

Université Ferhat ABBAS Sétif 1

Production scientifique de l'année 2020

(476 Publications)

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|--------------------------|--|--|------|---|
| <input type="checkbox"/> | <u>Effect of Vacuum Annealing Temperature on the Binary System Ni/Si(100)</u>
<i>Open Access</i> | <u>Mezouar1, R., Merabet, A., Bahloul†, A.</u> | 2020 | <u>Journal of Nano- and Electronic Physics</u>
12(6) |
| 1 | | | | |
| <input type="checkbox"/> | <u>Attention-based networks for analyzing inappropriate speech in Arabic text</u>
<i>Open Access</i> | <u>Berrimi, M., Moussaoui, A., Oussalah, M., Saidi, M.</u> | 2020 | ISIA 2020 - Proceedings, 4th International Symposium on Informatics and its Applications
9416539 |
| 2 | | | | |
| <input type="checkbox"/> | <u>Comparative study between machine and deep learning methods for age, gender and ethnicity identification</u> | <u>Hamdi, S., Moussaoui, A.</u> | 2020 | ISIA 2020 - Proceedings, 4th International Symposium on Informatics and its Applications
9416549 |
| 3 | | | | |
| <input type="checkbox"/> | <u>Brain MRI Segmentation Using a Fast Fuzzy c-means Algorithm</u> | <u>Moussa, S., Chouaib, S.</u> | 2020 | ISIA 2020 - Proceedings, 4th International Symposium on Informatics and its Applications
9416540 |
| 4 | | | | |
| <input type="checkbox"/> | <u>Effect of Plant Growth Promoting Rhizobacteria (PGPR) and Arbuscular Mycorrhizal Fungi (AMF) on Salt Stress Tolerance of Casuarina obesa (Miq.)</u> | <u>Diagne, N., Ndour, M., Djighaly, P.I.,</u> | 2020 | <u>Frontiers in Sustainable Food Systems</u>
4,601004 |
| 5 | | | | |

Open Access

(...), [Svistoonoff, S.](#), [Cherif-Silini, H.](#)

