



research update

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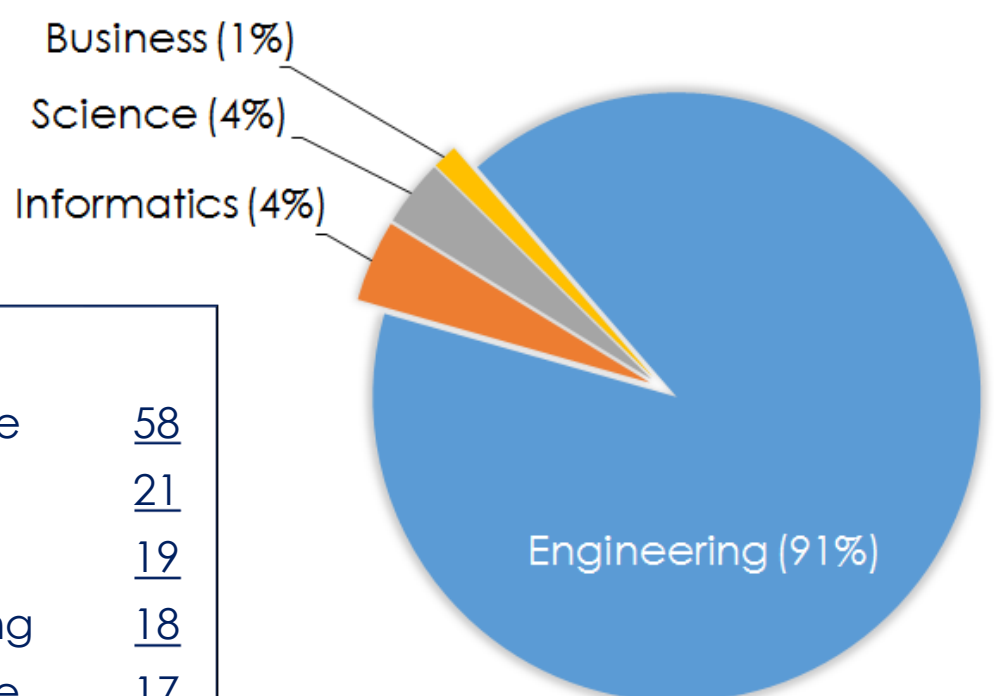


Recent Research Grants

(January-September 2017)

- Dr. Ahmed Abdel Azim, Engineering • Fabricating and Testing of Thermoelectric Si Nanowires • EGP 149,600 • Science and Technology Development Fund (STDF).
- Prof. Ahmed Hamad, Prof. Omar Karam, Prof. Osman Ibrahim, Prof. Samy Ghoniemy • Informatics & Computer Science • Design and Production of a Device of Assessing and Enhancing Personal Innovation Capabilities in Different Fields • EGP 1,500,000 • Academy of Scientific Research & Technology (ASRT).
- Prof. Ahmed Rashed • Engineering, National Campaign for Civilization Right to Build Civilization • EGP 1,086,750 • ASRT.
- Prof. Hani Ghali • Engineering • Enhancement of Photovoltaic and Wind Turbines Performance for High Temperature and Low Speed Environments • EGP 1,180,725 • Newton-Mosharafa Institutional Links, British Council & STDF.
- Dr. Tarek Hatem • Engineering • Numerical and Experimental Study of Hydrogen Embrittlement in Steel • EGP 1,000,000 • ASRT.
- Prof. Yehia Bahei-El-Din, Dr. Amr Abdel-Kader, Dr. Mostafa Shazly, Dr. Ahmed Saleh • Engineering • National Alliance for Renewable Energy Industrialization for Egypt's Sustainable Development • EGP 9,954,383 • ASRT.

