

Category A Journal Publications

1. Angar, Y., Daoudi, S., Kebbouche-Gana, S., & Djelali, N.-E. (2020). *Electrocatalytic activity survey of some cathode materials for the reduction of nitrites and nitrates in aqueous solution*. **Revue Roumaine de Chimie**, 65(11), 1019–1029.
<https://doi.org/10.33224/rrch.2020.65.11.07>
2. Blizak, D., Blizak Salah, B., Bouchenak, O., & Yahiaoui, K. (2020). *Students' perceptions regarding the abrupt transition to online learning during the COVID-19 pandemic*. **Journal of Chemical Education**.
<https://doi.org/10.1021/acs.jchemed.0c00668>
3. Derguine-Mecheri, L., & Kebbouche-Gana, S. (2020). *Production from newly isolated Aspergillus sp. FS11 using agro-industrial wastes*. In **Proceedings of the 4th International Symposium on Materials and Sustainable Development: Waste Recycling and Environment** (Vol. 2). Springer.
<https://doi.org/10.1007/978-3-030-43268-3>
4. Lenchi, N., Anzil, A., Servais, P., Kebbouche-Gana, S., Gana, M. L., & Llíros, M. (2020). *Microbacterium algeriense sp. nov., a novel actinobacterium isolated from Algerian oil production waters*. **International Journal of Systematic and Evolutionary Microbiology**, 70(12).
<https://doi.org/10.1099/ijsem.0.004434>
5. Khelfaoui, M. E. A., Lenchi, N., Kebbouche-Gana, S., & Gana, M. L. (2022). *Extremely halophilic archaea from Algerian salt lakes: Isolation, phylogenetic identification and bioprospection of hydrolytic enzymes*. **Applied Ecology and Environmental Research**, 20(4), 3099–3116.
6. Benamer-Oudih, S., Tahtat, D., Nacer-Khodja, A., Mahlous, M., Hammache, Y., Guittoum, A.-E., & Kebbouche-Gana, S. (2023). *Chitosan nanoparticles with controlled size and zeta potential*. **Polymer Engineering and Science**, 63(3), 1011–1021.
<https://doi.org/10.1002/pen.26261>
7. Bounaceur, F., Abdelhamid, D., Djilali, M., Lasgaa, F., Bissaad, F. Z., & Aulagnier, S. (2023). *First North African record of a melanistic rabbit, Oryctolagus cuniculus*. **Mammalia**, 87(5), 511–513.
8. Gray, A., Adjlane, N., Arab, A., et al. (2023). *Honey bee colony loss rates in 37 countries using the COLOSS survey*. **Journal of Apicultural Research**, 62(2), 204–210.
<https://doi.org/10.1080/00218839.2022.2113329>
9. Akroum-Amrouche, D., Akroum, H., & Lounici, H. (2023). *Green hydrogen production by Rhodobacter sphaeroides*. **Energy Sources, Part A: Recovery, Utilization, and Environmental Effects**, 45(1).
<https://doi.org/10.1080/15567036.2019.1666190>
10. Akroum, H., Akroum-Amrouche, D., & Aibeche, A. (2024). *Modeling of conversion kinetics in bioenergy production technologies*. **International Journal of Green Energy**.
<https://doi.org/10.1080/15435075.2024.2377355>
11. Benamer-Oudih, S., Tahtat, D., Nacer-Khodja, A., & Kebbouche-Gana, S. (2024). *Sorption behavior of chitosan nanoparticles for single and binary removal of dyes*. **Environmental Science and Pollution Research**.
<https://doi.org/10.1007/s11356-023-27907-0>
12. Khaled, H., Bouamar, N., & Mokrani, D. (2024). *Impact of COVID-19 lockdown period on companion animal health in Algeria*. **Arquivo Brasileiro de Medicina Veterinária e Zootecnia**, 76, 249–253.
