

CURRICULUM VITAE



Citizenship: Moroccan
Born in Angad (Oujda) Morocco

Work Address: Euromed University of Fes, 30070 Fes, Morocco
& Department of Chemistry, Faculty of Science, University Mohammed Premier, B.P. 717, 60046 Oujda Morocco

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Historic Visit of His Majesty the King Mohammed VI to UMP, near Elsevier/Scopus Award, July 2, 2011



His Majesty the King Mohammed VI awarded Royal Wissam to Prof. Hammouti, July 30, 2015, Throne Day

https://www.youtube.com/watch?v=-smhJp9CYXM&ab_channel=BelkheirHammouti

EVIDENCE OF EMPACT

2010 to Present	Editor of Journal of Materials and Environmental Science (ISSN: 2028-2508) ; www.jmaterenvironsci.com
2013 to Present	Editor of Moroccan Journal of Chemistry (ISSN: 2351-812X) http://revues.imist.ma/?journal=morjchem&page=index
2014 to Present	Editor of Arabian Journal of Chemical & Environmental Research (ISSN: 2458-6544) http://www.mocedes.org/ajcer
2015 to Present	Editor of Maghrebian Journal of Pure & Applied Science (ISSN: 2351-715X) http://revues.imist.ma/?journal=mjpas&page=index
2016 to Present	Editor of Applied Journal of Environmental Engineering Science , http://revues.imist.ma/?journal=AJEES&page=index
2018 to Present	Editor of Journal of Water Science & Environment Technologies (ISSN: 2351-715X) http://revues.imist.ma/?journal=JOWSET
2021 to Present	Editor of Journal of Applied Science and Environmental Studies (ISSN: 2605-7565) http://revues.imist.ma/index.php?journal=jases
2023 to Present	Editor of EHEI Journal of Science and Technology (ISSN: 2820-7769) https://revues.imist.ma/index.php/ehei-jst/index/
2023 to Present	Editor of African Journal of Management Engineering and Technology (ISSN: xxx-xxx) https://revues.imist.ma/index.php/ajmet

INTERNATIONAL AWARDS

March, 2006

Award of Elsevier as the most published author in Morocco since 2000

April, 2013

الجائزة العربية للكيمياء - Arab Award in Chemistry 2013.

July 2015

Decorated by the King of Morocco (Wissam)

2019, 2021

Award of Clarivate-Web of Science as Editor of Moroccan Journal of Chemistry

UEMF
 الجامعة الأوروبية من فاس
 EUROMED UNIVERSITY OF FES
 UNIVERSITÉ EUROMED DE FÈS
 2023-


 جامعة محمد الأول بوجدة
 UNIVERSITÉ MOHAMMED PREMIER OUJDA
 1991-2023




 جامعة محمد الخامس بالرباط
 Université Mohammed V de Rabat
 1978-1991


 MOCEDES
CEMADES
 المركز المغربي للتربية والعلوم
 CENTRE MAROCAIN DU DÉVELOPPEMENT ET DES SCIENCES




 الجائزة العربية للكيمياء
"Arab Award in Chemistry"
 فيور اتحاد الكيميائيين العرب
 الأستاذ الدكتور/ ياسين محمد بالقاسم حموني
 أستاذ الكيمياء بجامعة محمد الأول بالتمنكة المغربية
 الجائزة العربية للكيمياء للعام 1171 هـ الموافق 2013م
 الأمين العام لاتحاد الكيميائيين العرب
 ا.د. ياسين محمد بالقاسم حموني



EDUCATION

The itinerary to Full Professor:

Primary School : Ecole Ibn Toumarte-Angad 1964-67, Ecole Ibn Baja 1967-70 ; Collège Pasteur 1970-75, Lycée Omar Ben Abdelaziz, Oujda 1975-78 ;

Faculté des Sciences Rabat 1978-81 ; Ecole Normale Supérieure Takaddoum Rabat 1981-91

