

**NAME** AMRANE Abdeltif  
**BIRTH DATE** April 7, 1965  
**ADDRESS** ENSCR – UMR CNRS 6226 "Institut des Sciences Chimiques de Rennes"  
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**PRESENT JOB** Professor (Chemical and Environmental Engineering - Air and Water Treatment)

◆ **PROFESSIONAL EXPERIENCE**

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**2018 → present** **Professor Exceptional class – University of Rennes 1**  
 (Chemistry Department of the Technological Institute).  
**Deputy Director** from 2018 →  
**2008 – 2018** Professor 1<sup>st</sup> class – University of Rennes 1  
 Head of the Chemistry Department from 2006 – 2012  
**2001 – 2008** Professor 2<sup>nd</sup> class – University of Rennes 1.  
**1993 – 2001** Associate Professor – University of Rennes 1 (Chemistry Department of the  
 Technological Institute)  
**1998-1999** Assistant Lecturer and Researcher – University of Rennes 1 (Chemistry Department of  
 the Technological Institute)  
**1992 (6 months)** Engineer – Société Armoricaïne de Traitement des Algues (BRITTA Program)

◆ **EDUCATION AND RESEARCH ACTIVITIES**

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**1998** **Thesis Director Enabling Degree** (*Separation Process Laboratory – University of Rennes 1*)  
**1991** **PhD in Chemistry** (*Separation Process Laboratory – University of Rennes 1*)  
**1988** **Master (DEA) in Chemistry** (*University of Rennes 1 – France*)  
**1987** **Chemical Engineering Degree** (*USTHB Algiers – Algeria*)

**RESEARCH TOPICS** (within the "CIP" team, Physico-chemical and biological treatment processes, ENSCR)

**Fermentation and Biological treatment processes / Environmental bioengineering**

**Applications:** Organic products biodegradation: *Gas treatment and wastewater treatment*

**Research projects:** involvement in research projects as a manager or a participant, including 1 European project (Life Environment), 1 CIFRE (Industrial Agreements for Training through Research) contract, 2 ANR (National Research Agency), 1 regional (Brittany), 1 ADEME (French Environment and Energy Management Agency) and 1 CNRS (IngECOTech) during the last 10 years.

He is also implicated in **international collaborations** (Algeria, Belgium, Hungary, Iran, Lebanon, Mexico, Morocco, Poland, Portugal, Romania, Spain, Tunisia).

**Thesis management:** He has managed 9 PhD theses as thesis director and 6 are in progress; he has also co-managed 20 PhD theses and 2 co-management theses are in progress.

**SCIENTIFIC PRODUCTION (2015 → present)**

<https://scholar.google.fr/citations?user=Ja0n0ZUAAA&hl=fr>

[https://www.researchgate.net/profile/Abdeltif\\_Amrane](https://www.researchgate.net/profile/Abdeltif_Amrane)

<http://www.scopus.com/authid/detail.url?authorId=7003955640>

Web of Science: Number of citations: 4694 ; h index : 34

Google Scholar: Number of citations: 7063 ; h index : 42

	→2014	2015	2016	2017	2018	2019	<b>Total</b>
<b>International Publications</b>	199 <sup>a</sup>	23	32	31	41	17 <sup>b</sup>	<b>343</b>
<b>National Publications</b>	43						<b>43</b>
<b>Edited books</b>						1	
<b>Chapter books</b>	10	1		1			<b>12</b>
<b>Patents</b>	2						<b>2</b>
<b>Invited Conferences</b>	9	1		1	1		<b>12</b>
<b>Oral Communications</b>	103	9	5	11	1		<b>129</b>
<b>Poster Communications</b>	190	9	5	7			<b>211</b>

<sup>a</sup>including 1 invited paper; <sup>b</sup>including 15 papers in press

## Patents

1. A. Couvert, S. Guiheneuf, L. Paquin, P.-F. Biard, **A. Amrane**, S. A. Rodriguez-Castillo. *Utilisation de liquides ioniques pour le traitement de composés organiques volatils*. French patent n° 14/56487, July 2014.
2. D. Floner, R. Abdallah, F. Geneste, H. Djelal, F. Fourcade, **A. Amrane**. *Réacteur en flux dédié à la transformation d'une solution concentrée de nitrates en diazote par des réactions électrochimiques successives et contrôlées*. French patent n° 14/60828, November 2014.