<https://doi.org/10.1590/1678-4162-13134>

13. Lenchi, N., Ahmedi, W. N. E. H., & Lliros, M. (2024).
Simultaneous removal of crude oil and heavy metals by adapted bacterial strain
Cutibacterium sp. NL2.
International Microbiology, 27, 615–630.
<https://doi.org/10.1007/s10123-023-00419-0>
14. Tou, I., Azri, Y., George, I. F., et al. (2024). Bacterial community from a plant–microbial fuel cell. *Biofuels*, 15(5), 495–504. <https://doi.org/10.1080/17597269.2023.2261751>
15. Bouguessa, I., Aber, M., Khier, N., et al. (2024).
16. Nourhouda, H., Bouchenak, O., Serttas, R., et al. (2024). *Anticancer and antiproliferative activities of Algerian Origanum majorana L. essential oil.*
Journal of Essential Oil Bearing Plants, 27(6), 1605–1616.
<https://doi.org/10.1080/0972060X.2024.2423781>
17. Tamali, H., Adjlane, N., & Özkırım, A. (2024).
Impact of national beekeeping approaches and structures on Nosema spp. prevalence.
Applied Ecology and Environmental Research, 22(3), 2785–2795.
https://doi.org/10.15666/aeer/2203_27852795
18. Haider, Y., Adjlane, N., & Haddad, N. (2025).
Environmental impacts and behavioral adaptations of honeybees in Algeria.
Insects, 16(6), 617.
<https://doi.org/10.3390/insects16060617>
19. Lenchi, N., Ahmedi, W., & Kebbouche-Gana, S. (2025).
Assessment of bioremediation potential of Stutzerimonas stutzeri NL3 and Enterobacter cloacae NL4.
Environmental Technology, 46(16), 3168–3184.
<https://doi.org/10.1080/09593330.2025.2458796>
20. Merah, S., Neggad, A., Metidji, H., et al. (2025).
Chromatographic analysis and biological activities of Inula viscosa roots.
Chemistry & Biodiversity, 22(8), e202402804.
<https://doi.org/10.1002/cbdv.202402804>

Category B journal publications and others

21. Angar, Y., Daoudi, S., Kebbouche-Gana, S., & Djelali, N.-E. (2020).
Electrocatalytic activity survey of some cathode materials for the reduction of nitrites and nitrates in aqueous solution. *Revue Roumaine de Chimie*, 65(11), 1019–1029.
<https://doi.org/10.33224/rrech.2020.65.11.07>
22. Angar, Y., Djelali, N.-E., & Kebbouche-Gana, S. (2021).
Crosslinked calcium alginates porous beads for adsorption removal of ammonium ions. *Journal of Water Chemistry and Technology*, 43, 218–227.
<https://doi.org/10.3103/S1063455X21030024>
23. Bakdi, H., Lenchi, N., Kebbouche-Gana, S., & Djelali, N.-E. (2022).
Green-synthesized silver nanoparticles and antimicrobial activity. *Bioteconología Aplicada*, 39(4), 4201–4208.
24. Nouasri, A., Metidji, H., Merah, S., et al. (2022).
Phenolic compounds and antioxidant activity of *Thymus fontanesii*. *Bulletin of Pharmaceutical Sciences*, 45(2), 615–627. <https://doi.org/10.21608/bfsa.2022.27158>
25. Nouasri, A., Ksouri, A., Merah, S., Metidji, H., & Krimat, S. (2022).
Phytochemical study and antimicrobial activity of *Cichorium intybus* L. aqueous extracts. *Bulletin of Pharmaceutical Sciences, Assiut University*, 29(2), 215–220.

