

Documents

- 1) Sayoud, A., Djendi, M., Guessoum, A.

A new speech enhancement adaptive algorithm based on fullband–subband MSE switching
(2019) *International Journal of Speech Technology*, 22 (4), pp. 993-1005.

2-s2.0-85074859239

Document Type: Article
Publication Stage: Final
Source: Scopus

- 2) Said, Z., Ghodbane, M., Hachicha, A.A., Boumeddane, B.

Optical performance assessment of a small experimental prototype of linear Fresnel reflector
(2019) *Case Studies in Thermal Engineering*, 16, art. no. 100541, . Cited 1 time.

2-s2.0-85075452244

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

- 3) Benamor, A., Hadji, Y., Chiker, N., Haddad, A., Guedouar, B., Labaiz, M., Hakem, M., Tricoteaux, A., Nivot, C., Erauw, J.P., Badji, R., Hadji, M.

Spark Plasma Sintering and tribological behavior of Ti3SiC2–Ti5Si3–TiC composites
(2019) *Ceramics International*, 45 (17), pp. 21781-21792.

2-s2.0-85071321530

Document Type: Article
Publication Stage: Final
Source: Scopus

- 4) Chafaa, F., Khorief Nacereddine, A., Djerourou, A.

Unravelling the mechanism and the origin of the selectivity of the [3 + 2] cycloaddition reaction between electrophilic nitrene and nucleophilic alkene
(2019) *Theoretical Chemistry Accounts*, 138 (12), art. no. 123, .

2-s2.0-85075140639

Document Type: Article
Publication Stage: Final
Source: Scopus

- 5) Bouchetat, F., Aissat, A.

Evaluation of the genetic determinism of an F1 generation of barley resulting from a complete diallel cross between autochthones and introduced cultivars
(2019) *Heliyon*, 5 (11), art. no. e02744, .

2-s2.0-85074154506

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

- 6)

Bouzidi, N., Viano, Y., Ortalo-Magné, A., Seridi, H., Alliche, Z., Daghbouche, Y., Culioli, G., El Hattab, M.

Sterols from the brown alga *Cystoseira foeniculacea*: Degradation of fucosterol into saringosterol epimers
(2019) *Arabian Journal of Chemistry*, 12 (7), pp. 1474-1478. Cited 3 times.

2-s2.0-85074261222

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

7) Bellemou, A.M., García, A., Castillo, E., Benblidia, N., Anane, M., Álvarez-Bermejo, J.A., Parrilla, L.

Efficient implementation on low-cost SoC-FPGAs of TLSv1.2 protocol with ECC_AES support for secure IoT coordinators
(2019) *Electronics (Switzerland)*, 8 (11), art. no. 1238, .

2-s2.0-85074417100

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

8) Azzouz, L., Halit, M., Sidoumou, M., Charifi, Z., Allal, A., Bouchenafa, M., Baaziz, H.

Electronic Structure, Elastic and Optical Properties of AEuS₂ (A = Na, K, Rb, and Cs) Ternary Sulfides: First-Principles Study
(2019) *Physica Status Solidi (B) Basic Research*, 256 (11), art. no. 1900136, .

2-s2.0-85068620772

Document Type: Article
Publication Stage: Final
Source: Scopus

9) Ouldrabah, L., Blidia, M., Bouchou, A.

Extremal digraphs for an upper bound on the Roman domination number
(2019) *Journal of Combinatorial Optimization*, 38 (3), pp. 667-679.

2-s2.0-85063200405

Document Type: Article
Publication Stage: Final
Source: Scopus

10) Ouldrabah, L., Blidia, M., Bouchou, A.

On the k-domination number of digraphs
(2019) *Journal of Combinatorial Optimization*, 38 (3), pp. 680-688.

2-s2.0-85063320273

Document Type: Article
Publication Stage: Final
Source: Scopus

11) Mehoul, F., Bouayad, L., Berber, A., Van Hautegehem, I., Van de Wiele, M.

Analysis and risk assessment of arsenic, cadmium and lead in two fish species (*Sardina pilchardus* and *Xiphias gladius*) from Algerian coastal water
(2019) *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, 36 (10), pp. 1515-1521.

2-s2.0-85072717846

Document Type: Article
Publication Stage: Final
Source: Scopus

12) Riali, I., Fareh, M., Bouarfa, H.

Fuzzy probabilistic ontology approach: A hybrid model for handling uncertain knowledge in ontologies
(2019) *International Journal on Semantic Web and Information Systems*, 15 (4), pp. 1-20.

2-s2.0-85074356316

Document Type: Article
Publication Stage: Final
Source: Scopus

13) Hamaidia, W., Zebbiche, T., Sellam, M., Allali, A.

Performance improvement of supersonic nozzles design using a high-temperature model
(2019) *Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering*, 233 (13), pp. 4895-4910.

2-s2.0-85062470536

Document Type: Article
Publication Stage: Final
Source: Scopus

14) Bendali-Braham, A., Ikhlef-Eschouf, N., Blidia, M.

Some results on the b-chromatic number in complementary prism graphs
(2019) *RAIRO - Operations Research*, 53 (4), pp. 1187-1195.

2-s2.0-85070223250

Document Type: Article
Publication Stage: Final
Source: Scopus

15) Boudjema, N., Kherat, M., Drouiche, N., Mameri, N.

Investigation of the mechanisms of Escherichia coli cells sterilization by the application of an electric field
(2019) *International Journal of Environmental Science and Technology*, 16 (10), pp. 6259-6266.