University Mohamed V in Rabat

Faculté des Sciences University Mohammed Premier Oujda 1991- 17July 2023

Euromed University of Fes, UEMF, Morocco July/Sept 2023-ongoing

1978-83: BSci, University Mohammed V, Rabat, Morocco

1983-85: Master Sci, University Mohammed V, Rabat, Morocco

1989 : 3rd Cycle Thesis, University Mohammed V, ENS, Rabat, Acidity Sensors

1994 : PhD, University Mohammed Premier, Faculty of Science, Oujda, Corrosion,
 Mention : Very honourable with congratulations of the Jury

Visited Countries: France; Spain; USA; Saudi; Kuwait; Tunisia; Emirates; Belgium; Malaysia, Turkey, Jordan

Collaboration: Algeria; Belgium, Canada, China, Egypt; Emirates; France; Germany; Japan; Jordan, India; Indonesia; Palestine; Poland, Qatar; Nigeria, Lebanon; Saudi Arabia; Singapore; South Africa, South Korea, Spain; Tunisia; Turkey; Russia, USA;

LIST OF PUBLICATIONS

2024	2023	2022	2021	2020	2019-2016	2015-2012	2011-2006	2005-1995	Total
47	47	33	26	24	153	344	125	96	897

H INDEX = 86 (SINCE SEPT 2024 ON SCOPUS, 28071 CITATIONS,
AUTHOR ID: **7004604370** <https://www.scopus.com/authid/detail.uri?authorId=7004604370>
and <http://orcid.org/0000-0001-8581-5636>)

H INDEX = 102 & I₁₀ = 619 (SINCE SEPT 2024 ON SCOLAR GOOGLE, 35858 CITATIONS)
<https://scholar.google.fr/citations?user=pRZxYrQAAAAJ&hl=en&oi=sra>
https://www.adscientificindex.com/country-ranking/?country_code=ma

Among the the top 2% world's most influential scientists according to Stanford University: 2020; 2021; 2022, 2023 & 2024

BOOKS

Books (8):

DFT and Quantum Chemical Studies for Heterocyclic Compounds Used as Corrosion Organic Inhibitors (2012) A. Zarrouk, B. Hammouti & R. Touzani, LAP Lambert Ac. Publishing Ed. ISBN 978-3-659-21601-5, Chaps 1-5, pages 89.

<https://www.lap-publishing.com/catalog/details/store/ru/book/978-3-659-21601-5/dft-and-quantum-chemical-studies-for-heterocyclic-compounds>

Electrochemical Treatment of Aqueous Wastes Agricole, Published by LAP LAMBERT, Academic, (2013), ISBN:978-3-659-38037-2. Salghi R., Errami M., Hammouti B. <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-38037-2/electrochemical-treatment-of-aqueous-wastes-agricole>

Molecular modelling Quantum Chemical Studies and Corrosion Inhibitors - Synthesis and Use of New Heterocyclic and polymers for the Protection of Steel in Acid Medium, A. Chetouani & B. Hammouti, ISBN: 978-3-659-39805-6, Lambert Academic Publishing, (2013) pp. 1-167 : <https://www.lap-publishing.com/system/covergenerator/build/84870>

Plant extract: An efficient Inhibitor of Steel Corrosion, Salghi Rachid, Dris Ben Hmamou, Belkheir Hammouti, Published by LAP LAMBERT, Academic, ISBN: 978-3-659-41003-1 (2013), pp.1-71 <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-41003-1/plant-extract-an-efficient-inhibitor-of-steel-corrosion>

Antioxidant & Inhibitor Corrosion of *Ptychotis verticillata* Essential oils and solvent extracts of *Ptychotis verticillata* from Morocco; Edited by: Abdelhamid Bouyanzer, Belkheir Hammouti, El Mokhtar El Ouariachi; LAP LAMBERT Academic Publishing, Languge: Anglais; ISBN-10: 3659699772; ISBN-13: 978-3659699771, (2015)

Antioxidant & Inhibitor Corrosion of *Ptychotis verticillata* by Bouyanzer A., E.M. El Ouariachi, Hammouti B., Published by LAP LAMBERT, Academic, ISBN: 978-3-659-69977-1 (2015), <https://www.morebooks.de/store/gb/book/antioxidant-inhibitor-corrosion-of-ptychotis-verticillata/isbn/978-3-659-69977-1>