26. Lenchi, N. (2023). Draft whole-genome sequences of *Microbacterium oxydans* and *Microbacterium maritopicum* strains. *Microbiology Resource Announcements*, 12(1). <https://doi.org/10.1128/mra.01089-22>
27. Benhabyles Bouttaba, N., Boumaza, S., Bouchenak, O., et al. (2023). Effect of *Salvia officinalis* extract against oxidative stress. *International Journal of Pharmacology*, 19(6), 784–794. <https://doi.org/10.3923/ijp.2023.784.794>
28. Boumaza-Hamladji, S., Benhabyles, N., Toubal, S., et al. (2023). Flavonoid content and antibacterial evaluation of *Moringa oleifera*. *Journal of Advanced Pharmaceutical Technology & Research*, 14(2).
29. Bouzidi, A., Bayou, S., Khier, N., et al. (2024). Photoinitiated polymerization of a dental formulation. *Polymer Bulletin*, 81, 4221–4235. <https://doi.org/10.1007/s00289-023-04832-3>
30. Lenchi, N., Maouche, N., & Khemili, S. (2024). Screening and docking molecular studies of natural products targeting overexpressed receptors HER-2 in breast cancer. *Archives of Razi Institute*.
31. New fused pyrimido-pyrimidines: Synthesis and biological activities. *Current Green Chemistry*, 11(1), 75–83. <https://doi.org/10.2174/2213346110666230720152024>
32. Rezzoug, H., Bouchenak, O., Boudjema, K., et al. (2024). Anti-candidiasis cream based on essential oil synergism. *Journal of Essential Oil Bearing Plants*, 27, 1–15. <https://doi.org/10.1080/0972060X.2024.2319647>
33. Henneb, M., Belabbas, R., Habbache, N., & Zenia, S. (2024). Prevalence and risk factors of *Eimeria* spp. and *Giardia* spp. in rabbits of local Algerian population. *Plant Archives*, 24(1), Article no. 002. <https://doi.org/10.51470/plantarchives.2023.v23.no1.002>
34. Ezzeroug, R., Belabbas, R., Feknous, N., Henneb, M., Taalaziza, D., & Argente, M.-J. (2024). Factors affecting weight of kits between birth and weaning in rabbits. *Veterinarija ir Zootechnika*, 82(1).
35. 22. Senani, R., Krmat, S., Dahmane, D., et al. (2024). Essential oils of *Teucrium* species: Antioxidant effect. *Journal of Essential Oil Bearing Plants*, 27(1), 241–250. <https://doi.org/10.1080/0972060X.2024.2302112>
36. Brahmi, F., Berrached, R., Kebbouche-Gana, S., & Lenchi, N. (2024). Chemical composition and biological activities of *Artemisia campestris*. *Vegetos*, 37, 1084–1097. <https://doi.org/10.1007/s42535-023-00651-z>
37. Lenchi, N., Benchouk, A., Ighilahriz, K., Alilat, A., Kebbouche-Gana, S., & Khemili-Talbi, S. (2025). Oil recovery from Algerian petroleum sludge using indigenous bacterium: An environmentally sustainable method for handling oily sludge. *International Journal of Energy and Water Resources*. <https://doi.org/10.1007/s42108-025-00394-4>
38. Brahmi, F., Benlefki, N., Koullal, R., et al. (2025). Biological activities of *Olea europaea* ssp. *sativa*. *Vegetos*. <https://doi.org/10.1007/s42535-025-01368-x>
39. Bouchenak, O., Boumaza, S., Yahiaoui, K., Benhabyles, N., Laoufi, R., Toubal, S., Khiari, O., Blizak, D., & Arab, K. (2020). Évaluation de l'activité antioxydante et de l'effet antimicrobien des composés phénoliques extraits du lichen *Xanthoria parietina* de la région de Boumerdes. *Revue scientifique (Université d'Ouargla)*.
40. Lenchi, N., Kebbouche, S., Khelfaoui, M. L., Laddada, B., Khemili, S., Gana, M. L., Akmoussi, S., & Ferioune, I. (2020). Phylogenetic characterization and screening of halophilic bacteria from Algerian salt lake for the production of biosurfactant and enzymes. *World Journal of Biology and Biotechnology*, 5(2), 1–9.