2-s2.0-85060172774

Document Type: Article
Publication Stage: Final
Source: Scopus

16) Rbaa, M., Jabli, S., Lakhrissi, Y., Ouhsine, M., Almalki, F., Ben Hadda, T., Messgo-Moumene, S., Zarrouk, A., Lakhrissi, B.

Synthesis, antibacterial properties and bioinformatics computational analyses of novel 8-hydroxyquinoline derivatives
(2019) *Heliyon*, 5 (10), art. no. e02689, . Cited 1 time.

2-s2.0-85073545306

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

17) Bendoumia, R., Kerkar, M., Bouzekkar, S.A.

Acoustic noise reduction by new sub-band forward symmetric adaptive decorrelation algorithms
(2019) *Applied Acoustics*, 152, pp. 118-126. Cited 1 time.

2-s2.0-85063760582

Document Type: Article
Publication Stage: Final
Source: Scopus

18) Saidi, K., Maamoun, M., Bounekhla, M.

A new high performance variable step size perturb-and-observe MPPT algorithm for photovoltaic system
(2019) *International Journal of Power Electronics and Drive Systems*, 10 (3), pp. 1662-1674.

2-s2.0-85073449118

Document Type: Article
Publication Stage: Final
Source: Scopus

19) Zebbiche, T.

Supersonic Dual Bell Axisymmetric Minimum Length Nozzle Conception for High Propulsion Thrust
(2019) *International Journal of Aeronautical and Space Sciences*, 20 (3), pp. 673-687.

2-s2.0-85070825077

Document Type: Article
Publication Stage: Final
Source: Scopus

20) Aissat, A., Vilcot, J.P.

Improvement in carrier dynamics in InxGa1-xN/GaN multi-quantum well for solar cell applications
(2019) *Journal of Optics (India)*, 48 (3), pp. 324-331.

2-s2.0-85065665584

Document Type: Article
Publication Stage: Final
Source: Scopus

21) Bendib, A., Chouder, A., Kara, K., Kherbachi, A., Barkat, S., Issa, W.

New modeling approach of secondary control layer for autonomous single-phase microgrids
(2019) *Journal of the Franklin Institute*, 356 (13), pp. 6842-6874.

2-s2.0-85069552292

Document Type: Article
Publication Stage: Final
Source: Scopus

22) Meddah, K., Talha, M.K., Bahoura, M., Zairi, H.

FPGA-based system for heart rate monitoring
(2019) *IET Circuits, Devices and Systems*, 13 (6), pp. 771-782.

2-s2.0-85073158618

Document Type: Article
Publication Stage: Final
Source: Scopus

23) Hebboul, Z., Galez, C., Benbertal, D., Beauquis, S., Mugnier, Y., Benmakhlouf, A., Bouchenafa, M., Errandonea, D.

Synthesis, characterization, and crystal structure determination of a new lithium zinc iodate polymorph LiZn(IO₃)₃
(2019) *Crystals*, 9 (9), art. no. 464, .

2-s2.0-85075900144

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

24) Yahiaoui, M., Laribi-Habchi, H., Bouacem, K., Asmani, K.-L., Mechri, S., Harir, M., Bendif, H., Aïssani-El Fertas, R., Jaouadi, B.

Purification and biochemical characterization of a new organic solvent-tolerant chitinase from *Paenibacillus timonensis* strain LK-DZ15 isolated from the Djurdjura Mountains in Kabylia, Algeria
(2019) *Carbohydrate Research*, 483, art. no. 107747, .

2-s2.0-85069699313
Document Type: Article
Publication Stage: Final
Source: Scopus

25) Berghouti, H., Bedia, E.A.A., Benkhedda, A., Tounsi, A.

Vibration analysis of nonlocal porous nanobeams made of functionally graded material
(2019) *Advances in Nano Research*, 7 (5), pp. 351-364. Cited 5 times.

2-s2.0-85068879529
Document Type: Article
Publication Stage: Final
Source: Scopus

26) Yun, F., Cheng, C., Ullah, S., He, J., Zahi, M.R., Yuan, Q.

Thioether-based 2-aminobenzamide derivatives: Novel HDAC inhibitors with potent in vitro and in vivo antitumor activity
(2019) *European Journal of Medicinal Chemistry*, 176, pp. 195-207.

2-s2.0-85065649703
Document Type: Article
Publication Stage: Final
Source: Scopus

27) Semahi, S., Zemmouri, N., Singh, M.K., Attia, S.

Comparative bioclimatic approach for comfort and passive heating and cooling strategies in Algeria
(2019) *Building and Environment*, 161, art. no. 106271, .

2-s2.0-85068505398
Document Type: Article
Publication Stage: Final
Source: Scopus

28) Aigoun-Mouhous, W., Elena, G., Cabral, A., León, M., Sabaou, N., Armengol, J., Chaouia, C., Mahamedi, A.E., Berraf-Tebbal, A.

Characterization and pathogenicity of *Cylindrocarpon*-like asexual morphs associated with black foot disease in Algerian grapevine nurseries, with the description of *Pleiocarpon algeriense* sp. nov.
(2019) *European Journal of Plant Pathology*, 154 (4), pp. 887-901.

2-s2.0-85063007889
Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

29) Lynda, C., Abdelkader, A., Jean-Pierre, V.

