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Biología Molecular y Plantas



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Journal of Food Composition and Analysis, Volume 19, Issue 6-7, Pages 669-675

Thaipong, K.; Boonprakob, U.; Crosby, K.; Cisneros-Zevallos, L.; Hawkins Byrne, D. Cited by Scopus (480)

2. Oxidative stress, antioxidants and stress tolerance • Review article

Trends in Plant Science, Volume 7, Issue 9, Pages 405-410

Mittler, R.

Cited by Scopus (3175)

3. Pretreatment technologies for an efficient bioethanol production process based on enzymatic hydrolysis: A review • Article

Bioresource Technology, Volume 101, Issue 13, Pages 4851-4861

Alvira, P.; Tomas-Pejo, E.; Ballesteros, M.; Negro, M.J.

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International Journal of Food Microbiology, Volume 94, Issue 3, Pages 223-253
Burt, S.
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Food Chemistry, Volume 152, Pages 46-55
Acosta-Estrada, B.A.; Gutierrez-Uribe, J.A.; Serna-Saldivar, S.O.
3. **Synthesis and surface engineering of iron oxide nanoparticles for biomedical applications** • Review article
Biomaterials, Volume 26, Issue 18, Pages 3995-4021
Gupta, A.K.; Gupta, M.
4. **ZFN, TALEN, and CRISPR/Cas-based methods for genome engineering** • Review article
Trends in Biotechnology, Volume 31, Issue 7, Pages 397-405
Gaj, T.; Gersbach, C.A.; Barbas, C.F.
5. **Silver nanoparticles as a new generation of antimicrobials** • Review article
Biotechnology Advances, Volume 27, Issue 1, Pages 76-83
Rai, M.; Yadav, A.; Gade, A.
6. **Multiplex metabolic pathway engineering using CRISPR/Cas9 in *Saccharomyces cerevisiae*** • Article
Metabolic Engineering, Volume 28, Pages 213-222
Jakociunas, T.; Bonde, I.; Herrgard, M.; Harrison, S.J.; Kristensen, M.; Pedersen, L.E.; Jensen, M.K.; Keasling, J.D.

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7. **Editing plant genomes with CRISPR/Cas9** • Review article
Current Opinion in Biotechnology, Volume 32, Pages 76-84
Belhaj, K.; Chaparro-Garcia, A.; Kamoun, S.; Patron, N.J.; Nekrasov, V.
8. **Quantifying on- and off-target genome editing** • Review article
Trends in Biotechnology, Volume 33, Issue 2, Pages 132-140
Hendel, A.; Fine, E.J.; Bao, G.; Porteus, M.H.
9. **Inhibition of anaerobic digestion process: A review** • Review article
Bioresource Technology, Volume 99, Issue 10, Pages 4044-4064
Chen, Y.; Cheng, J.J.; Creamer, K.S.
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Bhardwaj, N.; Kundu, S.C.
Cited by Scopus (680)



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*Marine Pollution Bulletin, Volume 44, Issue 9, Pages 842-852
Derraik, J.G.B.
Cited by Scopus (453)*

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*Marine Pollution Bulletin, Volume 62, Issue 8, Pages 1596-1605
Andrady, A.L.
Cited by Scopus (148)*

3. **Microplastics as contaminants in the marine environment: A review** • Review article

*Marine Pollution Bulletin, Volume 62, Issue 12, Pages 2588-2597
Cole, M.; Lindeque, P.; Halsband, C.; Galloway, T.S.
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Sun, Y.; Cheng, J.
Cited by Scopus (2118)

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Ma, F.; Hanna, M.A.
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Bioresource Technology, Volume 96, Issue 6, Pages 673-686
Mosier, N.; Wyman, C.; Dale, B.; Elander, R.; Lee, Y.Y.;
Holtzapple, M.; Ladisch, M.
Cited by Scopus (2278)

4. **Inhibition of anaerobic digestion process: A review** • Review article

Bioresource Technology, Volume 99, Issue 10, Pages 4044-4064
Chen, Y.; Cheng, J.J.; Creamer, K.S.
Cited by Scopus (845)

5. **Pretreatment technologies for an efficient bioethanol production process based on enzymatic hydrolysis: A review** • Article

Bioresource Technology, Volume 101, Issue 13, Pages 4851-4861
Alvira, P.; Tomas-Pejó, E.; Ballesteros, M.; Negro, M.J.
Cited by Scopus (803)

6. **Energy production from biomass (part 1): overview of biomass** • Article

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Chisti, Y.
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Bioresource Technology, Volume 83, Issue 1, Pages 1-11
Sun, Y.; Cheng, J.
9. **Biodiesel production: a review** • Article
Bioresource Technology, Volume 70, Issue 1, Pages 1-15
Ma, F.; Hanna, M.A.
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Journal of Photochemistry and Photobiology C: Photochemistry Reviews, Volume 4, Issue 2, Pages 145-153
Gratzel, M.
11. **Features of promising technologies for pretreatment of lignocellulosic biomass** • Article
Bioresource Technology, Volume 96, Issue 6, Pages 673-686
Mosier, N.; Wyman, C.; Dale, B.; Elander, R.; Lee, Y.Y.; Holtzapple, M.; Ladisch, M.
12. **Fabrication and processing of polymer solar cells: A review of printing and coating techniques** • Review article
Solar Energy Materials and Solar Cells, Volume 93, Issue 4, Pages 394-412
Krebs, F.C.
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Fuel
Yang, H.; Yan, R.; Chen, H.; Lee, D.H.; Zheng, C.
14. **Energy production from biomass (part 1): overview of biomass** • Article
Bioresource Technology, Volume 83, Issue 1, Pages 37-46
McKendry, P.
Cited by Scopus (1055)