Corrosion Inhibition of steel by quinoxalines, F. El-Hajjaji, B. Hammouti, Y Karzazi, ISBN: 978-3-659-52951-1, Lambert Academic Publishing, (2016) pp.1-130 www.morebooks.de/store/fr/book/corrosion-inhibition-of-steel-by-quinoxalines/isbn/978-3-659-52951-1

Chetouani A., Hammouti B., Salghi R., Physical-Chemical Study Generated Air pollution and Treated WasteWater, ISBN: 978-3-330-86794-9, Edit Univ. Europ. (2017)

Elmsellem H., Steli H., & Hammouti B. (2024) Towards a Pedagogical Revolution: Intergrating AI in Higher education, ISBN: 978-620-7-46923-9(1), LAP LAMBERT Academic Publishing, UK

Book Chapter:

R. Salghi, M. Errami, B. Hammouti and L. Bazzi (2011). Electrochemical Detoxification of Obsolete Pesticides Stocks, Pesticides in the Modern World - Trends in Pesticides Analysis, Margarita Stoytcheva (Ed.), ISBN: 978-953-307-437-5, InTech, Available from: <http://www.intechopen.com/articles/show/title/electrochemical-detoxification-of-obsolete-pesticides-stocks>

Corrosion Inhibitors for the Preservation of Carbon Steel in Hydrochloric Acid Medium ByH. Zarrok, A. Zarrouk, F. Bentiss, B. Hammouti, H. Oudda Book Corrosion Science Edition 1st Edition First Published 2022 Imprint Apple Academic Press Pages 33 eBook ISBN 9781003328513

Eco-Friendly Inhibition Corrosion of Steel in Acidic Solution Using the Oils and Plants Extracts, M. Belkhaouda, R. Salghi, A. Anejjar, H. Lgaz, and B. Hammouti, Book Corrosion Science Edition 1st Edition First Published (2022) Imprint Apple Academic Press Pages 33 eBook ISBN 9781003328513

LIST OF PUBLICATIONS

- 1) Hammouti B., Aouniti A., Taleb M., Brighli M., Kertit S., L-Methionine methyl ester hydrochlorid as corrosion inhibitor of iron in 1M HCl, **Corrosion**, 51 N°6 (1995) 411-416.
- 2) Bgugaine: a natural pyrrolidine alkaloid product as corrosion inhibitor of iron in HCl medium, B. Hammouti, S. Kertit, A. Melhaoui, **Bull. Electrochem.** 11 N°12 (1995) 553-555.
- 3) Electrochemical behaviour of parachloranil in carbon paste electrode in concentrated phosphoric acid media, B. Hammouti, J. **Electrochem. Soc. India** 45 N°3 (1996) 164-166.
- 4) 1-Phenyl-5-Mercapto-1,2,3,4-Tetrazole as corrosion inhibitor of iron in 1M HCl, S. Kertit, B. Hammouti. **Appl. Surf. Sci.** 93 N°1 (1996) 59-66.
- 5) Inhibition of the acid corrosion of iron with new pyrazole derivatives, A. Aouniti, B. Hammouti, M. Brighli, S. Kertit, F. Berhili, S. El Kadiri, A. Ramdani, **J. Chim. Phys.** 93 N°7-8 (1996) 1262-1280.
- 6) Some aminoacids as non-toxic inhibitors for the corrosion of aluminium alloy 6063 in deaerated carbonate solution, R. Salghi, B. Hammouti, S. Kertit, **Bull. Electrochem.** 13 N°10-11 (1997) 399-404.