Theoretical study of intersubband absorption coefficient of conduction band in GaAsP/GaP quantum well structures
(2019) *5th International Conference on Power Generation Systems and Renewable Energy Technologies, PGSRET 2019*, art. no. 8882693, .

2-s2.0-85074909257
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

30) Belkacem, M.A., Bechtoula, H., Bourahla, N., Belkacem, A.A.

Effect of axial load and transverse reinforcements on the seismic performance of reinforced concrete columns
(2019) *Frontiers of Structural and Civil Engineering*, 13 (4), pp. 831-851.

2-s2.0-85059628072

Document Type: Article
Publication Stage: Final
Source: Scopus

- 31) Périno, S., Chemat-Djenni, Z., Petitcolas, E., Giniès, C., Chemat, F.

Downscaling of Industrial Turbo-Distillation to Laboratory Turbo-Clevenger for Extraction of Essential Oils. Application of Concepts of Green Analytical Chemistry
(2019) *Molecules (Basel, Switzerland)*, 24 (15), .

2-s2.0-85070743317

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

- 32) Benoua, F.Z., Brada, M., Boutoumi, H., Bezzina, M., Boucherit, A., Driouche, A., Fauconnier, M.-L., Lognay, G.

Antimicrobial Activity of the Thio-Cyclized Lippia citriodora Leaf Essential Oil Cultivated in Algeria
(2019) *Journal of Biologically Active Products from Nature*, 9 (4), pp. 250-259.

2-s2.0-85074576659

Document Type: Article
Publication Stage: Final
Source: Scopus

- 33) Zebbiche, T.

Stagnation pressure effect on the supersonic minimum length nozzle design
(2019) *Aeronautical Journal*, 123 (1265), pp. 1013-1031.

2-s2.0-85070513985

Document Type: Article
Publication Stage: Final
Source: Scopus

- 34) Toubaline, N., Ali, M., Bennouar, D.

An efficient clock generation algorithm for system-on-chip based on least common multiple
(2019) *Journal of Circuits, Systems and Computers*, 28 (8), art. no. 1950128, .

2-s2.0-85053757466

Document Type: Article
Publication Stage: Final
Source: Scopus

- 35) Omar, T., Abdelaziz, R., Hamid, O.R.

An improved estimator of the zenga index for heavy-tailed distributions
(2019) *Journal of Statistics Applications and Probability*, 8 (2), pp. 91-102.

2-s2.0-85069472577

Document Type: Article
Publication Stage: Final
Source: Scopus

- 36) Mimouni, O., Badji, R., Kouadri-David, A., Gassaa, R., Chekroun, N., Hadji, M.

Microstructure and Mechanical Behavior of Friction-Stir-Welded 2017A-T451 Aluminum Alloy
(2019) *Transactions of the Indian Institute of Metals*, 72 (7), pp. 1853-1868.

2-s2.0-85064503836
Document Type: Article
Publication Stage: Final
Source: Scopus

37) Namiganda, V., Mina, Y., Meklat, A., Touati, D., Bouras, N., Barakate, M., Sabaou, N.

Antibiotic Resistance Pattern of Acinetobacter baumannii Strains Isolated from Different Clinical Specimens and Their Sensibility Against Bioactive Molecules Produced by Actinobacteria
(2019) *Arabian Journal for Science and Engineering*, 44 (7), pp. 6267-6275.

2-s2.0-85065737392
Document Type: Article
Publication Stage: Final
Source: Scopus

38) Benazzouk, S., Djazouli, Z.-E., Lutts, S.

Vermicompost Leachate as a Promising Agent for Priming and Rejuvenation of Salt-Treated Germinating Seeds in Brassica Napus
(2019) *Communications in Soil Science and Plant Analysis*, 50 (11), pp. 1344-1357.

2-s2.0-85065763706
Document Type: Article
Publication Stage: Final
Source: Scopus

39) Djendi, M., Henni, R., Djebari, M.

A new adaptive solution based on joint acoustic noise and echo cancellation for hands-free systems
(2019) *International Journal of Speech Technology*, 22 (2), pp. 407-420.

2-s2.0-85066142737
Document Type: Article
Publication Stage: Final
Source: Scopus

40) Noura, H., Mebarki, A., Abed, M.

Post-quake structural damage evaluation by neural networks: theory and calibration
(2019) *European Journal of Environmental and Civil Engineering*, 23 (6), pp. 710-727. Cited 3 times.

2-s2.0-85016479206
Document Type: Article
Publication Stage: Final
Source: Scopus

41) Lembarek, M.S., Remini, B.

Evolution of the flow of drainage waters in the Oued Righ canal, Algeria
(2019) *Journal of Water and Land Development*, 41 (1), pp. 133-138.

2-s2.0-85066324278
Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

42) Maazouz, M., Batel, N., Bahri, N., Masmoudi, N.

Homogeneity-based fast CU partitioning algorithm for HEVC intra coding
(2019) *Engineering Science and Technology, an International Journal*, 22 (3), pp. 706-714. Cited 2 times.

2-s2.0-85059558823

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

43) Dahia, A., Merrouche, D., Merouani, D.R., Rezoug, T., Aguedal, H.

Numerical Study of Long-Term Radioactivity Impact on Foodstuff for Accidental Release Using Atmospheric Dispersion Model

(2019) *Arabian Journal for Science and Engineering*, 44 (6), pp. 5233-5244.

2-s2.0-85066505950

Document Type: Article
Publication Stage: Final
Source: Scopus

44) Kerdjoudj, S., Raspaud, A.