## Edited book

1. Phuong Nguyen-Tri, Tuan Anh Nguyen, A.A. Assadi, **A. Amrane**, S. Rtimi (Editors). *Nanomaterials for Air Remediation*. In: *Micro & Nano Technologies Series*, Elsevier, 2019.

## Chapter books

1. A.E. Hamitouche, Z Bendjama, **A Amrane**, F Kaouah. *Biodegradation of o-Cresol by a Pseudomonas spp*. In: *Progress in Clean Energy*, Vol. 1. I Dincer, C. Ozgur Colpan, O. Kizilkan, M. Akif Ezan (Eds.). Springer International Publishing Switzerland. 713-724, 2015. DOI: 10.1007/978-3-319-16709-1\_52.
2. N. Khellaf, **A. Amrane**, H. Djelal. *Les plantes aquatiques au service du développement durable - Valorisation industrielle et environnementale*. Editions Universitaires Européennes. ISBN 978-3-8416-6292-7, 52 pages, août 2016.
3. M. Hamadache, **A. Amrane**, O. Benkortbi, S. Hanini, L. Khaouane, C. Si Moussa. *Environmental Toxicity of Pesticides, and Its Modeling by QSAR Approaches*. In: Roy K. (eds) *Advances in QSAR Modeling. Challenges and Advances in Computational Chemistry and Physics*, vol 24. Springer, Cham. 471-500, 2017. [https://doi.org/10.1007/978-3-319-56850-8\\_13](https://doi.org/10.1007/978-3-319-56850-8_13)

## International Publications

### 2015

1. L. Khenniche, L. Favier, A. Bouzaza, F. Fourcade, F. Aissani, **A. Amrane**. *Environ. Technol.* **36** (1), 1-10, 2015.
2. R. Abdallah, S. Taha, **A. Amrane**, H. Djelal, F. Fourcade, T. Labasque, F. Geneste, D. Floner. *Biochem. Eng. J.* **94**, 145-152, 2015.
3. M. Diz Castro, D. Gomez Diaz, **A. Amrane**, A. Couvert. *Environ. Technol.* **36** (4), 450-454, 2015.
4. A. Bouguettoucha, D. Chebli, T. Mekhalef, A. Noui, **A. Amrane**. *Desalination Water Treat.* **55**, 1956-1965, 2015.
5. D. Chebli, A. Bouguettoucha, T. Mekhalef, S. Nacef, **A. Amrane**. *Desalination Water Treat.* **54** (1), 245-254, 2015.
6. J.-M. Fontmorin, F. Fourcade, F. Geneste, I. Soutrel, D. Floner, **A. Amrane**. *Comptes rendus Chimie (Académie des sciences, Paris)* **18**, 32-38, 2015.
7. D. Mansour, F. Fourcade, I. Soutrel, D. Hauchard, N. Bellakhal, **A. Amrane**. *Comptes rendus Chimie (Académie des sciences, Paris)* **18**, 39-44, 2015.
8. M. Dendeni, N. Cimetiere, I. Soutrel, J.-P. Guegan, **A. Amrane**, N. Ben Hamida. *Austr. J. Chem.* **68** (5), 783-792, 2015.
9. M. Kebir, M. Trari, R. Maachi, N. Nasrallah, **A Amrane**. *Desalination Water Treat.* **54** (10), 2806-2816, 2015.
10. C. Popa Ungureanu, L. Favier, G. Bahrim, **A. Amrane**. *New Biotechnol.* **32** (3), 347-357, 2015.
11. I. Yahiaoui, F. Aissani-Benissad, F. Fourcade, **A. Amrane**. *Environ. Technol.* **36** (14), 1837-1846, 2015.
12. D. Mansour, F. Fourcade, D. Hauchard, N. Bellakhal, **A. Amrane**. *J. Taiwan Inst. Chem. Eng.* **53**, 58-67, 2015.
13. F. Delaunay, A.-S. Rodriguez-Castillo, A. Couvert, **A. Amrane**, P.-F. Biard, A. Szymczyk, P. Malfreyt, A. Ghoufi. *J. Phys. Chem. C* **119** (18), 9966-9972, 2015.
14. I. Béchohra, A. Couvert, **A. Amrane**. *Int. Biodeterior. Biodegr.* **104**, 350-355, 2015.
15. M. Kebir, M. Trari, R. Maachi, N. Nasrallah, B. Bellal, **A Amrane**. *J. Environ. Chem. Eng.* **3**, 548-559, 2015.
16. N. Tandjaoui, A. Tassist, M. Abouseoud, A. Couvert, **A. Amrane**. *Biocatal. Agric. Biotechnol.* **4** (2), 208-213, 2015.
17. F. Gherairi, B. Hamdi-Aissa, Y. Touil, M. Hadj-Mahammed, H. Messrouk, **A. Amrane**. *Energy Procedia* **74**, 799-806, 2015.
18. S. Chniti, M. Jemni, Z. Ben Rejeb, H. Chaabane, M. Hassouna, **A. Amrane**, H. Djelal. *Int. J. Agric. Innovations Res.* **4** (3) (2319-1473), 530-535, 2015.
19. K. Khengaoui, M. Hadj Mahammed, Y. Touil, **A. Amrane**. *Energy Procedia* **74**, 398-403, 2015.
20. D. Belkheiri, F. Fourcade, F. Geneste, D. Floner, H. Aït-Amar, **A. Amrane**. *Int. Biodeter. Biodegrad.* **103**, 147-153, 2015.
21. M. Abouseoud, A. Ahmedi, **A. Amrane**, A. Couvert. *Enzyme Research*. Article ID **575618**, 1-9, 2015 [doi.org/10.1155/2015/575618](https://doi.org/10.1155/2015/575618).
22. M. Ghanbari Ghozikali, A. Borgini, A. Tittarelli, **A. Amrane**, K. Naddafi, M. Mohammadyan, G. Goudarzi, R. Bono, B. Heibati. *Fresenius Environ. Bull.* **24** (11c), 4142-4148, 2015.
23. A. Boukhalkhal, O. Benkortbi, M. Hamadache, S. Hanini, **A. Amrane**. *Water Air Soil Pollut.* **226**:323, 1-12, 2015.