- 7) Peptidic compounds as corrosion inhibitors of iron in acid chloride solution, S. Kertit, **B. Hammouti**, M. Taleb, M. Brighli. **Bull. Electrochem.** 13 N°6 (1997) 241-244.
- 8) Some aminoacids and aminoesters as non-toxic inhibitors for the corrosion of iron in 0.5M H₂SO₄, D. Bouzidi, S. Kertit, **B. Hammouti**, M. Brighli, **J. Electrochem. Soc. India** 46 N°1 (1997) 23-30.
- 9) In situ determination of acidity level in concentrated phosphoric acid solutions by potentiometric method at imposed current intensity, **B. Hammouti**, H. Oudda, A. Benayada, A. ElMaslout, J. Bessière, **Ber. Bunsenges. Phys. Chem.**101 (1997) 65-69
- 10) Electrochemical behaviour of bgugaine as corrosion inhibitor of iron in HCl medium, **B. Hammouti**, A. Melhaoui, S. Kertit, **Bull. Electrochem.** 13 N°3 (1997) 97-98.
- 11) Realisation of ferrocene reference electrode Part.I: In concentrated H₃PO₄ media, **B. Hammouti**, A. Benayada, A. ElMaslout, **Bull. Electrochem.** 13 N°12 (1997) 466-469.
- 12) New triazole derivatives as corrosion inhibitors for a carbon steel in 2M H₃PO₄ solution, S. Kertit, K. Bekkouch, M. El Farissi, A. Aouniti, **B. Hammouti**. Proc. Int. Conf. on Corrosion, CONCORN'97, December 3-6, 97 Mumbai, India (1997) 672-678.
- 13) The inhibitive effect of some pyridines towards the corrosion of iron in hydrochloric acid solution, A. Aouniti, **B. Hammouti**, S. Kertit. **Bull. Electrochem.** 14N°6-7 (1998) 193-198.
- 14) 1-phenyl-5-mercapto-1,2,3,4-tetrazole: A novelcorrosion inhibitor of copper-zinc alloy which is very effective in low concentration, S. Kertit, H. Essouffi, **B. Hammouti**, M. Benkaddour, **J. Chim. Phys.** 95(9) (1998) 2072-2082
- 15) Corrosion of steel in isoacidic 5.5M H₃PO₄ solutions, **B. Hammouti**, K. Bekkouch, S. Kertit, **Bull. Electrochem.**14(2) (1998)49-51
- 16) Electrochemical behaviour of lead in 0.3M HCl presence of pyrazolic compounds, **B. Hammouti**, R. Salghi, S. Kertit, **J. Electrochem. Soc. India** 47 N°1 (1998) 31-34.
- 17) Inhibition de la corrosion d'un acier au carbone en milieu H₃PO₄ 2M par des composés organiques de type « tetrazole », S. Kertit, K. Bekkouch, **B. Hammouti**, **Revue de Métallurgie : (Paris)**. 95 N°2 (1998) 251-257.
- 18) A new bipyrazolic compound as corrosion Inhibitors for Armco iron in HCl media, F. Touhami, S. Kertit, **B. Hammouti**, A. Aouniti, **Ann. chim. Sci. Mat.**, 24 N°8 (1999) 581-586.
- 19) **Hammouti B.**, Oudda H., El Maslout A., Benayada A. (1999), A sensor for the in-situ determination of acidity level in concentrated sulfuric acid solutions by potentiometric method at imposed current intensity, **Fresenius'J. Analyt. Chem.** 365 N°4, 310-313
- 20) Corrosion inhibition of steelin 2M H₃PO₄ by triazine compounds, K. Bekkouch, A. Aouniti, **B. Hammouti**, S. Kertit, **J. Chim. Phys.** 96 (1999) 838-850
- 21) Abed Y., Arrar Z., Aouniti A., **Hammouti B.**, Kertit S., Mansri A. (1999) An electrochemical study of the action of poly(4-vinylpyridinepolyoxyethylene) as inhibitor for iron in sulfuric acid solution, **J. Chim. Phys.** 96 N°8, 1347-1355.
- 22) Salghi R., Bazzi L., **Hammouti B.**, Kertit S., Bouchart A., El Alami Z. (2000), Effect of the addition of inorganic compounds on the corrosion behaviour of the 3003-aluminum alloy in bicarbonate solution, **Ann. chim. Sci. Mat. (Paris,1914)** 25(8), 593-600
- 23) R. Salghi, **B. Hammouti**, A. Aouniti, M. Berrabah, S. Kertit, Aminoacid compounds as corrosion inhibitors for lead in 0.3M HCl solution, **J. Electrochem. Soc. India** 49 N°1 (2000) 40-42
- 24) Abed Y., **Hammouti B.** (2000), Corrosion of steel in concentrated H₂SO₄ solutions, **Bull. Electrochem.** 16 N°7, 296-298.