List star edge-coloring of k-degenerate graphs and K 4 -minor free graphs

(2019) *Discrete Applied Mathematics*, 261, pp. 268-275.

2-s2.0-85061354332

Document Type: Article
Publication Stage: Final
Source: Scopus

45) Sarmoum, R., Haid, S., Biche, M., Djazouli, Z., Zebib, B., Merah, O.

Effect of salinity and water stress on the essential oil components of rosemary (*Rosmarinus officinalis* L.)

(2019) *Agronomy*, 9 (5), art. no. 214, .

2-s2.0-85065894470

Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

46) Hamiche, S., Badis, A., Jouadi, B., Bouzidi, N., Daghbouche, Y., Utczás, M., Mondello, L., El Hattab, M.

Identification of antimicrobial volatile compounds produced by the marine bacterium *Bacillus amyloliquefaciens* strain S13 newly isolated from brown alga *Zonaria tournefortii*

(2019) *Journal of Essential Oil Research*, 31 (3), pp. 203-210. Cited 1 time.

2-s2.0-85060783744

Document Type: Article
Publication Stage: Final
Source: Scopus

47) Kherbachi, A., Chouder, A., Bendib, A., Kara, K., Barkat, S.

Enhanced structure of second-order generalized integrator frequency-locked loop suitable for DC-offset rejection in single-phase systems

(2019) *Electric Power Systems Research*, 170, pp. 348-357. Cited 2 times.

2-s2.0-85061252620

Document Type: Article
Publication Stage: Final
Source: Scopus

48) Boutemak, K., Cheknane, B., Taoualit, N., Ammour, H.

Sorption of malachite green and Rhodamine-B dyes from aqueous solution by biomass waste: Kinetics, isotherm and thermodynamic studies

(2019) *Indian Journal of Chemical Technology*, 26 (3), pp. 252-257.

2-s2.0-85071270143

Document Type: Article
Publication Stage: Final
Source: Scopus

49) Chenini, L., Aissat, A., Vilcot, J.P.

Optimization of inter-subband absorption of InGaAsSb/GaAs quantum wells structure
(2019) *Superlattices and Microstructures*, 129, pp. 115-123. Cited 1 time.

2-s2.0-85063261458
Document Type: Article
Publication Stage: Final
Source: Scopus

50) Azzouz, L., Halit, M., Allal, A., Maabed, S., Bouchenafa, M., Ahmed, R., Seddik, T., Bouhemadou, A., Khenata, R.

Structural, electronic, optical and elastic properties of layered rhombohedral compounds ALaSe₂ (A = K, Rb): Insights from an ab initio study
(2019) *International Journal of Modern Physics B*, 33 (10), art. no. 1950084, .

2-s2.0-85064663068
Document Type: Article
Publication Stage: Final
Source: Scopus

51) Boudjeloud, M., Boulahouache, A., Rabia, C., Salhi, N.

La-doped supported Ni catalysts for steam reforming of methane
(2019) *International Journal of Hydrogen Energy*, 44 (20), pp. 9906-9913. Cited 2 times.

2-s2.0-85061053867
Document Type: Article
Publication Stage: Final
Source: Scopus

52) Benamor, A., Kota, S., Chiker, N., Haddad, A., Hadji, Y., Natu, V., Abdi, S., Yahi, M., Benamar, M.E.A., Sahraoui, T., Hadji, M., Barsoum, M.W.

Friction and wear properties of MoAlB against Al₂O₃ and 100Cr6 steel counterparts
(2019) *Journal of the European Ceramic Society*, 39 (4), pp. 868-877. Cited 3 times.

2-s2.0-85055675615
Document Type: Article
Publication Stage: Final
Source: Scopus

53) Chentir, I., Kchaou, H., Hamdi, M., Jridi, M., Li, S., Doumandji, A., Nasri, M.

Biofunctional gelatin-based films incorporated with food grade phycocyanin extracted from the Saharian cyanobacterium *Arthrospira* sp.
(2019) *Food Hydrocolloids*, 89, pp. 715-725. Cited 2 times.

2-s2.0-85057843228
Document Type: Article
Publication Stage: Final
Source: Scopus

54) Yaddaden, C., Benamar, M.A., Gabouze, N., Berouaken, M., Ayat, M.

Investigations on mercury ion detection in aqueous solution by triglycine surface activated porous silicon nanowires
(2019) *Physica E: Low-Dimensional Systems and Nanostructures*, 108, pp. 147-152. Cited 1 time.

2-s2.0-85058930629

Document Type: Article
Publication Stage: Final
Source: Scopus

55) Alioui, H., Bouras, O., Bollinger, J.-C.

Toward an efficient antibacterial agent: Zn- and Mg-doped hydroxyapatite nanopowders
(2019) *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, 54 (4), pp. 315-327. Cited 1 time.

2-s2.0-85060039089
Document Type: Article
Publication Stage: Final
Source: Scopus

56) Rekik, H., Zaraï Jaouadi, N., Bouacem, K., Zenati, B., Kourdali, S., Badis, A., Annane, R., Bouanane-Darenfed, A., Bejar, S., Jaouadi, B.

Physical and enzymatic properties of a new manganese peroxidase from the white-rot fungus *Trametes pubescens* strain i8 for lignin biodegradation and textile-dyes biodecolorization
(2019) *International Journal of Biological Macromolecules*, 125, pp. 514-525. Cited 3 times.