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| <p><input type="checkbox"/> 6</p> | <p>Different approaches for study slope stability in quarries, case chouf amar limestone Quarry- M'sila, Algeria
<i>Open Access</i></p> | <p>Saadoun, A., Yilmaz, I., Hafsaoui, A., (...), Boukarm, R., Nakache, R.</p> | <p>2020 IOP Conference Series: Earth and Environmental Science
609(1),012093</p> |
| <p><input type="checkbox"/> 7</p> | <p>Solvent and catalyst-free synthesis, corrosion protection, thermodynamic, MDS and DFT calculation of two environmentally friendly inhibitors: Bis-phosphonic acids</p> | <p>Ouksel, L., Bourzami, R., Chafaa, S., Chafai, N.</p> | <p>2020 Journal of Molecular Structure
1222,128813</p> |
| <p><input type="checkbox"/> 8</p> | <p>Growth of Arbia goat kids in an intensive production system in Setif, Algeria [Desempenho do crescimento de cabritos Arbia sob sistema intensivo em Setif, Argélia]
<i>Open Access</i></p> | <p>Sahraoui, H., Madani, T., Benmakhlouf, H., (...), Fantazi, K., Gaouar, S.B.S.</p> | <p>2020 Revista de Ciencias Agroveterinarias
19(4), pp. 462-467</p> |
| <p><input type="checkbox"/> 9</p> | <p>Influence of modified mesoporous silica SBA-15 and compatibilizer on the properties and structure of ethylene-vinyl acetate copolymer-based nanocomposites</p> | <p>Lasmi, S., Zoukrami, F., Marcos-Fernández, Á.A., Guerba, H.</p> | <p>2020 Polymer-Plastics Technology and Materials
59(18), pp. 2003-2017</p> |
| <p><input type="checkbox"/> 10</p> | <p>Deep neural networks for Arabic information extraction</p> | <p>Saadi, A., Belhadef, H.</p> | <p>2020 Smart and Sustainable Built Environment
9(4), pp. 467-482</p> |
| <p><input type="checkbox"/> 11</p> | <p>Slope stability study in quarries by different approaches: Case Chouf Amar Quarry, Algeria
<i>Open Access</i></p> | <p>Saadoun, A., Yilmaz, I., Hafsaoui, A., (...), Boukarm, R., Nakache, R.</p> | <p>2020 IOP Conference Series: Materials Science and Engineering
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- 12 [Optimization of rechargeable battery lifespan in wireless networking protocols](#) Mabed, H., Batta, M., Aliouat, Z. 2020 [ACM International Conference Proceeding Series](#) pp. 118-124
- 13 [Predicting the density and viscosity of hydrophobic eutectic solvents: Towards the development of sustainable solvents](#) Lemaoui, T., Darwish, A.S., Attoui, A., (...), Vega, L.F., Alnashef, I.M. 2020 [Green Chemistry](#) 22(23), pp. 8511-8530
- 14 [Computational and experimental studies on the efficiency of Rosmarinus officinalis polyphenols as green corrosion inhibitors for XC48 steel in acidic medium](#) Belakhdar, A., Ferkous, H., Djellali, S., (...), Balsamo, M., Benguerba, Y. 2020 [Colloids and Surfaces A: Physicochemical and Engineering Aspects](#) 606,125458
- 15 [Synthesis, characterization, toxic substructure prediction, hepatotoxicity evaluation, marine pathogenic bacteria inhibition, and DFT calculations of a new hydrazone derived from isoniazid](#) Mokhnache, K., Karbab, A., Soltani, E.-K., (...), Charef, N., Mubarak, M.S. 2020 [Journal of Molecular Structure](#) 1221,128817
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- 17 [Analysis of Chiral and Achiral Medium Based Coplanar Waveguide Using Improved Full Generalized Exponential Matrix Technique](#) Sayad, D., Zebiri, C., Elfergani, I., (...), Abd-Alhameed, R., Benabdelaziz, F. 2020 [Radioengineering](#) 29(4), pp. 591-600
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- 18 [Anti-PT symmetry for a non-Hermitian Hamiltonian](#)
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- 19 [Contactless multi-biometric system using fingerprint and palmprint selfies](#)
Open Access Herbadji, A., Guermat, N., Ziet, L., (...), Cheniti, M., Herbadji, D. 2020 [Traitement du Signal](#) 37(6), pp. 889-897
- 20 [High prevalence of multidrug-resistant gram-negative bacterial infections in Northwest Nigeria](#)
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- 21 [First-principles search for half-metallic ferromagnetism in double perovskite \$X_2MnUO_6\$ \(\$X = Sr\$ or \$Ba\$ \) compounds](#)
Open Access Berri, S. 2020 [Acta Physica Polonica A](#) 138(6), pp. 834-837
- 22 [Genetic variability in the a microsatellite at slc11a1 gene and possible implications with innate resistance against brucellosis in algerian native goats](#)
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- 23 [Erratum: Non-diffracting nature of truncated Hermite–Gaussian beams: publisher's note \(Journal Optical Society America \(2020\) 37:11 \(C1-C6\) DOI: 10.1364/JOSAA.385913\)](#) Bencheikh, A., Forbes, A. 2020 [Journal of the Optical Society of America A: Optics and Image Science, and Vision](#) 37(12)
- 24 [Solution of the fractional bratu-Type equation via fractional residual power series method](#)
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- 25** Treatment of artificial pharmaceutical wastewater containing amoxicillin by a sequential electrocoagulation with calcium salt followed by nanofiltration *Open Access* Oulebsir, A., Chaabane, T., Tounsi, H., (...), Fililissa, A., Darchen, A. 2020 Journal of Environmental Chemical Engineering 8(6),104597
- 26** Phase stability, mechanical, electronic and thermodynamic properties of the Ga₃Sc compound: An ab-initio study Semari, F., Boulechfar, R., Dahmane, F., (...), Khenata, R., Wang, X.T. 2020 Inorganic Chemistry Communications 122,108304
- 27** A certificateless ring signature scheme with batch verification for applications in VANET Bouakkaz, S., Semchedine, F. 2020 Journal of Information Security and Applications 55,102669
- 28** Polypyrrole: a reactive and functional conductive polymer for the selective electrochemical detection of heavy metals in water Lo, M., Ktari, N., Gningue-Sall, D., (...), Delhalle, J., Chehimi, M.M. 2020 Emergent Materials 3(6), pp. 815-839
- 29** Groundwater potential zones identification using geoelectrical sounding and remote sensing in Wadi Touil plain, Northwestern Algeria Bersi, M., Saibi, H. 2020 Journal of African Earth Sciences 172,104014
- 30** Applications of Ceemdan in Dynamic Behavior of Defected Spur Gearbox Running under Acyclism Regime Hammami, A., Hmida, A., Khabou, M.T., (...), Haddar, M., Felkaoui, A. 2020 Journal of Mechanics 36(6), pp. 825-839
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- 36 Structural, Optical and Electrical Properties of $CuIn_{0.7}Ga_{0.3}Se_2$ Ingot Prepared by Direct Melting Lahlali, S., Belaqqiz, M., Amhil, S., (...), Ibannain, M., Bouloufa, A. 2020 Journal of Electronic Materials 49(12), pp. 7518-7525
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- 38 Analytical performance of functional nanostructured biointerfaces for sensing phenolic compounds Bensana, A., Achi, F. 2020 Colloids and Surfaces B: Biointerfaces 196,111344
- 39 Computational Study of Structural, Electronic, Elastic, Half-Metallic and Thermoelectric Properties of CoCrScZ (Z=Al, Si, Ge, and Ga) Quaternary Heusler Alloys Berri, S. 2020 Journal of Superconductivity and Novel Magnetism 33(12), pp. 3809-3818
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- 46 A deterministic method for continuous global optimization using a dense curve Ziadi, R., Bencherif-Madani, A., Ellaia, R. 2020 Mathematics and Computers in Simulation 178, pp. 62-91
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- M-BEB: Enhanced and Fair Binary Exponential Backoff Zerguine, N., Aliouat, Z., Mostefai, M., Harous, S. 2020 Proceedings of the 2020 14th International Conference on