- 25) Realisation of ferrocene reference electrode Part.II: In concentrated HCl and H₂SO₄ media, **B. Hammouti**, A. Benayada, A. El Maslout, **Bull. Electrochem.** 16 N°6 (2000) 283-284.
- 26) Electrochemical behaviour of aluminium alloy 6063 in deareated carbonate solution in presence of pyrazolic compounds, R. Salghi, L. Bazzi, **B. Hammouti** S. Kertit, **Bull. Electrochem.** 16 N°6 (2000) 272-276.
- 27) New pyrazolic compounds as corrosion Inhibitors for iron Armco in HCl media, F. Touhami, A. Aouniti, Y. Abed, **B. Hammouti**, S. Kertit, A. Ramdani, **Bull. Electrochem.** 16 N°6 (2000) 245-249.
- 28) Corrosion Inhibition of Armco iron in HCl media by new bipyrazolic derivatives, F. Touhami, A. Aouniti, Y. Abed, **B. Hammouti**, S. Kertit, A. Ramdani, K. Elkacemi, **Corros. Sci.** 42 N°6 (2000) 929-940.
- 29)1-Phenyl-5-mercapto-1,2,3,4-tetrazole (PMT) as corrosion inhibitor for nickel in sulphuric acid solution, H. Essouffi, S. Kertit, **B. Hammouti**, M. Benkaddour, **Bull. Electrochem.** 16 N°5 (2000) 205-208.
- 30) Electrochemical behaviour of aluminum alloy 3003 in carbonate solution in the presence of pyrazolic compounds, R. Salghi, L. Bazzi, **B. Hammouti**, A. Bouchart, S. Kertit, Z.A. Ait Addi, Z. EL Alami, **Ann. chim. Sci. Mat.**, 25 N°3 (2000) 187-200.
- 31) 2-mercapto-1-methylimidazole as corrosion Inhibitor of copper in aerated 3% NaCl solution, A. Dafali, **B. Hammouti**, A. Aouniti, R. Mokhlisse, S. Kertit, K. Elkacemi, **Ann. chim. Sci. Mat.**, 25 N°3 (2000) 437-446.
- 32) Simulation of I-E curves of antimony in concentrated H₃PO₄ solutions, M. Zerfaoui, M. Benkaddour, H. Oudda, **B. Hammouti**, **Ann. Chim. Sci. Mat.** 25 N°3 (2001) 85-92.
- 33) Effect of acidity level Ro(H) on the corrosion of steel in concentrated HCl solutions, M. Elouafi, Y. Abed, **B. Hammouti**, S. Kertit, **Ann. chim. Sci. Mat.**, 26 N°5 (2001) 79-84.
- 34) Corrosion inhibitors for lead in 0.3M HCl media by bipyrazolic compounds, R. Salghi, L. Bazzi, **B. Hammouti**, E. Zine, S. Kertit, S. El Issami, E. Ait Eddi, **Bull. Electrochem.** 17 N°9 (2001) 429-432.
- 35) Corrosion inhibition of three Fe-B based amorphous alloys in sulphuric acid medium by mercaptopheny-tetrazole, F. Chaouket **B. Hammouti**, S. Kertit, K. El Kacemi, **Bull. Electrochem.** 17 N°7 (2001) 311-320.
- 36) A sensor for the in-situ control of acidity level in concentrated hydrochloric acid solutions, **B. Hammouti**, H. Oudda, A. El Maslout, A. Benayada, **Abhath Al-yarmouk: "Basic Sci. & Eng."** 10 N°2A (2001) 273-279.
- 37) Realisation of ferrocene reference electrode Part.III: In concentrated perchloric acid media, **B. Hammouti**, **Bull. Electrochem.** 17 N°7 (2001) 335-336.
- 38) Poly(4-vinylpyridine) as corrosion inhibitors for iron in sulfuric acid solution, Y. Abed, **B. Hammouti**, S. Kertit, K. El Kacemi, A. Mansri **Bull. Electrochem.** 17 N°3 (2001) 105-110.
- 39) Imidazole derivatives as corrosion Inhibitors of copper in aerated 3% NaCl solutions, A. Dafali, **B. Hammouti**, S. Kertit, **J. Electrochem. Soc. Ind.** 50 N°2 (2001) 62-67.
- 40) Poly(4-vinylpyridine) derivative as corrosion inhibitors for Cu60-Zn40 in 0.5M HNO₃, Y. Abed, A. Arrar, **B. Hammouti**, S. Kertit, M. Taleb, K. el Kacemi, A. Mansri, **Anti-Corros. Meth. Mater.** 48 N°5 (2001) 304-309.
- 41) Tryptophane as corrosion Inhibitor for iron Armco in acid chloride solution, A. Aouniti, **B. Hammouti**, Y. Abed, S. Kertit, **Bull. Electrochem.** 17 N°1 (2001) 13-17.
- 42) Electrochemical polymerisation of benzothiophene, S. Elayyoubi, E.B. Maarouf, H. Oudda, **B. Hammouti**, **Bull. Electrochem.**18 N°1 (2002) 45-46.