2-s2.0-85058417391
Document Type: Article
Publication Stage: Final
Source: Scopus

57) Kerid, R., Bourouina, H.

Analysis of Wireless Power Transfer System with New Resonant Circuit for High Efficiency Using Perforated Capacitors
(2019) *Arabian Journal for Science and Engineering*, 44 (3), pp. 2445-2451.

2-s2.0-85063094163
Document Type: Article
Publication Stage: Final
Source: Scopus

58) Cheffi, A., Djendi, M.

New Two Channel Set-Membership Partial-Update NLMS Algorithms for Acoustic Noise Reduction
(2019) *2018 International Conference on Signal, Image, Vision and their Applications, SIVA 2018*, art. no. 8661128, .

2-s2.0-85063869283
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

59) Messini, M., Djendi, M.

A new adaptive filtering algorithm for stereophonic acoustic echo cancellation
(2019) *Applied Acoustics*, 146, pp. 345-354.

2-s2.0-85058034538
Document Type: Article
Publication Stage: Final
Source: Scopus

60) Bellemou, A., Benblidia, N., Anane, M., Issad, M.

MicroBlaze-based multiprocessor embedded cryptosystem on FPGA for elliptic curve scalar multiplication over F_p
(2019) *Journal of Circuits, Systems and Computers*, 28 (3), art. no. 1950037, . Cited 2 times.

2-s2.0-85049060085

Document Type: Article
Publication Stage: Final
Source: Scopus

61) Bouamer, K., Remini, B., Habi, M., Rezzag, K.

The effects of the flood of October 2008 on the water quality in the M'zab valley, Algeria
(2019) *Journal of Water and Land Development*, 40 (1), pp. 173-180.

2-s2.0-85062869413
Document Type: Article
Publication Stage: Final
Source: Scopus
Access Type: Open Access

62) Benraya, I., Benblidia, N.

Comparison of Background Subtraction methods
(2019) *Proceedings of the 2018 International Conference on Applied Smart Systems, ICASS 2018*, art. no. 8652040, .

2-s2.0-85063482335
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

63) Fodhil, F., Hamidat, A., Nadjemi, O.

Potential, optimization and sensitivity analysis of photovoltaic-diesel-battery hybrid energy system for rural electrification in Algeria
(2019) *Energy*, 169, pp. 613-624. Cited 8 times.

2-s2.0-85059296913
Document Type: Article
Publication Stage: Final
Source: Scopus

64) Takhnoui, R., Yahiaoui, T., Allali, A.

Stagnation Temperature Effect on the Supersonic Flow Around Pointed Airfoils with Application for Air
(2019) *Arabian Journal for Science and Engineering*, 44 (2), pp. 1185-1203.

2-s2.0-85059935559
Document Type: Article
Publication Stage: Final
Source: Scopus

65) Bouamra, M., Merzouk, M.

Cosine Efficiency Distribution with Reduced Tower Shadowing Effect in Rotating Heliostat Field
(2019) *Arabian Journal for Science and Engineering*, 44 (2), pp. 1415-1424.

2-s2.0-85059965515
Document Type: Article
Publication Stage: Final
Source: Scopus

66) Benyacoub, A., Skender, A., Boutemak, K., Hadj-Ziane-Zafour, A.

Inclusion complexes of Melia azedarach L. seed oil/ β -cyclodextrin polymer: preparation and characterization
(2019) *Chemical Papers*, 73 (2), pp. 525-534. Cited 1 time.

2-s2.0-85061093671
Document Type: Article
Publication Stage: Final

Source: Scopus

67) Amara, Y., Boukenoui, R., Bradai, R., Salhi, H.

Design and Control of Two-Stage Standalone Photovoltaic Generation System

(2019) *Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018*, art. no. 8634511, .

2-s2.0-85062887543

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

68) Hassani, I., Kedjar, A., Ramdane, M.A., Arezki, M., Benallal, A.

Fast Sparse Adaptive Filtering Algorithms for Acoustic Echo Cancellation

(2019) *Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018*, art. no. 8634473, .

2-s2.0-85062862703

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

69) Guesmi, H., Aissat, A., Safi, M., Benyettou, F., Berbezier, I.

Simulation and optimization of GaAs_{1-x}Bix/GaAs Quantum Dot for Solar Cell Applications

(2019) *Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018*, art. no. 8634544, .

2-s2.0-85062852783

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

70) Azzououm, A.B., Aissat, A., Benyettou, F., Vilcot, J.P.

Optimization of GaAs 1-x Px/Si Tandem Dual-Junction Solar Cells

(2019) *Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018*, art. no. 8634480, .

2-s2.0-85062839356

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

71) Nait Bachir, Y., Nait Bachir, R., Hadj-Ziane-Zafour, A.

Nanodispersions stabilized by β -cyclodextrin nanospheres: application for simultaneous enhancement of bioactivity and stability of sage essential oil

(2019) *Drug Development and Industrial Pharmacy*, 45 (2), pp. 333-347. Cited 1 time.

2-s2.0-85057302537

Document Type: Article

Publication Stage: Final

Source: Scopus

72) Baouya, A., Ait Mohamed, O., Bennouar, D., Ouchani, S.

Safety analysis of train control system based on model-driven design methodology

(2019) *Computers in Industry*, 105, pp. 1-16.

2-s2.0-85055904975

Document Type: Article

Publication Stage: Final
Source: Scopus

73) Hamiche, S., Mechri, S., Khelouia, L., Annane, R., El Hattab, M., Badis, A., Jaouadi, B.