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Carbon, Volume 45, Issue 7, Pages 1558-1565
Stankovich, S.; Dikin, D.A.; Piner, R.D.; Kohlhaas, K.A.; Kleinhammes, A.; Jia, Y.; Wu, Y.; Nguyen, S.T.; Ruoff, R.S.
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Gupta, A.K.; Gupta, M.
[Cited by Scopus \(2844\)](#)
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Composites Science and Technology, Volume 63, Issue 15, Pages 2223-2253
Huang, Z.-M.; Zhang, Y.-Z.; Kotaki, M.; Ramakrishna, S.
[Cited by Scopus \(3168\)](#)
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Materials & Design, Volume 56, Pages 1078-1113
Mohd Jani, J.; Leary, M.; Subic, A.; Gibson, M.A.
5. [Recent advances in graphene based polymer composites](#) • Review article
Progress in Polymer Science, Volume 35, Issue 11, Pages 1350-1375
Kuilla, T.; Bhadra, S.; Yao, D.; Kim, N.H.; Bose, S.; Lee, J.H.
[Cited by Scopus \(763\)](#)
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Singh, V.; Joung, D.; Zhai, L.; Das, S.; Khondaker, S.I.; Seal, S.
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Rinaudo, M.
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Scrosati, B.; Garche, J.
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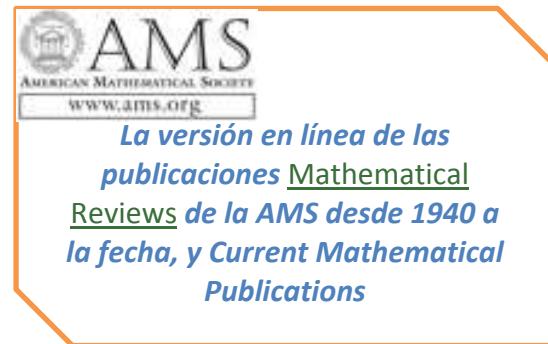
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Fujishima, A.; Zhang, X.; Tryk, D.A.
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Surface Science Reports, Volume 48, Issue 5-8, Pages 53-229
Diebold, U.
[Cited by Scopus \(3162\)](#)
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Wicki, A.; Witzigmann, D.; Balasubramanian, V.; Huwyler, J.
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Colloids and Surfaces B: Biointerfaces, Volume 75, Issue 1, Pages 1-18
Kumari, A.; Yadav, S.K.; Yadav, S.C.
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Thomason, J.L.; Yang, L.; Meier, R.
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Ravi Kumar, M.N.
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Danier, F.; Ansorena, E.; Silva, J.M.; Coco, R.; Le Breton, A.; Preat, V.
[Cited by Scopus \(327\)](#)



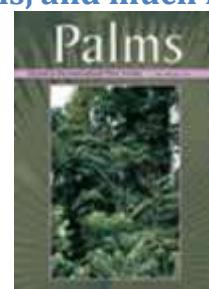
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Progress in Polymer Science, Volume 36, Issue 7, Pages 887-913
Rao, J.P.; Geckeler, K.E.
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Progress in Polymer Science, Volume 32, Issue 8-9, Pages 762-798
Nair, L.S.; Laurencin, C.T.
[Cited by Scopus \(1120\)](#)
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Biomaterials, Volume 27, Issue 18, Pages 3413-3431
Rezwan, K.; Chen, Q.Z.; Blaker, J.J.; Boccaccini, A.R.
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Spitalsky, Z.; Tasis, D.; Papagelis, K.; Galiotis, C.
[Cited by Scopus \(899\)](#)

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1. **Generalized linear mixed models: a practical guide for ecology and evolution** • Review article
Trends in Ecology & Evolution, Volume 24, Issue 3, Pages 127-135
Bolker, B.M.; Brooks, M.E.; Clark, C.J.; Geange, S.W.; Poulsen, J.R.; Stevens, M.H.H.; White, J.S.S.
Cited by Scopus (1488)
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Landscape and Urban Planning, Volume 68, Issue 1, Pages 129-138
Chiesura, A.
Cited by Scopus (360)
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Trends in Ecology & Evolution, Volume 30, Issue 1, Pages 25-35
Kress, W.J.; Garcia-Robledo, C.; Uriarte, M.; Erickson, D.L.
6. **Fifteen forms of biodiversity trend in the Anthropocene** • Review article
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McGill, B.J.; Dornelas, M.; Gotelli, N.J.;



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