

BIBLIOGRAFÍA



Universidad Nacional
Autónoma de México

Dirección General de Bibliotecas de la UNAM

Biblioteca Central



UNAM – Dirección General de Bibliotecas
Tesis Digitales
Restricciones de uso

DERECHOS RESERVADOS ©
PROHIBIDA SU REPRODUCCIÓN TOTAL O PARCIAL

Todo el material contenido en esta tesis esta protegido por la Ley Federal del Derecho de Autor (LFDA) de los Estados Unidos Mexicanos (México).

El uso de imágenes, fragmentos de videos, y demás material que sea objeto de protección de los derechos de autor, será exclusivamente para fines educativos e informativos y deberá citar la fuente donde la obtuvo mencionando el autor o autores. Cualquier uso distinto como el lucro, reproducción, edición o modificación, será perseguido y sancionado por el respectivo titular de los Derechos de Autor.

BIBLIOGRAFÍA

1. Aguilar J. J., Domínguez J. A., Sánchez Ma. de J. 1996. *Estudio de la Corrosión en Acero Estructural A.I.S.I. 1010 Causada por Pseudomonas aeruginosa*. Tesis de Licenciatura. FESZ Cuautitlán UNAM.
2. Annison G., Couperwhite I. Aust. 1987. *Composition of Alginate Synthesized During the Growth Cycle of Pseudomonas aeruginosa*. J Biol. Sci. **40**, 435-441.
3. Anwar H., Costerton J. W. 1990 *Enhanced Activity of Combination of Trombomycin and Piperacilin for Eradication of Sessil Biofilm Cells of Pseudomonas aeruginosa*. Antimicrob. Agents Chemother. **34**, 1666-1671.
4. Anwar H., van Biesen T., Dasgupta M., Lam K., Costerton J. W. 1989. *Interaction of Biofilm Bacteria with Antibiotics in a Novel in vitro Chemostat System*. Antimicrob. Agents Chemother **33**, 1824-1826.
5. Anwar H., Strap J. L., Costerton J. W. 1992. *Establishment of Alginate Biofilms: Possible Mechanism of Bacterial Resistance to Antimicrobial Therapy*. Antimicrob. Agents Chemother. **36**, 1347-1351.
6. Bancroft K. E. A. P., Wiebe W. J. 1976 *The Extraction and Measurement of Adenosine Triphosphate from Marine Sediments*. Limnology & Oceanography **21**, 473-480.
7. Bayer A. S., Eftekhar F., Tu J., Nast C. C., Speert D.P. 1990. *Oxygen-Dependent Up-Regulation of Mucoïd Exopolysaccharide (Alginate) Production in Pseudomonas aeruginosa*. Infection and Immunity. **58**(5), 1344-1349
8. De Beer D., Stoodley P., Roe F., Lewandowski Z. 1994. *Effects of Biofilm Structures on Oxygen Distribution and Mass Transport*. Biotechnology and Bioengineering. **43**(11), 1131-1138.
9. De Beer D., Srinivasan R., Stewart P. S. 1994. *Direct Measurement of Chlorine Penetration into Biofilms During Disinfection*. Appl. Environ. Microbiol. **60**, 12, 4339-4344.
10. Berry A. J., DeVault J. D., Chackrabarty. J. 1989. *High Osmolarity is a Signal for Enhanced algD Transcription in Mucoïd and non Mucoïd Pseudomonas aeruginosa Strains*. Bacteriol. **172**, 2312-2317.
11. Blackwood D. J., de Rome J. L., Oakley D. L., Prichard A. M. 1994. *Novel Sensors for on-site Detection of MIC*. Corrosion / **94**. Paper No 254. NACE International. Houston, TX.
12. Boristein S 1994. *Microbially Influenced Corrosion Handbook*. Industrial Press Inc New York. pp 179-220.

13. **Boscan de González C. y Videla H. A.** 1998. *Prevención y Control*. CYDETEQ. 54-64.
14. **Brankevich G. J. Fernández M., Videla H. A.** 1990. *Biofouling and Corrosion in Coastal Power Plant Cooling Water Systems*. Marine Tech. J. **24**(3), 18-28.
15. **Brock T. D., Mandingan M. T., Martinko J. M., Parker J.** 1994. *Microbiology*. 7th edition. Ed. Prentice Hall. U.S.A.
16. **Brown M. R. W., Allison D.G., Gilbert P. J.** 1988. *Resistance of Bacterial Biofilms to Antibiotics: a Growth-Rate Related Effect?*. Antimicrob. Chemother. **22**, 777-780.
17. **Bryant, R. D., Jansen W., Brown J., Laishley E. J. & Costerton J. W.** 1991. *Effect of hydrogenase and mixed sulfate-reducing bacterial populations on the corrosion of the steel*. Applied & Environmental Microbiology **57**, 2804-2809.
18. **Bushnell, C. D., Haas H. F.** 1941. *The Utilization of Certain Hydrocarbons by Microorganisms*. Journal of Bacteriology **41**, 654-673.
19. **Canfield D. E., Des Marais D. J.** 1991. *Aerobic Sulfate Reduction Microbial Mats*. Science **251**, 1471-1473.
20. **Carpenter P. L.** 1972. *Microbiology*. 3^d edition. W. B. Saunders Company. U. S. A.
21. **Chalut J., Cairns J., Korkonan N.** 1994. *Identification and Quantification of Cooling Water Biofilms Using Fluorescent Staining and ATP Monitoring Techniques*. Corrosion / **94**. Paper No. 272. NACE International. Houston, TX.
22. **Chantereau J.** 1985. *Corrosión Bacteriana*. Ed. Limusa. México.
23. **Characklis W. G., Marshall K. C.** 1990. *Biofilms*. Wiley and Sons Ltd. NY. pp. 293.
24. **Characklis W. G.** 1981. *Fouling Biofilm Development: A Process Analysis*. Biotech. Bioeng. **23**, 1923-1960.
25. **Chapman J. S.** 1998. *Characterizing Bacterial Resistance to Preservatives and Desinfectans*. *International Biodeterioration Biodegradation* **41**(3-4), 241-245.
26. **Chen X., Stewart P. S.** 1996. *Chlorine Penetration into Artificial Biofilm is Limited by a Reaction-Diffusion Interaction*. Environ. Sci. Technol. **30**, 2076-2083.
27. **Coleman A. W.** 1980. *Enhanced Detection of Bacteria in Natural Environments by Fluorochrome Staining of DNA*. Limnology & Oceanography **25**, 948-951.
28. **Coplin D. L., Cook D.** 1990. *Molecular Genetics of Extracellular Polysaccharide Biosynthesis in Vascular Phytopathogenic Bacteria*. Mol. Plant-Microbe Interact. 271-279.
29. **Costerton J. W.** 1984. *The Etiology and Persistence of Cryptic Bacterial Infections: a Hypothesis*. Rev. Inf. Dis. **6** (Suppl. 3), 608-616.

