 (8), 085102, 2022 | 2022 | Cited: 18

105. **Valorization of diatomaceous earth as a sustainable eco-coagulant for wastewater treatment: optimization by response surface methodology**
Egyptian Journal of Chemistry 65 (9), 777-788, 2022 | 2022 | Cited: 12

106. **Research Article Eco-Friendly Synthesis of Carbon Nanoparticles by Laser Ablation in Water and Evaluation of Their Antibacterial Activity**
2022

107. **Green Synthesis of Silver Nanoparticles Using Aqueous Citrus limon Zest Extract: Characterization and Evaluation of Their Antioxidant and Antimicrobial Properties**
Nanomaterials 12 (12), 2013, 2022 | 2022 | Cited: 306

108. **Biosynthesis of copper oxide nanoparticles mediated Annona muricata as cytotoxic and apoptosis inducer factor in breast cancer cell lines**
Scientific Reports 12 (1), 16165, 2022 | 2022 | Cited: 197

109. **Recent advances in plant-mediated zinc oxide nanoparticles with their significant biomedical properties**
Bioengineering 9 (10), 541, 2022 | 2022 | Cited: 160

110. **Gold nanoparticles loaded TNF-α and CALNN peptide as a drug delivery system and promising therapeutic agent for breast cancer cells**
Materials Technology 37 (14), 3152-3166, 2022 | 2022 | Cited: 49

111. **Inhibition of Staphylococcus aureus α-Hemolysin Production Using Nanocurcumin Capped Au@ZnO Nanocomposite**
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113. **The relevant information about the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) using the five-question approach (when, where, what, why, and how) and its ...**
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114. **In vitro study of antioxidant, antibacterial, and cytotoxicity properties of Cordia myxa fruit extract**
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115. **Extensive Study on Hematological, Immunological, Inflammatory Markers, and Biochemical Profile to Identify the Risk Factors in COVID-19 Patients**
International Journal of Inflammation 2022 (1), 5735546, 2022 | 2022 | Cited: 29

116. **Green synthesis of phosphorous-containing hydroxyapatite nanoparticles (nHAP) as a novel nano-fertilizer: preliminary assessment on pomegranate (Punica granatum L.)**
Nanomaterials 12 (9), 1527, 2022 | 2022 | Cited: 108

117. **Green synthesis, characterization, cytotoxicity, and antimicrobial activity of iron oxide nanoparticles using Nigella sativa seed extract**
Green Processing and Synthesis 11 (1), 254-265, 2022 | 2022 | Cited: 72

118. **Phytochemical analysis, and anti-microbial activities of ethanol extract of Cordia myxa fruit: In vitro study**
Research Journal of Pharmacy and Technology 15 (7), 2871-2876, 2022 | 2022 | Cited: 9

119. **Acknowledgment to Reviewers of Pharmaceuticals in 2021**
Pharmaceuticals 15 (2), 184, 2022 | 2022

120. **Green synthesis of silver nanoparticles using aqueous Citrus limon zest extract: characterization and evaluation of their antioxidant and antimicrobial properties ...**
2022 | Cited: 25

121. **Enhanced sunlight photocatalytic activity and biosafety of marine-driven synthesized cerium oxide nanoparticles. Sci Rep 11: 14734**
2021 | Cited: 11

122. **A novel microfluidic device for blood plasma filtration**
Micromachines 12 (3), 336, 2021 | 2021 | Cited: 19

123. **Development of Inula graveolens (L.) Plant Extract Electrospun/Polycaprolactone Nanofibers: A Novel Material for Biomedical Application**
Applied Sciences 11 (2), 11, 2021 | 2021 | Cited: 79

124. **Smart nanoformulation based on polymeric magnetic nanoparticles and vincristine drug: a novel therapy for apoptotic gene expression in tumors**
Life 11 (1), 71, 2021 | 2021 | Cited: 65

125. **Enhanced sunlight photocatalytic activity and biosafety of marine-driven synthesized cerium oxide nanoparticles**
Scientific Reports 11 (14734), 11, 2021 | 2021 | Cited: 134

126. **Production and characterization of biocompatible nanofibrous scaffolds made of β-sitosterol loaded polyvinyl alcohol/tragacanth gum composites**
Nanotechnology 33 (8), 085102, 2021 | 2021 | Cited: 17

127. **Gene expression and apoptosis response in hepatocellular carcinoma cells induced by biocompatible polymer / magnetic nanoparticles containing 5-Fluorouracil**
Electronic Journal of Biotechnology 51, 17, 2021 | 2021 | Cited: 41

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Pharmaceuticals 14 (6), 509, 2021 | 2021 | Cited: 100

129. **Antibacterial Activity of TiO2 Nanoparticles Prepared by One-Step Laser Ablation in Liquid**
Applied sciences 11 (10), 12, 2021 | 2021 | Cited: 216

130. **Polyethylene Glycol Functionalized Graphene Oxide Nanoparticles Loaded with Nigella sativa Extract: A Smart Antibacterial Therapeutic Drug Delivery System**
Molecules. 2021; 26(11):3067. https://doi.org/10.3390/molecules26113067 26 ..., 2021 | 2021 | Cited: 180

131. **Green Fabrication of Zinc Oxide Nanoparticles Using Phlomis Leaf Extract: Characterization and In Vitro Evaluation of Cytotoxicity and Antibacterial Properties**
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Micro/Nano Devices for Blood Analysis, Volume II, 55, 2021 | 2021

134. **Detection of DNA Damage in the Frozen Chicken Meat from the Baghdad Local Markets Using the Single-cell Gel Electrophoresis Assay under Abusive Storage Conditions**
Journal of Food and Nutrition Research 9 (2), 68-72, 2021 | 2021

135. **Current therapeutic protocols for COVID-19 and promising nanotechnology solution**
Misan Journal of Academic Studies 19 (38), 1047-1067, 2020 | 2020 | Cited: 1

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