24. M. Hamadache, O. Benkortbi, S. Hanini, **A. Amrane**, L. Khaouane, C. Si Moussa. *J. Hazard. Mater.* **303**, 28–40, 2016.
25. E. Dumont, A. Couvert, A. Amrane, C. Couriol, G. Darracq, P. Le Cloirec. *Chem. Eng. J.* **287**, 205–216, 2016.
26. S. Ben Hammouda, F. Fourcade, A. Assadi, I. Soutrel, N. adhoum, L. Monser, A. Amrane. *Appl. Catal. B-Environ.* **182**, 47–58, 2016.
27. I. Yahiaoui, F. Aissani-Benissad, F. Fourcade, **A. Amrane**. *Desalination Water Treat.* **57** (26), 12316-12323, 2016.
28. M. Ben Jaber, A. Couvert, **A. Amrane**, F. Rouxel, P. Le Cloirec, E. Dumont. *New Biotechnol.* **33** (1), 136-143, 2016.
29. C. Annabi, F. Fourcade, I. Soutrel, F. Geneste, D. Floner, N. Bellakhal, **A. Amrane**. *J. Environ. Manage.* **165**, 96-105, 2016.
30. H. Iboukhoulef, **A. Amrane**, H. Kadi. *Desalination Water Treat.* **57** (4), 1874-1879, 2016.
31. A. Hamitouche, Z. Bendjama, **A. Amrane**, F. Kaouah. *Desalination Water Treat.* **57** (7), 3059-3064, 2016.
32. A. Reffas, A. Bouguettoucha, D. Chebli, C. Taourirt, **A. Amrane**. *Desalination Water Treat.* **57** (21), 9859-9870, 2016.
33. S. Guiheneuf, A.S. Rodriguez Castillo, P.-F. Biard, A. Couvert, **A. Amrane**, L. Paquin. *J. Hazard. Mater.* **307**, 221-230, 2016.
34. M. G. Ghozikali, A. Borgini, A. Tittarelli, A. Amrane, M. Mohammadyan, B. Heibati, K. Yetilmezsoy. *Global NEST Journal* **18**, 708-720, 2016.
35. Mahsa Sedighi, Seyed-Omid Ranaei-Siadat, Hasan jalili, **A. Amrane**. *Appl. Food. Biotechnol.* **3** (3), 160-169, 2016.
36. N. Tandjaoui, M. Abouseoud, A. Couvert, **A. Amrane**, A. Tassist. *Chemosphere* **148**, 55-60, 2016.
37. Dj. Djedouani, M. Chabani, **A. Amrane**, A. Bensmaili. *Desalination Water Treat.* **57** (30), 14304-14314, 2016.
38. M. Guillerm, A. Couvert, **A. Amrane**, E. Dumont, E. Norrant, N. Lesage. *Chem. Eng. Res. Des.* **109**, 32-40, 2016.
39. Dj. Djedouani, M. Chabani, **A. Amrane**, A. Bensmaili. *Desalination Water Treat.* **57** (30), 14304-14314, 2016.
40. Z. Derradji, B. Djeghri-Hocine, **A. Amrane**, H. Melouka, R. Djabbar, M. Boukhemis. *Adv. Environ. Biol.* **10** (1), 214-220, 2016.
41. M. Guillerm, A. Couvert, **A. Amrane**, E. Dumont, E. Norrant, N. Lesage. *Chem. Eng. Res. Des.* **109**, 32-40, 2016.
42. I. Saidi, I. Soutrel, F. Fourcade, **A. Amrane**, N. Bellakhal, F. Geneste. *Electrochem. Acta* **191**, 821-831, 2016.
43. M. Hamadache, S. Hanini, O. Benkortbi, , **A. Amrane**, L. Khaouane, C. Si Moussa. *Chemometr. Intell. Lab. Syst.* **154**, 7-15, 2016.
44. R. Abdallah, H. Djelal, **A. Amrane**, S. Taha, F. Fourcade, T. Labasque, F. Geneste, D. Floner. *Int. J. Hydrogen Energy* **41** (12), 5445-5455, 2016.
45. D. Mansour, N. Nasrallah, D. Djenane, **A. Amrane**, R. Maachi. *Int. J. Environ. Sci. Technol.* **13** (10), 2427-2436, 2016.
46. H. Zeghioud, N. Khellaf, H. Djelal, **A. Amrane**, M. Bouhelassa. *Chem. Eng. Commun.* **203**, 1415–1431, 2016.
47. M. Ben Jaber, E. Dumont, A. Couvert, **A. Amrane**, F. Rouxel, P. Le Cloirec. *Biochem. Eng. J.* **112**, 153-160, 2016.
48. D. Chebli, A. Bouguettoucha, A. Reffas, C. Tiar, M. Boutahala, H. Gulyas, **A. Amrane**. *Desalination Water Treat.* **57** (46), 22061-22073, 2016.
49. A. Bouguettoucha, A. Reffas, D. Chebli, T., Mekhalif, **A. Amrane**. *Desalination Water Treat.* **57** (50), 24056-24069, 2016.
50. M. Mouelhi, S. Giraudet, **A. Amrane**, B. Hamrouni. *Environ. Technol.* **37** (18), 2326-2336, 2016.
51. Wenyan He, J.-M. Fontmorin, P. Hapiot, I. Soutrel, D. Floner, F. Fourcade, **A. Amrane**, F. Geneste. *Electrochim. Acta* **207**, 313-320, 2016.
52. A. Boukhelkhal, O. Benkortbi, M. Hamadache, N. Ghalem, S. Hanini, **A. Amrane**. *Desalination Water Treat.* **57** (56), 27035-27047, 2016.
53. S. Agarwal, I. Tyagi, V. Kumar Gupta, M.H. Dehghani, A. Bagheri, K. Yetilmezsoy, **A. Amrane**, B. Heibati, S. Rodriguez-Couto. *J. Mol. Liq.* **221**, 1237-1242, 2016.
54. M. Bennemla, M. Chabani, **A. Amrane**. *Int. J. Chem. Kinet.* **48** (8), 464-473, 2016.

