

تقرير عن أعضاء هيئة البحوث في معمل النمذجة الصناعية

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<p>٤٧ سنة</p>	<p>٢- السن :</p>
<p>أستاذ باحث</p>	<p>٣- الوظيفة الحالية :</p>
<p>رئيس قسم (معمل) النمذجة الصناعية (منذ ٢٠٠٤)</p>	<p>٤- وظائف قيادية :</p>
<p>1. Barakat, A. A., Abou-ElFetouh, A., Hakam, M. M., Abdel-Ghany, K. M. (2014), Clinical and radiographic evaluation of a computer-generated guiding device in bilateral sagittal split osteotomies, Journal of Cranio-Maxillofacial Surgery, Vol. 42 (5) July 2014, pp.e192-e203. (Journal IF = 1.6)</p> <p>2. Shehab, M. F., Barakat, A. A., Abd Elghany, K., Baur, D. (2013), A novel design of a computer-generated splint for vertical repositioning of the maxilla after Le Fort I osteotomy., Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, Vol. 115 (2), pp 17-22 (Journal IF = 1.2)</p> <p>3. Taha, M. A., Yousef, A. F., Ghany, K. A. and Sabour, H. A. (2012), On selective laser melting of ultra high carbon steel: Effect of scan speed and post heat treatment, Materialwissenschaft und Werkstofftechnik (Materials Science and Engineering Technology), Vol. 43 (11) pp. 913-923. (Journal IF = 1.75)</p> <p>4. I-Khadem A. H., Amer A. A. and Abdel-Ghany K. M. (2011), A Technique to Construct a Computer Aided Implant Surgical Guide for Edentulous patients, Egyptian Dental Journal, Vol. 57, July 2011, pp. 1819-1824 (Journal IF = 0.8)</p> <p>5. bul Fottoh, A., Barakat, A. A., Abd Elghany, K. (2011), Computer-guided rapid-prototyped templates for segmental mandibular osteotomies: a preliminary report. Int J Med Robotics Comput Assist Surg., Vol. 7 (2) pp. 187-192. (Journal IF = 1.7)</p> <p>6. bd Elghany, K. and Bourell, D. (2012), Property evaluation of 304L stainless steel fabricated by selective laser melting, Rapid Prototyping Journal, Vol. 18 (5) pp. 420 – 428, Emerald publications. ISSN: 1355-2546 (Journal IF = 1.2)</p>	<p>٥- الأبحاث آخر ثلاث سنوات</p>

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٦- المشروعات الدولية و المحلية (الجارية)

Project Title	Funding Organization	Budget (EGP)	Role In Project
Reinforcing Additive Manufacturing Research cooperation between the Central Metallurgical Research and Development Institute and European Research Area”, project acronym: AdMERA, grant agreement ID 295016. www.fp7-admera.org	European Commissions (FP7-INCO ERAWIDE Call)	(420,000 EUR) 4 Millions EGP	PI
The integrated production of medical tools and implants from metals and plastics	III calls 2010 – Ministry of Scientific research	3 Millions EGP	Co. PI
Laser Cladding of Ti implants. International cooperation project with South Africa	Ministry of Scientific research	250000 EGP	PI