35 M EGP overall external funding for BUE research



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Recent Publications Scopus

(July-September 2017)

1. MY Abdelatty, AO Zaki, A.O., MA Swillam, Applied Physics A: Materials Science and Processing 123.
2. OY Abdelaziz, WM Hosny, MA Gadalla, FH Ashour, IA Ashour, I.A., CP Hulteberg, Journal of CO2 Utilization 21.
3. L Abd-Elhamid, D Elzanfaly, AS Eldin, 11th Intl. Conference on Computer Engineering and Systems, ICCES 2016.
4. O Abdelrahem, AM Bahaa-ElDin, A Taha, 11th Intl. Conference on Computer Engineering and Systems, ICCES 2016, 32-40.
5. O Abdelrahem, AM Bahaa-ElDin, A Taha, 11th Intl. Conference on Computer Engineering and Systems, ICCES 2016, 41-44.
6. SS AbdelSalam, SA Azzam, BM Fakhry, International Journal of Geomechanics 17.
7. MMZ Ahmed, S Ataya, MM El-Sayed Seleman, HR Ammar, E Ahmed, Journal of Materials Processing Technology 242.
8. MS Ahmed, F El-Senduny, J Taylor, FT Halaweish, Chemical Biology and Drug Design.
9. IM Al-Akraa, International Journal of Hydrogen Energy 42.
10. IM Al-Akraa, AM Mohammad, MS El-Deab, BE El-Anadouli, Arabian Journal of Chemistry 10.
11. I Al-Ayouty, H Hassaballa, R Rizk, Environmental Development 21.
12. A Alsayari, L Kopel, MS Ahmed, A Pay, T Carlson, FT Halaweish, Steroids 118.
13. Y Arayici, J Counsell, L Mahdjoubi, G Nagy, S Hawas, K Dewidar, Heritage Building Information Modelling, 1-279.
14. HM Arjaibi, MS Ahmed, FT Halaweish, Medicinal Chemistry Research 26.
15. M Attallah, M Farouk, A El-Korashy, M ElOkr, Silicon.
16. BM Ayoub, Journal of AOAC International 100.
17. BM Ayoub, RM Emam, MM Youssef, MN El-Kattan, MA Sayed, AM Kowider, AH Seha, EA Rabea, RM Yakout, RH Faried, Marmara Pharmaceutical Journal 21.
18. BM Ayoub, S Mowaka, Journal of Chromatographic Science 55.
19. YA Bahei-El-Din, A Micheal, Mechanics of Materials 113.
20. A Bayoumi, MA Nosier, OE Abdelatiff, NA Mahmoud, ASG Khalil, 11th Intl. Conf. Computer Engineering and Systems.
21. K Dewidar, Heritage Building Information Modelling, 45-49.
22. V-H Duong, HA Bastawrous, KW See, Applied Energy 204.
23. W El Hanafy, GGL Nashed, International Journal of Modern Physics D.
24. SS El-Shaer, TA Salaheldin, NM Saied, SM Abdelazim, Experimental and Toxicologic Pathology.
25. RI El-Bagary, EF Elkady, S Mowaka, MA Attallah, Journal of AOACInternational 100.
26. S Elbasuney, M Gaber Zaky, M Radwan, SF Mostafa, Applied Surface Science 419.
27. SA El-Basuony, MA Sadek, TZ Wafy, HE Mostafa, Journal of Thermal Analysis and Calorimetry.
28. WM Eldehna, H Almahli, GH Al-Ansary, HA Ghabbour, MH Aly, OE Ismael, A Al-Dhfyhan, HA Abdel-Aziz, Journal of enzyme inhibition and medicinal chemistry 32.
29. RF El-Kased, RI Amer, D Attia, MM Elmazar, Scientific Reports 7.
30. AM El-Nahas, TA Salaheldin, T Zaki, HH El-Maghrabi, AM Marie, SM Morsy, NK Allam, Chemical Engineering Journal 322.
31. A Elsayed, AS Eldin, DS Elzanfaly, S Kholeif, ACM International Conference Proceeding Series, Part F129475.
32. HM El-sayed, M Lotfy, HN El-din Zohny, HS Riad, Ain Shams Engineering Journal.
33. MSA El-Seoud, IATF Taj-Eddin, Advances in Intelligent Systems and Computing 545.
34. HF El-Sofany, SA El-Seoud, Advances in Intelligent Systems and Computing 545.
35. NA El-Yamany, FF Mohamed, TA Salaheldin, AA Tohamy, WN Abd El-Mohsen, AS Amin, Experimental and Toxicologic Pathology 69.
36. MA Farag, DM El-Kersh, Journal of Advanced Research 8.



Recent Publications Scopus (cont.)