30. Costerton J. W. 1984. *The Formation of Biocide-Resistant Biofilm in Industrial, Natural and Medical Systems*. Dev. Ind. Microbiol. **25**, 363-372.
31. Costerton J. W., Cheng K. J., Geesey G. G., Ladd T. I., Nickel J. C., Dasgupta M., Marrie T. J. 1987. *Bacterial Biofilms in Nature and Disease*. Annual Review of Microbiology **41**, 435-464.
32. Costerton J. W., Geesey G. G., Johns P. A. 1998 *Bacterial Biofilms in Relation to Internal Corrosion Monitoring and Biocide Strategies* Materials Performance **27**, 49.
33. Costerton J. W., Lewandowski Z., Caldwell D. E., Korber D. R., Lappin-Scott H. M. 1995. *Microbial Biofilms*. Annual Review of Microbiology **49**, 711-745.
34. Cragolino C., Tuovinen O. Li. 1984. *The Role of Sulphate-reducing and Sulphur-Oxidising Bacteria in the Localised Corrosion of Iron-Base Alloys – a Review*. International Biodeterioration **20**, 9-26.
35. Dagostino L. Goodman A. E., Marshall K. C. 1991. *Physiological Responses Induced in Bacteria Adhering to Surfaces*. Biofouling **4**, 113-119.
36. Davies D. D. Dulbecco R., Eisen H. N., Ginsberg H. S. 1984. *Tratado de Microbiología*. 3ª edición. Salvat Editores. 1097 pp.
37. Davies D.G., Chakrabarty A. M., Geesey G. G. 1993. *Exopolysaccharide Production in Biofilms: Substratum Activation of Alginate Gene Expression by Pseudomonas aeruginosa*. Applied and Environmental Microbiology **59**(4), 1181-1186.
38. Davies D. G. Geesey G.G. 1995 *Regulation of the Alginate Biosynthesis Gene algC in Pseudomonas aeruginosa during Biofilm Development in Continuous Culture*. Applied and Environmental Microbiology **61**(3), 860-867.
39. Dexter S. C., 1995. *Bioextraction & Biodeterioration of Metals*. Cambridge, Cambridge University Press.
40. Dexter S. C., Shiang-Ho Lin. 1992. *Effects of Marine Biofilms on Cathodic Protection*. Int. Biodet. Biodegrad. **29** (3-4), 231-249.
41. DeVault J. D., Berry A., Misra T. K. Chacrabarty A. M. 1989. *Environmental Sensory Signals and Microbial Patogenesis: Pseudomonas aeruginosa Infección in Cystic Fibrosis*. Bio / Technology **7**, 352-357.
42. DeVault J.D., Kimbara K., Chakrabarty A. M. 1990. *Pulmonary Dehydration and Infection in Cystic Fibrosis: Evidence that Ethanol Activates Alginate Gene Expression and Induction of Mucoidy in Pseudomonas aeruginosa*. Mol. Microbiol. **4**, 737-745.
43. Dexter, S. C., Duquette, D. J. Siebert O. W. Videla H. A. 1991. *Use and Limitations of Electrochemical Techniques for Investigating Microbial Influenced Corrosion* Corrosion **47**, 308-318.

44. **Diego L., Hernández L., Priego E. A.** 1995. *Evaluación de la Corrosión en Acero Estructural A.I.S.I. 1010 Inducida por Bacterias Aerobias y Anaerobias*. Tesis. Facultad de Química. UNAM. México.
45. **Díez N.** 1990. *Microbiología de los alimentos*. ICYT. 12(168), 23-29.
46. **Fernández M.** 1998. *Sistemas de Seguimiento y Evaluación de la Biocorrosión y el Biofouling*. CYDETEQ. 36-53.
47. **Fernández M., Brankevich G., Videla H. A.** 1989. *Corrosion of CuNi30Fe in Artificial Solutions and Natural Seawater. Influence of Biofouling*. Br. Corros. J. 24(3), 211.
48. **Fernández, M. Moreno D. A., Ibars J. R., Videla H. A.** 1991. *Effect of Inorganic and Biogenic Sulphide on Localized Corrosion of Heat-Treated Type 304 SS*. Corrosion, 47(1), 24.
49. **Fernández M., Salvarezza R. C., Videla H. A.** 1979. *The Use of Pitting to Study the Microbial Corrosion of 2024 Aluminum Alloy*. Int. