**سيرة ذاتية لعضو هيئة تدريس**

**أولا البيانات الشخصية:**

|  |  |
| --- | --- |
| سامح عبد الحميد إسماعيل عواد | **الأسم** |
| دكتوراه | **المرتبة العلمية** |
| المعهد العالي للهندسة و التكنولوجيا بدمياط الجديدة | **جهة العمل** |
| هندسه كيميائية | **التخصص** |
| 0020 01001 090 127 | **الجوال** |
| sameh.awwad@gmail.com | **البريد الإلكتروني** |
| 5 شارع محمد عز العرب السيدة زينب القاهرة | **العنوان** |

**ثانيا :المؤهلات العلمية**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **التخصص** | **البلد** | **اسم الجامعة** | **سنة التخرج** | **الدرجة** |
| هندسة كيميائية و نووية | مصر | الكلية الفنية العسكرية | 2007 | **الدكتوراه** |
| هندسة كيميائية و نووية | مصر | الكلية الفنية العسكرية | 2000 | **الماجستير** |
| هندسة كيميائية و نووية | مصر | الكلية الفنية العسكرية | 1993 | **البكالوريوس** |

**ثالثا: الخبرات العملية:**

|  |  |  |
| --- | --- | --- |
| **الفترة الزمنية** | **جهة العمل** | **الوظيفة** |
| من 1993 الي 1/1/2017 | القوات المسلحة المصرية | عميد دكتور مهندس |
| من 1/2/2017 | المعهد العالي للهندسة و التكنولوجيا بدمياط الجديدة | مدرس هندسة كيميائية |

**رابعا- الابحاث المنشورة**

**محليا:**

|  |  |
| --- | --- |
| **NO.** | **NAME** |
| 1 | *“Deposition and characteristic of zinc oxide thin films”,* ***8th international conference on aerospace sciences and Aviation technology****, pp 765-776, (1999).* |
| 2 | *“Novel synthesis of doped and undoped zinc oxide semiconductor via sol-gel technique under ultrasonic waves effects”,* ***2nd international conference on Electrical Engineering ICEENG 99****, pp 505-513, (1999).* |
| 3 | *“Nano Hydroxyapatite gel for removal of Nickel ions for environmental applications”,* ***Isotope and radiation research****, Vol. 38, No. 2, pp 417-427, (2006).* |
| 4 | *“Nano Hydroxyapatite for environmental applications”,* ***Isotope and radiation research****, Vol. 38, No. 2, pp 429-436, (2006).* |
| 5 | *“Comparison between zinc oxide synthesis via sol-gel technique and Pechini method”,* ***4th International Conference on chemical and environmental engineering****, pp 692-704, (2007).* |
| 6 | *“The effect of pH on the synthesis of hydroxyapatite by A New polymerized organic- inorganic complex route”,* ***4th International Conference on chemical and environmental engineering****, pp 705-715, (2007).* |
| 7 | ***Egyptian Patent No. 27233 in 2015*** *published by the Academy of Scientific Research and Technology, the Arab Republic of Egypt.*  *Entitled: “Method of preparation of nano-hydroxyapatite for intravenous injection to repair fragmented DNA induced by heavy metal intoxication or cancer and exposure to radiation”.* |

**دوليا**

|  |  |
| --- | --- |
| **NO.** | **NAME** |
| 1 | *“Biocompatibility of Intravenous Nano Hydroxyapatite in Male Rats”,* ***Journal of Nature and Science****,* *Vol. 8,No.9, pp 60-68, (2010).* |
| 2 | *“In-vivo and in-vitro Prediction of the Efficiency of Nano-Synthesized Material in Removal of Lead Nitrate Toxicity”,* ***Journal of American Science***, *Vol. 7,No.1, pp 105-119, (2011).* |
| 3 | *“Efficiency of Calcium Phosphate Composite Nanoparticles in Targeting Ehrlich Carcinoma Cells Transplanted in Mice”,* ***Journal of Advanced Research*** *, Vol.7, , pp 143-154, (2016).* |
| 4 | *“Therapeutic role of a synthesized calcium phosphate nanocomposite material on hepatocarcinogenesis in rats****”, Journal of*** [***Biochemistry and Cell Biology***](http://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=2&cad=rja&uact=8&ved=0ahUKEwjUt9mZitPRAhUDOsAKHUb4Cr8QFggdMAE&url=http%3A%2F%2Fwww.nrcresearchpress.com%2Ftoc%2Fbcb%2Fcurrent%3FmobileUi%3D0&usg=AFQjCNG3_p2G3U-KY5PqthoT_qOwU1Suow&sig2=0aYMZSWbiKy9iEYLnevDlw&bvm=bv.144224172,d.ZGg)*, Vol.94, , pp 279-288, (2016).* |
| 5 | *" The devastating effect of exposure to high irradiation dose on liver and the performance of synthesized nano-HAp in relieve the associated symptoms in rats",* ***Journal of*** [***Biochemistry and Cell Biology***](http://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=2&cad=rja&uact=8&ved=0ahUKEwjUt9mZitPRAhUDOsAKHUb4Cr8QFggdMAE&url=http%3A%2F%2Fwww.nrcresearchpress.com%2Ftoc%2Fbcb%2Fcurrent%3FmobileUi%3D0&usg=AFQjCNG3_p2G3U-KY5PqthoT_qOwU1Suow&sig2=0aYMZSWbiKy9iEYLnevDlw&bvm=bv.144224172,d.ZGg)*, Vol.96, pp 507-514, (2018 )* |
| 6 | *" Performance of nano-composite materials in overcoming the acute renal failure in male rats" ,* ***Nephrology and renal Diseases*** *, Volume 3 ,pp 1-9, (2018).* |
| 7 | *“New Synthesis for Nano-Silver Formulated as a Bio-Safe Composite Structure to Employ Against Hepatotoxicity in Rats”* **Frontiers in Drug, Chemistry and Clinical Research** *(ISSN: 2631-5424), Volume-4,pp. 1-8,*  *Issue-1, (2021).* |
| 8 | *“Potential activity of silver/hydroxyapatite nano composite against damaged liver consequence to irradiation”* ***The Arab Journal of Nuclear Sciences and Applications" (AJNSA)****,( ISSN: 1110-0451) under press 2022*  **Manuscript ID: AJNSA-2201-1545** |

**خامسا: الخبرة التدريسية**

|  |  |
| --- | --- |
| **اسم المادة** | **م** |
| Operation research | 1 |
| Ceramic technology | 2 |
| Quality assurance and engineering reliability | 3 |
| Quality Control | 4 |
| Petrochemicals | 5 |
| Electroplating | 6 |

**سادسا : مراجعة و تحكيم الابحاث الدولية**

1. **Scientific Journal of Food Science & Nutrition , USA**

**Article under title " Nutritional attributes and shelf life studies of dry smoked & gamma irradiated shrimps (*Penaeus notialis*) from different water sources in Ghana." 2, 2018**

1. **Annals of Toxicology, USA**

**Article under title " Modulation of Cadmium Induced Apoptotic, Cancer and Inflammation Related Cytokines by Diallyl Disulfide in Rat Liver Cells".**

1. **Current Neurovascular Research, USA**

**Article under title "EVALUATION OF DYNAMIC THIOL/DISULFIDE HOMEOSTASIS IN ACUTE ISCHEMIC STROKE" 1,2019**

**عضو هيئة تحرير مجلة**

**Journal of Environmental & Earth Sciences**

**From 15 Jan 2019 to 14 Jan 2020**

**سابعا الاشراف علي الرسائل العلمية**

* Ph.D. thesis, Biochemistry Department, Faculty of Science, Ain Shams University, entitled: “Potential impact of a synthesized nano-composite material in treatment of different forms of liver injury induced in rats”. **Approved in 2015.**
* M.Sc. thesis, Biochemistry Department, Faculty of Science, Ain Shams University, entitled: “The effect of nano-composite on the bone marrow activity of rats after being injected by azathioprine”. (In progress)
* M.Sc. thesis, Zoology Department, Faculty of Science, Cairo University, entitled: “Performance of nano-HAp in overcoming the acute renal failure induced by cisplatin in male rats.” **Approved 8/2019**
* **ثامنا الدورات**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ملاحظات** | **تاريخ الحضور** | **الجهة** | **اسم الدورة** | **م** |
|  | 26:27/9/2020 | مركز تنمية قدرات  أعضاء هيئة التدريس والقيادات  جامعة بورسعيد | الأختبارات الالكترونية | **1** |
|  | 11:12/10/2020 | معايير الجودة الشاملة | **2** |
|  | 14:15/10/2020 | التدريس الفعال | **3** |
|  | 25:26/10/2020 | استخدام التكنولوجيا بالتدريس | **4** |
|  | 8: 9/11/2020 | الإدارة الجامعية | **5** |
|  | 11:12/11/2020 | اخلاقيات البحث العلمي | **6** |