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37. MA Farag, DM El-Kersh, DM Rasheed, AG Heiss, *Industrial Crops and Products* 108.
38. AA Farid, WM Zagloul, KM Dewidar, *Intelligent Buildings International* 9.
39. MA Ghalwash, L Phillips, *Middle East Critique*.
40. P Ghenghesh, *Journal of Further and Higher Education*.
41. AA Gibriel, O Adel, *Mutation Research - Reviews in Mutation Research* 773.
42. A Gouda, O Hosny, K Nassar, *Automation in Construction* 81.
43. AM Hamed, AE Hussin, MM Kamal, AR Elbaz, *Institution of Mechanical Engineers, Part A: Journal of Power and Energy* 231.
44. I Hamouda, AM Bahaa-ElDin, H Said, *11th International Conference on Computer Engineering and Systems*, pp.275-280.
45. I Hamouda, AM Bahaa-ElDin, H Said, *11th International Conference on Computer Engineering and Systems*, pp.281-285.
46. AY Harhash, II ElSayad, AGS Zaghloul, *European Journal of Dentistry* 11.
47. YA Hashem, HM Amin, TM Essam, AS Yassin, RK Aziz, *Scientific Reports* 7.
48. O Ibrahim, MSA El-Seoud, *Advances in Intelligent Systems and Computing* 545.
49. TS Jamaluddin, H Hassan, HS Hamza, *12th IntL. Conference on Evaluation of Novel Approaches to Software Engineering*.
50. DA Kamel, MA Gadalla, FH Ashour, *Clean Technologies and Environmental Policy*.
51. SA Loutfy, TA Salaheldin, MA Ramadan, KY Farroh, ZF Abdallah, TYA Eloahed, *Asian Pacific Journal of Cancer Prevention* 18.
52. R Mason, *Third World Quarterly* 38.
53. G Mobasher, A Shawish, O Ibrahim, *9th International Conference on Computer Supported Education* 1.
54. AF Mohamed, MM Safar, HF Zaki, HM Sayed, *Inflammation* 40.
55. AM Mohammad, TA Salah Eldin, MA Hassan, BE El-Anadouli, *Arabian Journal of Chemistry* 10.
56. WM Moslem, AS El-Said, R Sabry, A Shalouf, SK El-Labany, H Bahlouli, *Physics Letters A: General, Atomic and Solid State Physics* 381.
57. RR Moussa, AHA Mahmoud, *Journal of Cleaner Production* 153.
58. S Mowaka, MA Hegazy, HM Lotfy, EH Mohamed, *Journal of AOAC International* 100.
59. BH Naguib, HB El-Nassan, TM Abdelghany, *Journal of enzyme inhibition and medicinal chemistry* 32.
60. G Nagy, J Counsell, *Heritage Building Information Modelling*.
61. GGL Nashed, *International Journal of Geometric Methods in Modern Physics* 14.
62. GGL Nashed, B Elkhatib, *International Journal of Geometric Methods in Modern Physics*.
63. S Sabet, MA George, HM El-Shorbagy, H Bassiony, KY Farroh, T Youssef, TA Salaheldin, *PLoS ONE* 12.
64. SI Salah, TM Hatem, EE Khalil, WA Abdelmaksoud, SM Bedair, *AIAA SciTech Forum - 55th AIAA Aerospace Sci. Meeting*.
65. M Salama, A Shawish, R Bahsoon, *IEEE International Conference on Cloud Computing, CLOUD*, pp.871-875.
66. K Salem, *7th International Conference on Modeling, Simulation, and Applied Optimization*.
67. AE-R Sayed, I Ashour, M Gadalla, *Chemical Engineering Research and Design* 124.
68. A Shawish, M Salama, *Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications* 3.
69. HA Soliman, E Salama, GM Youssef, S Hamad, *International Journal of Applied Glass Science*.
70. RE Tolba, WM Moslem, AA Elsadany, NA El-Bedwehy, SK El-Labany, *IEEE Transactions on Plasma Science* 45.
71. AA Torky, YF Rashed, *Engineering Analysis with Boundary Elements* 74.
72. WA Zaghary, S Mowaka, MA Hassan, BM Ayoub, *Spectrochimica Acta - A: Molecular and Biomolecular Spectroscopy* 186.
73. OS Zaki, MM Safar, AA Ain-Shoka, LA Rashed, *Inflammation*.