Purification and biochemical characterization of two keratinases from *Bacillus amyloliquefaciens* S13 isolated from marine brown alga *Zonaria tournefortii* with potential keratin-biodegradation and hide-unhairing activities
(2019) *International Journal of Biological Macromolecules*, 122, pp. 758-769. Cited 2 times.

2-s2.0-85056174531
Document Type: Article
Publication Stage: Final
Source: Scopus

74) Debord, J., Harel, M., Cheknane, B., Bollinger, J.-C., Bouras, O.

A bidimensional logistic distribution for use in competitive adsorption studies
(2019) *Journal of Molecular Liquids*, 275, pp. 1-7.

2-s2.0-85056754748
Document Type: Article
Publication Stage: Final
Source: Scopus

75) Mohamed, S., Bouacem, K., Mechri, S., Addou, N.A., Laribi-Habchi, H., Fardeau, M.-L., Jaouadi, B., Bouanane-Darenfed, A., Hacène, H.

Purification and biochemical characterization of a novel acido-halotolerant and thermostable endochitinase from *Melghiribacillus thermohalophilus* strain Nari2AT
(2019) *Carbohydrate Research*, 473, pp. 46-56. Cited 2 times.

2-s2.0-85059480699
Document Type: Article
Publication Stage: Final
Source: Scopus

76) Zembouai, I., Kaci, M., Bruzard, S.

The influence of gamma irradiation on the chemical structure and crystallinity of PHBV/PLA/Cloisite 30B nanocomposites
(2019) *AIP Conference Proceedings*, 2055, art. no. 100001, .

2-s2.0-85061086400
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
Access Type: Open Access

77) Bendoumia, R.

Two-channel forward NLMS algorithm combined with simple variable step-sizes for speech quality enhancement
(2019) *Analog Integrated Circuits and Signal Processing*, 98 (1), pp. 27-40. Cited 1 time.

2-s2.0-85049869548
Document Type: Article
Publication Stage: Final
Source: Scopus

78) Bendib, A., Chouder, A., Kara, K., Kherbachi, A., Barkat, S.

SOGI-FLL Based Optimal Current Control Scheme for Single-Phase Grid-Connected Photovoltaic VSIs with LCL Filter
(2019) *Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018*, art. no. 8613546, . Cited 1 time.

2-s2.0-85062168786

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

79) Bekhti, A., Maizi, M., Guerri, O., Laazab, S., Cheroudi Bouzidi, S., Boumerdassi, K.

Numerical analysis of dynamic stall on wind turbine airfoils

(2019) *2018 International Conference on Wind Energy and Applications in Algeria, ICWEAA 2018*, art. no. 8605094, .

2-s2.0-85062287116

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

80) Louassa, S., Guerri, O., Merzouk, M., Merzouk, N.K., Boudia, S.M.

Wind Resources Assessment of an Algerian Arid Area Using a CFD Model

(2019) *2018 International Conference on Wind Energy and Applications in Algeria, ICWEAA 2018*, art. no. 8605101, .

2-s2.0-85062276336

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

81) Fodhil, F., Bessenasse, M., Cherrar, I.

Feasibility study of grid-connected photovoltaic system for seawater desalination station in Algeria

(2019) *Desalination and Water Treatment*, 165, pp. 35-44.

2-s2.0-85073339528

Document Type: Article
Publication Stage: Final
Source: Scopus

82) Salim, B., Belheouane, F.I.

Numerical simulations and analysis of viscous incompressible flow in conduit with a complex transversal section

(2019) *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, 53 (2), pp. 249-258.

2-s2.0-85060289347

Document Type: Article
Publication Stage: Final
Source: Scopus

83) Henni, R., Djendi, M., Djebari, M.

A new efficient two-channel fast transversal adaptive filtering algorithm for blind speech enhancement and acoustic noise reduction

(2019) *Computers and Electrical Engineering*, 73, pp. 349-368. Cited 2 times.

2-s2.0-85059311290

Document Type: Article
Publication Stage: Final
Source: Scopus

84) Riali, I., Fareh, M., Bouarfa, H.

A semantic approach for handling probabilistic knowledge of fuzzy ontologies

(2019) *ICEIS 2019 - Proceedings of the 21st International Conference on Enterprise Information Systems*, 1, pp. 395-402.

2-s2.0-85067439072

Document Type: Conference Paper

Publication Stage: Final
Source: Scopus

85) Ali Khoudja, M., Fareh, M., Bouarfa, H.

A new supervised learning based ontology matching approach using neural networks
(2019) *Smart Innovation, Systems and Technologies*, 111, pp. 542-551.

2-s2.0-85056484444

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

86) Djendi, M., Sayoud, A.

A new dual subband fast NLMS adaptive filtering algorithm for blind speech quality enhancement and acoustic noise reduction
(2019) *International Journal of Speech Technology*, .

2-s2.0-85064201144

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

87) Zoulikha, M., Djendi, M., Guessoum, A.

A variable step size-forward blind source separation algorithm for speech enhancement
(2019) *Lecture Notes in Electrical Engineering*, 522, pp. 479-487.

2-s2.0-85053414060

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

88) Bendoumia, R., Djendi, M., Guessoum, A.

Two-channel acoustic noise reduction by new backward normalized decorrelation algorithm
(2019) *Lecture Notes in Electrical Engineering*, 522, pp. 464-478.

2-s2.0-85053403375

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

89) Djendi, M., Zoulikha, M.