- 51** Innovations in Information Technology, IIT 2020 9299014, pp. 142-147
- 52** Piezoelectric β -polymorph enhancement in graphene oxide - PLA nanocomposite films *Open Access* Oumghar, K., Chakhchaoui, N., Farhan, R., (...), Mazroui, M., Langenhove, L.V. 2020 IOP Conference Series: Materials Science and Engineering 948(1),012024
- 53** Design and performance analysis of Rectenna Circuit *Open Access* El Batal, K., Chakhchaoui, N., Eddiai, A., (...), Mazroui, M., Cherkaoui, O. 2020 IOP Conference Series: Materials Science and Engineering 948(1),012006
- 54** Extraction of Thiophene, Pyridine, and Toluene from n-Decane as a Diesel Model Using Betaine-Based Natural Deep Eutectic Solvents Hatab, F.A., Darwish, A.S., Lemaoui, T., (...), Kroon, M.C., Alnashef, I.M. 2020 Journal of Chemical and Engineering Data 65(11), pp. 5443-5457
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- 59** Factors influencing the growth of Ouled Djellal "Hodna type" lambs in the wilaya of Setif (Algeria) | [Facteurs influençant la croissance d'agneaux Ouled Djellal "type Hodna" dans la wilaya de Sétif (Algérie)] Baa, A., Bara, Y., Ben Laalam, L., Bensbaa, W. 2020 Livestock Research for Rural Development 32(11)
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| 78 | <input type="checkbox"/> <u>DCA-DS: A Distributed Clustering Algorithm Based on Dominating Set for Internet of Vehicles</u> | <u>Senouci, O., Aliouat, Z., Harous, S.</u> | 2020 <u>Wireless Personal Communications</u> 115(1), pp. 401-413 |
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| 81 | <input type="checkbox"/> <u>Kinetic study on the effect of adding P₂O₅ to the LMAS glass-ceramic [Estudio cinético sobre el efecto de agregar P₂O₅ a la vitrocerámica LMAS]</u>
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| 82 | <input type="checkbox"/> <u>Adaptive event based fault detection</u> | <u>Sid, M.A.</u> | 2020 <u>European Journal of Control</u> 56, pp. 1-9 |
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| 84 | <input type="checkbox"/> <u>Adaptive high-order sliding mode controller-observer for MIMO uncertain nonlinear systems</u> | <u>Hendel, R., Khaber, F., Essounbouli, N.</u> | 2020 <u>Asian Journal of Control</u> 22(6), pp. 2309-2329 |

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| <p>❑ 85 <u>LTEOC: Long Term Energy Optimization Clustering for Dynamic IoT Networks</u></p> | <p><u>Batta, M.S., Aliouat, Z., Mabed, H., Harous, S.</u></p> | <p>2020 2020 11th IEEE Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2020
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| <p>❑ 86 <u>HC-LEACH: Huffman Coding-based energy-efficient LEACH protocol for WSN</u></p> | <p><u>Mechta, D., Harous, S.</u></p> | <p>2020 2020 11th IEEE Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2020
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| <p>❑ 87 <u>Scheduling in IEEE 802.15.4e Time Slotted Channel Hopping: A Survey</u></p> | <p><u>Hammoudi, S., Bentaleb, A., Harous, S., Aliouat, Z.</u></p> | <p>2020 2020 11th IEEE Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2020
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| <p>❑ 88 <u>DCCORONA: Distributed Cluster-based Coordinate and Routing System for Nanonetworks</u></p> | <p><u>Bouchedjera, I.A., Louail, L., Aliouat, Z., Harous, S.</u></p> | <p>2020 2020 11th IEEE Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2020
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| <p>❑ 89 <u>Users' Power Multiplexing Limitations in NOMA System over Gaussian Channel</u>
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- 90** Renewable and Tough Poly(l -lactic acid)/Polyurethane Blends Prepared by Dynamic Vulcanization *Open Access* Fenni, S.E., Bertella, F., Monticelli, O., (...), Hadadou, N., Cavallo, D. 2020 ACS Omega 5(41), pp. 26421-26430
- 91** One-Class Training for Intrusion Detection Frihia, H., Bahi, H. 2020 ACM International Conference Proceeding Series
- 92** Analysis of A Dynamic Elasto-Viscoplastic Frictionless Antiplan Contact Problem with Normal Compliance Abbas, O., Brahim, B., Touffik, S. 2020 Australian Journal of Mathematical Analysis and Applications 17, pp. 1-11
- 93** Ab-initio study of the structural, magnetic and magneto-optical properties of Fe ultrathin films on (1 × 1)Cu(001) in the pseudomorphic regime Houcher, A., Boukelkoul, M., Benchikh, S., Haroun, M.F. 2020 Journal of Magnetism and Magnetic Materials 512,167038
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