



Abbas Fadhel Essa Jassim Al mamori

عباس فاضل عيسى جاسم المعموري

Professor

ACADEMIC TITLES

2014-09-09

Professor

TEACHING EXPERIENCE

Professor

Wasit University

1991-12 - Present

COURSES

- Solid state physics
- Solid state physics
- Solid state physics
- Materials Physics

PUBLICATIONS (3 8 6)

1. **Studying the effect of irradiation time in preparing zinc oxide nanoparticles prepared by microwave method**
Digest Journal of Nanomaterials and Biostructures | 2022
2. **Preparation and study of the structural, physical and mechanical properties of hydroxyapatite nanocomposite**
Materials Today: Proceedings | 2021
3. **Optical and Structural properties of Prepared Polyaniline - Graphene (PANI/GN) Nano - composite**
Iraqi Journal of Science 62 (1), 138-146, 2021 | 2021 | Cited: 16
4. **Optical and Structural properties of Prepared Polyaniline - Graphene (PANI/GN) Nano - composite**
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CONTACT

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EDUCATION

دكتوراه (01-01-2001)

Materials Physics

Baghdad university

RESEARCH METRICS

h-index (Scopus)	5
h-index (GS)	6
Citations (Scopus)	69
Citations (GS)	107
Documents (Scopus)	22
Documents (GS)	37

PATENTS

- Iraqi technology for manufacturing chemically acid-resistant dyes extracted from soil contaminated with crude oil waste near oil refineries
- A new method for stabilizing the hydroxyapatite phase before and after he
- Manufacturing insulation panels from damaged and loose basalt rock wool

RESEARCH INTERESTS

- Nanotechnology in the context of artificial intelligence
- Materials equipment



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73. **Fire resistance of selected construction materials**
AIP Conference Proceedings 2213, 020008-1-020008-9, 2020 | 2020 | Cited: 10
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135. **Preparation and characterization of hydroxyapatite powder and study of hydroxyapatite - alumina Composite**
Journal of physics: Conference series 1591 (IOP ebooks), 1-9, 2020 | 2020 | Cited: 13
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137. **طريقة جديدة في تثبيت طور الهايروكسي ايتايت قبل وبعد المعاملة الحرارية**
2020
138. **D.C Electrical Conductivity of Polyaniline/ Graphene Nanocomposites Produced by in situ Polymerization**
2nd International Conference in " Physical Science and Advanced Materials ...", 2020 | 2020
139. **Fires Accidents and its Implication on Mechanical and Structural Properties of Different Construction Materials**
1st Conference on Science and Technology for Early Career Researchers and ...", 2020 | 2020
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147. **Structural properties of HA:Al₂O₃:SiO₂ glass ceramics systems for bio applications**
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150. **Studying the Crystal Structure, Topography, and Anti-bacterial of a Novel Titania (TiO₂ NPs) Prepared by a Sol-gel Manner**
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165. **Study and evaluation mechanical properties of IPN²'s TDI and polyols with unsaturated polyester resins**
Iraqi Journal of Polymers 23 (1), 37-49, 2019 | 2019
166. **Studying the crystal structure, Topography, and Anti-bacterial of a Novel Titania (TiO₂NPs) Prepared by a Sol - gel Manner**
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291. **Preparation and study the physical properties of PbI₂ by using thermal evaporation to use in nuclear detector**
2018
292. **Study the crystal Structure , Surface Morphology and Antimicrobial Activity of Titanium Dioxide Nano powders prepared via a Sol - Gel**
Indian Journal of Natural Sciences 8 (49), 14275, 2018 | 2018
293. **The Investigation of Thermal Conductivity for Graphene Nanocomposite**
International Journal of Recent Research and Applied Studies 5 (12), 30, 2017 | 2017
294. **preparation light samples of bauxite zirconia composite using rice husk and enhancement the properties by Cu₂O addition**
Journal of applied sciences research 12 (6), 1 - 10, 2016 | 2016
295. **Gas sensitivity characterization of Cadmium oxide (CdO) Thin film deposited by spray pyrolysis technique for NO₂ sensor**
"ATTI DELLA " FONDAZIONE GIORGIO RONCHI, 591 - 599, 2016 | 2016
296. **Cu₂O دراسة تحضير نماذج حراريات بوكساييت – زركونيا وتحسين خصائصها بإضافة اوكسيد النحاس**
2016, 14- 1, (2) 1 كلية الكوت الجامعة | 2016
297. **تكنولوجيا عراقية لتصنيع صبغات مقاومة للحوامض الكيميائية مستخلصة من التربة الملوثة بمخلفات النفط الخام القريبة من مصافي النفط**
2015
298. **Characterization Structural and morphological properties of ZnO:In thin films prepared by ultrasonic spray method**
ATTI DELLA 54 (5), 579 -589, 2015 | 2015
299. **Synthesis of Nano TiO₂ Thin films by Sol-gel Dip-Coating Method**
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300. **(Physical and mechanical properties of polymer blends (Asphalt - Epoxy - Polystyrene**
Wasit Journal for Science and Medicine 8 (2), 157-166, 2015 | 2015
301. **Synthesis of Nano TiO₂ Thin films by Sol-gel Dip-Coating Method**
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Physical Sciences Research International 2 (3), 49-53, 2014 | 2014 | Cited: 48
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Physical Sciences Research International 2 ((4)), pp. 68-76, 2014 | 2014 | Cited: 5
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J.Thi-Qar Sci 4 (4), 40, 2014 | 2014
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Wasit Journal for Science & Medicine 7 ((1)), (151-161), 2014 | 2014
374. **Effect of Water on Some Mechanical Properties for Gravel Particles/Polyester Composites**
Al-Nahrain Journal of Science 17 (4), 115-127, 2014 | 2014
375. **Measurement Changes in Activation Energy, Hall Effect and Seebeck Effect of Lead Telluride Thin Films Prepared by Thermal Evaporation Technique with Different Annealing ...**
Journal of Materials Science and Engineering, B 1 (6B), 811, 2011 | 2011 | Cited: 7
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