41. Yahiaoui, K., Bouchenak, O., Boumaza, S., Toubal, S., & Blizak, D. (2021). Criblage phytochimique et évaluation du pouvoir antioxydant des feuilles de *Myrtus communis* L. et *Rhamnus alaternus* L. *Revue scientifique (ASJP)*.
42. Filipi, J., Adjlane, N., Charistos, L., Kolega, Š., Kovačić, M., Requier, F., ... Hatjina, F. (2023). "SafeAgroBee" and honey bee adaptation in local and non-local environments under different management systems. In *Proceedings of the 48th Apimondia International Apicultural Congress*.
43. Martín-Hernández, R., Nanetti, A., Pinto, M. A., Nouredine, A., Haddad, N., Hosri, C., ... Medibeas Consortium. (2023). MEDIBEES: Monitoring the Mediterranean honey bee subspecies and their resilience to climate change for the improvement of sustainable agro-ecosystems. In *Proceedings of the 48th Apimondia International Apicultural Congress* (p. 315).
44. Nanetti, A., Martín-Hernández, R., Zammit Mangion, M., Pinto, M. A., Farrugia, D., Zammit Mangion, R., Adjlane, N., ... Medibeas Consortium. (2023). General beekeeping practices and main stressors identified by beekeepers in the Mediterranean. In *Proceedings of the 48th Apimondia International Apicultural Congress* (p. 173).
45. Pinto, M. A., Yadró, C. A., Henriques, D., Zammit Mangion, M., Galea, T., Farrugia, D., Adjlane, N., ... Martín-Hernández, R. (2023). Conservation status of *Apis mellifera ruttneri* inferred from whole genome sequences. In *Proceedings of the 48th Apimondia International Apicultural Congress* (p. 158).
46. Kaouche, S., & Regguem, H. (2023). Immunological and nutritional characterization of bovine colostrum: Effect of some variation factors. *Agricultural Science Digest*, 43(3), 408–413.
<https://doi.org/10.18805/ag.DF-375>
47. Guechtouli, S., Messai, C. R., Morsli, A., Hamdi, T. M., & Khelef, D. (2024). Isolation, identification, and antibiotic resistance of *Salmonella* spp. from broilers and layers in Algeria. *Egyptian Journal of Veterinary Sciences*.
<https://doi.org/10.21608/ejvs.2024.321538.2379>
48. Haider, Y., Adjlane, N., & Haddad, N. (2024). Results of the national survey on Algerian beekeeping (breeding practices, health situation). *South Florida Journal of Development*, 5(11), e4618.
<https://doi.org/10.46932/sfjdv5n11-002>
49. Haider, Y., Adjlane, N., Martin-Abdelmounaim, K., Chikhaoui, H., Hammar, A., Messaoudene, S., ... Ghougali, F. (2024). Effects of deficit irrigation on the composition of by-products of *Camelina sativa*: Towards sustainable water use in semi-arid agriculture. *Natural Resources and Sustainable Development*, 14(1).
50. Bounaceur, F., El Homsy, N. K., Abdelhamid, D., Lassgaa, F., Benamor, N., Nebouti, B., Djilali, M., Bissaad, F. Z., & Aulagnier, S. (2024). Diet of the crested porcupine *Hystrix cristata* in a semi-arid area of its native North African range. *Animal Taxonomy and Ecology*, 70(4), 353–363.
51. Eddaikra, A., Guessaibia, N., Eddaikra, N., Debib, A., Zaoui, R., Haddouche, S., Benhellal, A., & Khemili, S. (2024). Mindfulness meditation promotes reduction of metabolic stress and antioxidant defense in Hajjis. *African Journal of Biological Sciences*, 6(15), 13939–13952.
<https://doi.org/10.48047/AFJBS.6.15.2024.13938-13952>
52. Haider, Y., Adjlane, N., Martin-Hernandez, R., & Khemmouli, A. (2024). Sustainable beekeeping in Algeria: Exploring practices, challenges, and local honeybee traits for natural resource management. *Natural Resources and Sustainable Development*, 14(2), 257–278.