## 2017

55. T. Mekhalif, K. Guediri, D. Chebli, A. Reffas, A. Bouguettoucha, **A. Amrane**. *J. Dispersion Sci. Technol.* **38** (4), 463-471, 2017.
56. Thi-vi-na Nguyen, A.S. Rodriguez Castillo, S. Guihéneuf, P.-F. Biard, L. Paquin, **A. Amrane**, A. Couvert. *Int. Biodeterior. Biodegrad.* **117**, 31-38, 2017.
57. S. Bensaadi, N. Nasrallah, **A. Amrane**, M. Trari, H. Kerdjoudj, O. Arous, M. Amara. *J. Environ. Chem. Eng.* **5** (1), 1037-1047, 2017.
58. D. Peźiak-Kowalska, F. Fourcade, **A. Amrane**, G. Lota, Ł. Chrzanowski, J. Pernak. *Environ. Technol.* **38** (9), 1093-1099, 2017.
59. H. Atout, A. Bouguettoucha, D. Chebli, J.M. Gatica, H. Vidal, M. Pilae Yeste, **A. Amrane**. *Arabian J. Sci. Eng.* **42** (4), 1475-1486, 2017.

60. Y. Omid Khaniabadi, **A. Amrane**, S. M. Daryanoosh, G. Goudarzi, H. Nourmoradi, H. Armin. *Atmospheric Pollut. Res.* 8 (4), 606-613, 2017.
61. H. Djelal, S. Chniti, M. Jemni, H. Chaabene, M. Hassouna, A. weill, **A. Amrane**. *Environ. Sci. Pollut. Res.* 24 (11), 9886-9894, 2017.
62. H. Djelal, C. Cornée, R. Tartivel, **A. Amrane**, O. Lavastre. *Arabian J. Chem.* 10, S1619-S1628, 2017.
63. M.J. Mohammadi, Y. Omid Khaniabadi, H. Basiri, **A. Amrane**, H. Nourmoradi, M. Momtazan, S. Sadeghi, E. Charkhloo, F. Gholami-Borujeni, S. Jorfi, A. Takdastan, A.R. Yari, D. Olfati, M. Shegerd, F. Keishams.. *Fresenius Environmental Bulletin* 26 (6), 4088-4096, 2017.
64. M. Ben Jaber, A. Couvert, **A. Amrane**, P. Le Cloirec, E. Dumont. *J. Environ. Chem. Eng.* 5 (6), 5617-5623, 2017.
65. R. Khosravi, E. Akbari, **A. Amrane**, M. Sayyad-Arbabi, M. Miri, S.J. Jafari, E. Hosseinzadeh, M. Zarrabi, S.M. Ghasemi, M. Taghavi. *Environ. Monit. Assess.* 189, 583 (1-10), 2017.
66. Hasti Daraei, **A. Amrane**, Hossein Kamali.. *Iranian J. Chem. Chem. Eng.* 36 (3), 137-146, 2017.
67. S. Chniti, M. Jemni, I. Bentahar, M.A. Shariati, Y. Kadmi, H. Djelal, **A. Amrane**, M. Hassouna, H. Elmsellem. *J. Microbiol. Biotechnol. Food Sci.* 7 (2), 199-203, 2017.
68. A. Bouguettoucha, A. Reffas, D. Chebli, **A. Amrane**. *Int. J. Chem. Chem Eng.* 36 (1), 87-96, 2017.
69. Wenyan He, J.-M. Fontmorin, I. Soutrel, D. Floner, F. Fourcade, **A. Amrane**, F. Geneste. *J. Mol. Catal. A- Chem.* 432, 8-14, 2017.
70. S. Chniti, M. Jemni, I. Bentahar, M.A. Shariati, H. Djelal, **A. Amrane**, M. Hassouna. *J. Microbiol. Biotechnol. Food Sci.* 7 (2), 204-208, 2017.