A new robust blind source separation algorithm for speech enhancement
(2019) *Lecture Notes in Electrical Engineering*, 522, pp. 526-536.

2-s2.0-85053397899

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

90) Driouèche, A., Boutoumi, H., Boucherit, A.

The Performance of the Ruta Montana L. Essential Oil Bisulfite Adduct as Mixed Natural Emulsifier and a Comparison with Single Tailed Surfactant
(2019) *Journal of Dispersion Science and Technology*, .

2-s2.0-85071051619

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

91) Hamaidi-Chergui, F., Errahmani, M.B., Ouahchia, C.

Occurrence and removal of protozoan cysts and helminth eggs in the Médéa sewage treatment plant (south-east of Algiers)

(2019) *Annals of parasitology*, 65 (2), pp. 139-144.

2-s2.0-85071064185

Document Type: Article

Publication Stage: Final

Source: Scopus

92) Elhirtsi, A.A., Zebbiche, T.

Numerical investigation of geometry parameters for axisymmetric plug nozzle design at high temperature

(2019) *International Journal of Engineering Research and Technology*, 12 (2), pp. 141-150.

2-s2.0-85064517127

Document Type: Review

Publication Stage: Final

Source: Scopus

93) Tedjani, A., Benallal, A.

Compressive sensing based and PNLMS-type sparse adaptive filtering algorithms for the identification of long acoustic impulse responses

(2019) *Lecture Notes in Electrical Engineering*, 522, pp. 510-525.

2-s2.0-85053414597

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

94) Chikhi, I., Bouarfa, H.

Knowledge management process through a cloud computing based approach

(2019) *Proceedings of the European Conference on Knowledge Management, ECKM*, 1, pp. 238-247.

2-s2.0-85073376399

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

95) Chenini, L., Aissat, A., Vilcot, J.P.

Theoretical study of intersubband absorption coefficient in GaNAsBi/GaAs quantum well structures

(2019) *Lecture Notes in Electrical Engineering*, 519, pp. 216-224. Cited 1 time.

2-s2.0-85051821306

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

96) Larbi Doukara, K.

A stranding record of the short-beaked common dolphin (*Delphinus delphis*) in Algerian West Coast, during 2008–2012

(2019) *Aquatic Conservation: Marine and Freshwater Ecosystems*, .

2-s2.0-85074571356

Document Type: Article

Publication Stage: Article in Press

Source: Scopus
Access Type: Open Access

97) Hamidi, K., Rezoug, T., Poncet, S.

Numerical modeling of heat transfer in Taylor-Couette-Poiseuille systems
(2019) *Defect and Diffusion Forum*, 390, pp. 125-132.

2-s2.0-85061934602
Document Type: Article
Publication Stage: Final
Source: Scopus

98) Salhi, M., Roudane, M.

Numerical investigation of the thermal-caloric imperfections on entropy enhancement across normal shock waves
(2019) *High Temperatures - High Pressures*, 49 (4), pp. 285-308.

2-s2.0-85070594460
Document Type: Article
Publication Stage: Final
Source: Scopus

99) Kaoula, D., Bouchair, A.

The pinpointing of the most prominent parameters on the energy performance for optimal passive strategies in ecological buildings based on bioclimatic, sensitivity and uncertainty analyses
(2019) *International Journal of Ambient Energy*, .

2-s2.0-85074033118
Document Type: Article
Publication Stage: Article in Press
Source: Scopus

100) Ammi, S., Aissat, A., Wichmann, N., Bollaert, S.

III-V MOSFET structure (InP/InAs/InGaAs) I-V characteristics using silvaco TCAD simulator
(2019) *Lecture Notes in Electrical Engineering*, 519, pp. 207-215.

2-s2.0-85051809178
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

101) Aissat, A., Harchouch, N., Vilcot, J.P.

Optimization of the temperature effects on structure InAs/GaAs QDSC
(2019) *Lecture Notes in Electrical Engineering*, 519, pp. 250-257.

2-s2.0-85051772395
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

102) Ykhlef, F., Hamada, S.A., Ykhlef, F., Derbal, A., Bouchaffra, D.

Real-time detection of impulsive sounds for audio surveillance systems
(2019) *CEUR Workshop Proceedings*, 2351, .

2-s2.0-85064918736
Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

103) Choutri, K., Lagha, M., Dala, L.

Multi-layered optimal navigation system for quadrotor UAV

(2019) *Aircraft Engineering and Aerospace Technology*, .

2-s2.0-85074412708

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

104) Boukenoui, R., Mellit, A.

Applications of improved versions of fuzzy logic based maximum power point tracking for controlling photovoltaic systems

(2019) *Power Systems*, pp. 143-164.

2-s2.0-85062264112

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

105) Khelili, Y., Allali, A., Bouakkaz, R.

Numerical investigation of forced convective heat transfer around a solid circular cylinder utilizing nanofluid in unsteady regime

(2019) *Engineering Review*, 39 (3), pp. 261-269.

2-s2.0-85068418711

Document Type: Article

Publication Stage: Final

Source: Scopus

Access Type: Open Access

106) Chakhma, A., Khaldoun-Benabbas, M., Charallah-Cherif, S., Kassouri, S., Khammar, F., Amirat, Z.

Annual changes in plasma progesterone and estradiol-17 β concentrations compared to pituitary-adrenal axis activity in the female goat reared under arid environment

(2019) *Biological Rhythm Research*, .

