

Row Number	Document Title	Authors	Year	Source
1.	Solving the generalized cubic cell formation problem using discrete flower pollination algorithm	Bouaziz, H., Berghida, M., Lemouari, A.	2020	<i>Expert Systems with Applications</i> , 150, art. no. 113345.
2.	Elaboration and characterization of nano-crystalline layers of transparent titanium dioxide (Anatase-TiO ₂) deposited by a sol-gel (spin coating) process	Messemeche, R., Saidi, H., Attaf, A., (...), Azizi, R., Nouadji, R.	2020	<i>Surfaces and Interfaces</i> , 19, art. no. 100482.
3.	Left ventricular segmentation based on a parallel watershed transformation towards an accurate heart function evaluation	Mahmoudi, R., Ameer, N.B., Ammari, A., (...), Hmida, B., Bedoui, M.H.	2020	<i>IET Image Processing</i> , 14(3), pp. 506-517.
4.	Pressure Dependence of Structural, Electronic, and Optical Properties of Be _{0.25} Zn _{0.75} O Alloy	Almi, K., Lakel, S.	2020	<i>Physics of the Solid State</i> , 62(2), pp. 260-266.
5.	Assessment of the outdoor thermal comfort in oases settlements	Matallah, M.E., Alkama, D., Ahriz, A., Attia, S.	2020	<i>Atmosphere</i> , 11(2), art. no. 185.
6.	Synergistic effect of iodide ions and bark resin of <i>Schinus molle</i> for the corrosion inhibition of API5L X70 pipeline steel in H ₂ SO ₄	Djellab, M., Bentrach, H., Chala, A., (...), Kherief, S., Bouamra, B.	2020	<i>Materials and Corrosion</i> .
7.	Three-Dimensional Numerical Analysis of Geosynthetic-Reinforced Embankment over Locally Weak Zone	Berrabah, F., Benmebarek, S., Benmebarek, N.	2020	<i>Transportation Infrastructure Geotechnology</i> .
8.	First Principles Study on Electronic Structure and Optical Properties of Ternary Semiconductor In _x Al _{1-x} P Alloys	Okbi, F., Lakel, S., Benramache, S., Almi, K.	2020	<i>Semiconductors</i> , 54(1), pp. 58-66.
9.	Machine learning techniques for breast cancer diagnosis: Literature review	Houfani, D., Slatnia, S., Kazar, O., (...), Merizig, A., Saouli, H.	2020	<i>Advances in Intelligent Systems and Computing</i> , 1103 AISC, pp. 247-254.
10.	Three level inverter-based unified power flow controller	Berrahal, K., Bouhental, A.E.M., Bensalem, A.	2020	<i>International Journal of Power Electronics</i> , 11(2), pp. 256-282.
11.	QoS of cloud prognostic system: Application to aircraft engines fleet	Bouzidi, Z., Terrissa, L.S., Zerhouni, N., Ayad, S.	2020	<i>European Journal of Industrial Engineering</i> , 14(1), pp. 34-57.
12.	Unsupervised Feature Reduction Techniques with Bidirectional GRU Neural Network for Aircraft Engine RUL Estimation	Remadna, I., Terrissa, S.L., Zemouri, R., Ayad, S., Zerhouni, N.	2020	<i>Advances in Intelligent Systems and Computing</i> , 1105 AISC, pp. 496-506.
13.	Spitzoid lesions diagnosis based on SMOTE-GA and stacking methods	Belaala, A., Terrissa, L.S., Zerhouni, N., Devalland, C.	2020	<i>Advances in Intelligent Systems and Computing</i> , 1103 AISC, pp. 348-356.
14.	Performance Evaluation and Comparison of Monolithic and Mechanically Stacked Dual Tandem InGaP/GaAs Heterojunction on Ge Cell: A TCAD Study	Terghini, O., Dehimi, L., Mefteh, A.M., Bencherif, H.	2020	<i>Transactions on Electrical and Electronic Materials</i> .

15.	Sprayed NiO-Doped p-Type Transparent ZnO Thin Films Suitable for Gas-Sensing Devices	Aoun, Y., Meneceur, R., Benramache, S., Maaoui, B.	2020	<i>Physics of the Solid State</i> , 62(1), pp. 131-136.
16.	Modelisation rheologique d'une flexion viscoelastique-viscoplastique	Saadallah, Y., Guerira, B., Derfouf, S.	2020	<i>UPB Scientific Bulletin, Series D: Mechanical Engineering</i> , 82(1), pp. 285-298.
17.	Mechanical characterization of electrodeposition of Ni-P alloy coating	Lekmine, F., Temam, H.B., Naoun, M., Hadjadj, M.	2020	<i>Journal of Nano- and Electronic Physics</i> , art. no. 01001.
18.	On Improving R-TNCES Rebuilding for Reconfigurable Real-Time Systems	Ramdani, M., Kahloul, L., Khalgui, M., Hafidi, Y.	2020	<i>Communications in Computer and Information Science</i> , 1172 CCIS, pp. 267-285.
19.	New Method to Reduce Verification Time of Reconfigurable Real-Time Systems Using R-TNCESs Formalism	Hafidi, Y., Kahloul, L., Khalgui, M., Ramdani, M.	2020	<i>Communications in Computer and Information Science</i> , 1172 CCIS, pp. 246-266.
20.	Smart sustainable farming management using integrated approach of IoT, blockchain & geospatial technologies	Miloudi, L., Rezeg, K., Kazar, O., Miloudi, M.K.	2020	<i>Advances in Intelligent Systems and Computing</i> , 1103 AISC, pp. 340-347.