71. A. Aziz, **A. Amrane**, M. Abouseoud. *Nature Environ. Pollut. Technol.* 16 (1), 321-330, 2017.
72. M. Ben Jaber, E. Dumont, A. Couvert, **A. Amrane**, P. Le Cloirec, F. Rouxel. *Chem. Eng. J.* 319, 268-278, 2017.
73. A. Ledjeri, I. Yahiaoui, H. Kadji, F. Aissani-Benissad, **A. Amrane**, Florence Fourcade. *Environ. Toxicol. Pharmacol.* 53, 34-39, 2017.
74. M. Zaghdoudi, F. Fourcade, I. Soutrel, D. Floner, **A. Amrane**, H. Maghroui-Meherzi, F. Geneste. *J. Hazard. Mater.* 335, 10-17, 2017.
75. M. Guillerme, A. Couvert, **A. Amrane**, E. Norrant, A. Breton, É. Dumont. *Chinese J. Chem. Eng.* 25, 1512-1518, 2017.
76. H. Zeghioud, N. Khellaf, **A. Amrane**, H. Djelal, S. Rtimi, A.A. Assadi. *J. Photochem. Photobio. A: Chem.* 346, 493-501, 2017.
77. I. Saidi, F. Fourcade, D. Floner, I. Soutrel, N. Bellakhal, **A. Amrane**, F. Geneste. *Environ. Technol.* 38 (21), 2684-2690, 2017.
78. O. Benkortbi, M. Harouna Bassirou, M. Hamadache, S. Hanini, **A. Amrane**. *Desalination Water Treat.* 74, 71-86, 2017.
79. L. Mouhi, H. Moghrani, M. Medjkane, Y. Nait Bachir, N. Nasrallah, **A. Amrane**, R. Maachi.. *J. Food Biochem.* 41 (e12359), 1-9, 2017. <https://doi.org/10.1111/jfbc.12359>.
80. Y. Omid Khaniabadi, H. Basiri, M. Jourvand, H. Nourmoradi, A. Jafari, B. Kamarehie, **A. Amrane**. *Int. J. Chem. Reactor Eng.* 16 (1), 1-11, 2017. DOI: 10.1515/ijcre-2016-0203
81. R. Khosravi, E. Akbari, **A. Amrane**, M. Sayyad-Arbabi, M. Miri, S.J. Jafari, E. Hosseinzadeh, M. Zarrabi, S.M. Ghasemi, M. Taghavi. *Environ. Monit. Assess.* 189, 583 (1-10), 2017.
82. M. Farhadi, P. Sicard, A. De Marco, M. Khoshgoftar, A.M. Taiwo, M. Javad Mohammadi, S. Sadeghi, S. Esmaeili, **A. Amrane**, B. Kamarehie, Y. Omid Khaniabadi. *Fresenius Environmental Bulletin.* 26 (12A), 8345-8552, 2017.
83. N. Khellaf, H. Djelal, **A. Amrane**, A. Cabrol. *J. Chem. Health Risks* 7 (4), 247-258, 2017.
84. L. Boukemara, C. Boukhalifa, S. Azzouz, L. Reinert, L. Duclaux, **A. Amrane**, A. Szymczyk. *Int. J. Sediment Res.* 32 (4), 481-486, 2017.
85. M. Hamadache, O. Benkortbi, S. Hanini, **A. Amrane**. *Energy Procedia* 139, 37-42, 2017.
86. A. Abou Dalle, L. Domergue, F. Fourcade, A.A. Assadi, H. Djelal, T. Lendormi, I. Soutrel, S. Taha, **A. Amrane**. *Electrochimica Acta* 246, 1-8, 2017.

