

Curriculum Vitae Template

Personal Information

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| Name | Dr. Mike Khalil Haddad |
| Academic Rank | Assistant professor |
| Nationality | Jordanian |
| Address | Amman/Jordan |
| Contact Information | |
| Phone | 079 5508305 |
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| Research gate | |
| Google scholar | https://scholar.google.com/citations?user=5X1cOP4AAAAJ&hl=ar&oi=ao |



Academic Qualification

| Degree | Major | Awarding University | Duration | | Country |
|--------|--|---|----------|------------------|---------|
| | | | From | Year of Awarding | |
| Ph.D. | Engineering of Nano-materials | Ulm University | 2009 | 2016 | Germany |
| M.Sc. | Mechanical engineering/ Applied mechanics | University of Jordan | 1999 | 2002 | Jordan |
| B.Sc. | Mechanical engineering/ Production | Jordan University of Science and Technology | 1992 | 1997 | Jordan |

Academic Experience

| Duration (Years) | University | Position | Main Duties |
|------------------|----------------|-------------------------|---|
| 2016 – 2019 | Ulm University | Postdoctoral researcher | Work in different scientific researches related to nano-materials and instruct master's program students in different classes |
| 2009 – 2016 | Ulm University | Research assistant | Work in different research projects |

Professional Experience

| Duration (Years) | Institution | Job title | Main duties |
|------------------|--|---------------------------|--|
| 2022 – Present | Isra University | Innovation center manager | Manage and lead the innovation center at Isra university |
| 2020 – Present | Isra University | Assistant professor | Engineering faculty member |
| 2017 – 2020 | GFD Gesellschaft für Diamantprodukte mbH | R&D Scientist | Work in different research projects dealing with characterization and development of several micro-parts made from nanocrystalline diamond |
| 2016 – 2019 | Ulm University | Postdoctoral researcher | Work in different research projects dealing with characterization the properties of nanocrystalline diamond as well as instruct master's program students in different classes |

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|-------------|--------------------------------|-----------------------------|---|
| 2009 – 2016 | Ulm University | Graduate Research assistant | Work in different research projects |
| 2005 – 2009 | Isra University | Head of Engineering Office | Supervise some engineering projects in the university |
| 1998 – 2005 | Royal Scientific Society | Research Engineer | Participation in several applied research activities |
| 1997 – 1998 | Union Locks Co. (Sayegh Group) | Production Engineer | Supervise the production activities |

Training Courses

| Course | Organizer | Date | Participant/ instructor | language |
|--------|-----------|------|-------------------------|----------|
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Publications

| Paper title | Journal | ISSN | Vol. | Year | Country |
|--|---------------------------------|------|------|------|---------|
| Gold Nanoparticles Loaded with Chitosan Encapsulate Donepezil as a Novel Nanocomposite for Alzheimer's Disease Therapy | Materials Research | | 27 | 2024 | |
| Methotrexate–Polymer Nanocomposites for Targeted Pulmonary Drug Delivery | Indonesian Journal of Chemistry | | | 2024 | |

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|---|--|--|---------------|------|--|
| Sonicating for the uptake of paracetamol from solution by activated carbon from oak: kinetics, thermodynamics, and isotherms | Adsorption Science & Technology | | 2023 | 2023 | |
| Exploring the kinetics, thermodynamics, and isotherms of sodium naproxen uptake by oak-based activated carbon with ultrasonic enhancement | Desalination and Water Treatment | | 300 (2023) | 2023 | |
| Optimization of residual stresses inside diamond thin films grown by hot filament chemical vapor deposition (HFCVD) | Diamond and Related Materials | | 131 | 2023 | |
| Development and Evaluation of a Novel Polymer Drug Delivery System Using Cromolyn-Polyamides-Disulfide using Response Surface Design | Journal of Chemistry | | 2022 (1) | 2022 | |
| Development and Evaluation of Amlodipine-Polymer Nanocomposites Using Response Surface Methodology | International Journal of Polymer Science | | 2022 (1) | 2022 | |
| Application of factorial design and response surface methodology in the optimization of clindamycin nanocomposites | Journal of Nanomaterials | | 2022 (1) | 2022 | |

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|---|---|--|-----|------|----------------|
| Light Effect on Water Viscosity: Implication for ATP Biosynthesis | Nature scientific reports | | 5 | 2015 | United Kingdom |
| Behavior of C45 steel Subjected to Different High Pressure Torsion (HPT) Procedures | International Journal of Applied Science and Technology | | 5 | 2015 | USA |
| In-situ tensile test of high strength nanocrystalline bainitic steel | Materials Science and Engineering: A | | 620 | 2014 | Netherlands |
| Investigation of Si nanowires from VLS growth | Physica status solidi (c) | | 9 | 2012 | Germany |
| It is Time for a Change: Petri Dishes Weaken Cells | Journal of Bionic Engineering | | 9 | 2012 | China |

Books

| Book Title | Publisher | Country | Edition | Year |
|------------|-----------|---------|---------|------|
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Conference

| Scope | Name | Organizer | Date | Country | Participation | Peer- Reviewe |
|---|---|-------------------|--------------------|---------|---------------|------------------|
| Laser Application s in Life Sciences | International Conferences on Laser Applications in Life Sciences | Ulm University | 29/6 – 2/7/2014 | Germany | | |
| Nano- materials | E-MRS Acta Materialia Gold Medal Symposium | E-MRS | 17 – 21/9/2012 | Poland | | |

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|---|--|--|-------------------|---------|--|--|
| Nano- materials | XI International conference on nano- structured materials (Nano2012) | Inter- national Committee on Nano- structured Materials | 26 – 31/8/2012 | Greece | | |
| Science, Physics, and technology | Deutsche Physika- lische Gesellschaft conference | DPG | 13 – 18/3/2011 | Germany | | |

Research Interests

Bulk nanocrystalline materials

Nanocrystalline materials produced by severe plastic deformation (SPD)

Micro- and Nanocrystalline diamond produced by hot filament chemical vapor deposition (HFCVD)

Nanotechnology in life science

Professional Memberships

Jordan Engineers Association

German Physical Society

Languages

Arabic (mother tongue): Excellent in reading, writing, and speaking

English: Excellent in reading, writing, and speaking

German: Good in reading, writing, and speaking

Postgraduate Supervision

| Title | supervisee |
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Honors/Awards

– Full Ph.D. scholarship from Al-Isra University, Amman, Jordan, 2009–2013