- 43) A new class of corrosion inhibitors of mild steel in hydrochloric acid solutions, S. Elayyoubi, **B. Hammouti**, H. Oudda, M. Zerfaoui, S. Kertit, A. Bouyanzer, **Trans. SAEST**. 37 N°1 (2002) 29-33.
- 44) Ouafi A., **Hammouti B.**, Oudda H., Kertit S., Touzani R., Ramdani A. (2002), New pyrazole derivatives as effective Inhibitors for the corrosion of mild steel in HCl medium, **Anti-Corros. Meth. Mater.** 49 N°3, 199-204.
- 45) Dafali A., **Hammouti B.**, Touzani R., Kertit S., Ramdani A., Elkacemi K. (2002), Corrosion Inhibition of copper in 3% NaCl solution by new bipyrazolic derivatives, **Anti-corros. Meth. & Mat.**, 49N°2, 96-104.
- 46) Corrosion inhibition of 6063 aluminum alloy by means of inorganic compounds in 3% sodium chloride solution, L. Bazzi, R. Salghi, E. Zine, S. El Issami, S. Kertit, **B. Hammouti**, **Can. J. Chim.** 80 N°1 (2002) 106-112.
- 47) Study of the inhibiting power of 2,9-chloromethyl-1,10-phenanthroline for the corrosion of mild steel in molar hydrochloric acid solution at 90°C, M. Elouafi, **B. Hammouti**, H. Oudda, T. Ben-hadda, S. Kertit, **Ann. chim. Sci. Mat.**, 26 N°2 (2002) 71-80.
- 48) New synthesised pyridazine derivatives as effective inhibitors for the corrosion of pure iron in 1M HCl medium, A. Chetouani, **B. Hammouti**, A. Aouniti, N. Benchat, T. Benhadda, **Prop. Org. Coat.** 45(4) (2002) 373-378.
- 49) Zerfaoui M., Oudda H., **Hammouti B.**, Benkaddour M., Kertit S., Zertoubi M., Azzi M., Taleb M., Electrochemical studies of the corrosion inhibition of methionine ethyl ester on iron in citric-chloride solution, **Revue de Métallurgie: (Paris)**. Vol.99 N° 12 (2002) 1105-1110.
- 50) Corrosion inhibition of brass in nitric acid solution by Boc-phenylalanine, Y. Abed, **B. Hammouti**, M. Taleb, S. Kertit, **Trans. SAEST**. 37 N°3&4 (2002) 92-102.
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- 51) Corrosion inhibition of iron in hydrochloric acid solutions by naturally henna A. Chetouani, **B. Hammouti**, **Bull. Electrochem.** 19 N°1 (2003) 23-25.
- 52) Substituted uraciles as corrosion Inhibitor of copper in aerated 3% NaCl solution, A. Dafali, **B. Hammouti**, R. Mokhlisse, S. Kertit, K. Elkacemi, **Corros. Sci.** 45 N°8 (2003) 1619–1630.
- 53) Corrosion inhibitors for hydrochloride acid solution by newly synthesised pyridazine derivatives, A. Chetouani, A. Aouniti, **B. Hammouti**, N. Benchat, T. Benhadda, S. Kertit, **Corros. Sci.** 45 N°8 (2003) 1675–1684.
- 54) Chetouani A., K. Medjahed, K. E. Benabadj, **B. Hammouti**, S. Kertit, Mansri A. (2003). Poly (4-vinylpyridine isopentyl bromide) as inhibitor for corrosion of pure iron in molar sulphuric acid, **Prog. Org. Coat.** 46 N°6, 312-316, [https://doi.org/10.1016/S0300-9440\(03\)00019-5](https://doi.org/10.1016/S0300-9440(03)00019-5)