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87. W. Sayed, H. Djelal, A. Cabrol, R. Abdallah, S. Taha, **A. Amrane**. *Renewable Energ. J.* 124, 3-10, 2018.
88. M. Hamadache, **A. Amrane**, S Hanini, O. Benkortbi.. *International Journal of Quantitative Structure-Property Relationships* 3 (1), 100-118, 2018.
89. A.S. Rodriguez Castillo, S. Guihéneuf, P.-F. Biard, L. Paquin, **A. Amrane**, A. Couvert. *Int. J. Environ. Sci. Technol.* 15 (3), 621-630, 2018.
90. A.S. Rodriguez Castillo, S. Guihéneuf, P.-F. Biard, L. Paquin, **A. Amrane**, A. Couvert. *J. Chem. Technol. Biotechnol.* 93 (1), 215-223, 2018.
91. N. Bouakaz, Z. Bendjama, A.-E. Hamitouche, **A. Amrane**. *Arab. J. Sci. Eng.* 43 (11), 5723-5731, 2018.
92. R. Yous, F. Mohellebi, **A. Amrane**, H. Cherifi. *Korean J. Chem. Eng.* 35(4), 890-899, 2018.
93. I. Yahiaoui, L. Yahia Cherif, K. Madi, F. Aissani-Benissad, F. Fourcade, **A. Amrane**. *Sep. Sci. Technol.* 53 (2), 337-348, 2018.

94. Yaoyin Lou, Wenyan He, E. Verlato, I. Soutrel, D. Floner, F. Fourcade, **A. Amrane**, Marco Musiani, F. Geneste. *J. Chem. Technol. Biotechnol.* 93 (6), 1572-1578, 2018.
95. M. Hamadache, O Benkortbi, S. Hanini, **A. Amrane**. *Environ. Sci. Pollut. Res.* 25 (1) 896–907, 2018.
96. A. Almasi, A. Dargahi, **A. Amrane**, M. Fazlzadeh, A. Soltanian, A. Hashemian. *Environ. Eng. Manag. J.* 17 (6), 1475-1482, 2018.
97. H. Iboukhoulef, **A. Amrane**, H. Kadi. *Environ. Eng. Manag. J.* 17 (5), 1267-1274, 2018.
98. A. Bouguettoucha, F. Agueniou, D. Chebli, A. Reffas, Y. Benguerba, L. Favier, **A. Amrane**. *Arabian J. Sci. Eng.* 43 (5), 2451-2463, 2018
99. S. Rezgui, **A. Amrane**, F. Fourcade, A. Assadi, L. Monser, N. Adhoum. *Appl. Catal. B-Environ.* 226, 346-359, 2018.
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