<https://doi.org/10.31924/nrsd.v14i2.166>

53. Laribi-Habchi, H., Amrouche, Z., Boudjamaa, N., Mahmoud Fadhila, M., Medjdoub, O., Akroum-Amrouche, D., & Akroum, H. (2024). Evaluation of the crude chitinases toxicity on the reproductive system of *Callosobruchus maculatus*. *Journal of Toxicological Studies*, 2(2), 1393–1393.
<https://doi.org/10.59400/jts.v2i2.1393>
54. Ezzeroug, R., Belabbas, R., Feknous, N., Henneb, M., Taalaziza, D., & Argente, M.-J. (2024). Factors affecting weight of kits between birth and weaning in rabbits. *Veterinarija ir Zootechnika*, 82(1).
55. Dahmani, H., Salhi, O., Nabi, M., Mokrani, D., Kaaboub, E. A., Ouchetati, I., Ouchene, N., & Khelifi Touhami, N. A. (2025). Spatiotemporal dynamics and epidemiology of cutaneous leishmaniasis in Algeria (2011–2020): One Health insights for targeted interventions. *Annals of Parasitology*, 71(2).
<https://doi.org/10.1007/s11686-025-01048-5>
56. Henneb, M., Feknous, N., Belabbas, R., Mukbel, R. M., Hammad, H. B., & Laatamna, A. (2025). First report on genotyping of *Giardia duodenalis* in farmed rabbits in Algeria. *Acta Parasitologica*, 70(2), 84.
<https://doi.org/10.1007/s11686-025-01017-y>
57. Benmokhtar, R., Bissaad, F. Z., Marniche, F., & Bounaceur, F. (2025). Comparative monitoring of arthropod auxiliary–pest complex in table grape cultivars in Boumerdes vineyards, Northern Algeria. *Journal of Agriculture and Applied Biology*, 6(2), 155–166.
58. Hernandez, R., & Haddad, N. (2025). Beekeeping in Algeria: Evaluation of beekeeping practices, trends of management and challenges. *African Journal of Food, Agriculture, Nutrition and Development*, 25(1), 25542–25564.
<https://doi.org/10.18697/ajfand.138.23705>
59. Adaika, C., Dehamchia, M., Khier, N., Bayou, S., Boukhallout, F., Mohammed, A. M. A., & Regainia, Z. (2025). Aqueous medium synthesis, characterization and evaluation of the antioxidant and antibacterial activities of new pyrimidine- and purine-ligated pyrrole. *Bulletin of the Chemical Society of Ethiopia*, 39(6), 1185–1200.
<https://doi.org/10.4314/bcse.v39i6.13>
60. Akroum-Amrouche, D., Akroum, H., & Lounici, H. (2023). Simultaneous optimization of the hydrogen production rate and substrate conversion efficiency using a response surface methodology. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 45(1), 2862–2880.
<https://doi.org/10.1080/15567036.2023.2249841>
61. Edited Books / Co-authored Books (International) Khemili-Talbi, S., Sadaoui-Smadhi, N., Kebbouce-Gana, S., Kaci-Oulebsir, H., & Eddaikra, A. (2025). Proceedings of the 2nd International Conference on Bioinformatics. [TASQ Publishing. ISBN: 978-1-291-96038-9.](https://doi.org/10.1080/15567036.2023.2249841)
62. Edited Books / Co-authored Books (National) Kebbouce-Gana, S., Angar, Y., Khemili-Talbi, S., Lenchi-Izouine, N., Akmoussi-Toumi, S., Derguine-Mecheri, L., & Lecheb, S. (2025). National Day of Applied Microbiology in the Service of Industry (JNMASI'25). Première édition. [TASQ Publishing. ISBN: 978-9969-632-22-4.](https://doi.org/10.1080/15567036.2023.2249841)