- 55) Impedance study on inhibition of mild steel corrosion in 1M HCl medium by 2,9-chloromethyl-1,10-phenanthroline, A. Elouafi, M. Kissi, **B. Hammouti**, T. Ben-Hadda, M. Azzi, M. Zertoubi, **Bull. Electrochem.** 19 N°3 (2003) 139-144
- 56) Effect of heat treatment on the corrosion resistance of titanium in 4M HCl, E. Chaieb, **B. Hammouti**, A. Tahani, S. Kertit, M. Benkaddour, **Trans. SAEST**, 38 N°2 (2003) 72-74.
- 57) Bazzi L., Salghi M., El Alami Z., Ait Addi E., El Issami S., Kertit S., **Hammouti B.** (2003), Comparative study of corrosion resistance for 6063 and 3003 aluminium alloys in chloride medium, **Rev Metall. Sci Mat**, N°12, 1227-1235.
- 58) bis [2-thiophene carboxylate] di-n-butyltin as corrosion inhibitor of steel in 0.5M sulphuric acid solution A. Ouchrif, A. Yahyi, **B. Hammouti**, A. Dafali, M. Benkaddour, A. Et-Touhami, **Bull. Electrochem.** 19 N°10 (2003) 455-458.
- 59) Synergistic effect of iodide ions on the inhibition of the corrosion of steel in 0.5 H₂SO₄ by Chalcone derivative Bouklah, A. Bouyanzer, M. Benkaddour, **B. Hammouti**, A. Aouniti, M. Oulmidi, **Bull. Electrochem.** 19 N°11 (2003) 483-488.
- 60) Corrosion inhibition of Lead in 0.24 HClO₄ media by aminoacid compounds, R. Salghi, L. Bazzi, E. Ait Addi, **B. Hammouti**, **Trans. SAEST**, 38 N°3 (2003) 127-129.
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- 61) Corrosion inhibition of iron in hydrochloric acid solution by jojoba oil, A. Chetouani, **B. Hammouti**, M. benkaddour **Resin & Pigment Technol.** Vol. 33, No. 1 (2004) 26-31.
- 62) Naturally occurring ginger as a corrosion inhibitor for steel in molar hydrochloric acid at 353 K, A. Bouyanzer, **B. Hammouti**, **Bull. Electrochem.** 20 N°2 (2004) 63-65.
- 63) Bouklah M., **Hammouti B.**, Aouniti A., Benhadda T. (2004), Thiophene derivatives as effective inhibitors for the corrosion of steel in 0.5M H₂SO₄. **Prop. Org. Coat.** 49N°3, 225-228, <https://doi.org/10.1016/j.porgcoat.2003.09.014>
- 64) Corrosion inhibition of steel in hydrochloric acid solutions by malonitrile compounds, S. Elayyoubi, B. Hammouti, H. Oudda, E.B. Maarouf, S. Kertit; **Revue de Métallurgie: (Paris)**. 101 N° 2 (2004) 153-157.
- 65) Peptidic Compound as corrosion inhibitor for brass in nitric acid solution, Y. Abed, M. Kissi, **B. Hammouti**, M. Taleb, S. Kertit, **Prog. Org. Coat.**, 50 N°2(2004) 144-147.
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Moroccan Patents (Brevets Marocains)

- 1- Inhibition of iron corrosion in hydrochloric solution by 3(5)-carbomethoxy-5(3)-methylpyrazole et 1,3-bis(3'-carbomethoxy-5'-methyl-1'-pyrazolyl)propane, A. Aouniti, **B. Hammouti**, M. Brighli, S. Kertit, F. Berhili, S. Elkadiri, A. Ramdani, **Moroccan Patent N° 23920 (1994)**.
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