2-s2.0-85075386594

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

107) Achour, H.Y., Doumandji, A., Bouras, N., Sabaou, N., Assunção, P.

Isolation, molecular identification and the carotenogenesis process of the microalgae *Dunaliella salina* strain DunaDZ1 isolated from an Algerian Salt Lake

(2019) *Turkish Journal of Fisheries and Aquatic Sciences*, 19 (5), pp. 399-407. Cited 1 time.

2-s2.0-85071379620

Document Type: Article

Publication Stage: Final

Source: Scopus

Access Type: Open Access

108) Boutemak, K., Taoualit, N., Cheknane, B., Laslouni, O., Djeddou, S., Medaoud, K., Mazouni, I., Aoudj, S.

Equilibrium, kinetic and thermodynamic study of green malachite and rhodamine-B dyes sorption on olive pomace

(2019) *Chemical Engineering Transactions*, 73, pp. 277-282.

2-s2.0-85067069310

Document Type: Article

Publication Stage: Final

Source: Scopus

109) Benazzouk, S., Dobrev, P.I., Djazouli, Z.-E., Motyka, V., Lutts, S.

Positive impact of vermicompost leachate on salt stress resistance in tomato (*Solanum lycopersicum* L.) at the seedling stage: a phytohormonal approach

(2019) *Plant and Soil*, .

2-s2.0-85075249297

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

110) Benchettara, A., Sidoumou, M., Mehdaoui, R., Zarrouk, A., Benchettara, A.

Electrocatalytic oxidation of paraacetylaminophenol on a graphite electrode modified with iron oxides

(2019) *Portugaliae Electrochimica Acta*, 37 (6), pp. 383-391.

2-s2.0-85071944922

Document Type: Article

Publication Stage: Final

Source: Scopus

Access Type: Open Access

111) Boukert, B., Benkhedda, A., Adda, E.B., Khodjet-Kesba, M.

Hygrothermal stresses analysis of thick composite plates using high order theory under a fick concentration distribution

(2019) *Procedia Structural Integrity*, 17, pp. 37-43.

2-s2.0-85074658373

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

Access Type: Open Access

112) Bellil, W., Aissat, A., Vilcot, J.P.

Optimization and comparison between the efficiency of GaNAsSb and GaInNAs single solar cells deposited on GaAs

(2019) *Procedia Computer Science*, 151, pp. 1028-1033.

2-s2.0-85071919863

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

Access Type: Open Access

113) Lafri, I., Hachid, A., Bitam, I.

West Nile virus in Algeria: a comprehensive overview

(2019) *New Microbes and New Infections*, 27, pp. 9-13.

2-s2.0-85056932112

Document Type: Review

Publication Stage: Final

Source: Scopus

Access Type: Open Access

114) Saidj, D., Ainbaziz, H., Iles, I., Dahmani, Y., Hornick, J.L., Moula, N.

Productive performance, metabolic, and hematologic parameters of pregnant nulliparous rabbit does according to dietary protein level

(2019) *Journal of Advanced Veterinary and Animal Research*, 6 (1), pp. 18-24.

2-s2.0-85063276537

Document Type: Article

Publication Stage: Final

Source: Scopus

Access Type: Open Access

115) Hamouda, Z., Wojkiewicz, J.L., Pud, A.A., Bergheul, S., Lasri, T.

Broadband dielectric characterization of flexible substrates using organic conductive polymer microstrip lines
(2019) *Microwave and Optical Technology Letters*, .

2-s2.0-85075807524

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

116) Lahmar, L., Benamar, M.E.A., Melzi, M.A., Melkaou, C.H., Mabdoua, Y.

Determination of trace elements Fe, Cu and Zn in the Algerian cancerous plasma using X-ray fluorescence (XRF)
(2019) *X-Ray Spectrometry*, .

2-s2.0-85075179523

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

117) Benhaliliba, M., Asar, T., Missoum, I., Ocak, Y.S., Özçelik, S., Benouis, C.E., Arrar, A.

Ac conductivity and impedance spectroscopy study and dielectric response of MgPc/GaAs organic heterojunction for solar energy application
(2019) *Physica B: Condensed Matter*, art. no. 411782, .

2-s2.0-85074399039

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

118) Mimoune, N., Kaidi, R., Benaissa, M.H., Bahouh, M.W., Baazizi, R., Azzouz, M.Y.

Metabolic profile comparison between follicular fluid and serum in normal cows and those affected by ovarian cysts
(2019) *Macedonian Veterinary Review*, 42 (1), pp. 51-59.

2-s2.0-85065301670

Document Type: Article

Publication Stage: Final

Source: Scopus

Access Type: Open Access

119) Kassouri-Maouche, S., Boukenaoui-Ferrouk, N., Charallah, S., Moudilou, E., Chakhma, A., Exbrayat, J.-M., Amirat, Z., Khammar, F.

Atretic ovarian follicles morphology and immunolocalization of active caspase-3 in Algerian bedouin goat (*Capra hircus*) ovaries [Cezayir bedevi keçisi (*Capra hircus*)'nde atretik ovaryum folikül morfolojisi ve aktif kaspaz-3 immunolokalizasyonu]
(2019) *Kafkas Üniversitesi Veteriner Fakültesi Dergisi*, 25 (2), art. no. KVFD-2018-20292, pp. 147-156. Cited 2 times.

2-s2.0-85060917211

Document Type: Article

Publication Stage: Final

Source: Scopus

Access Type: Open Access

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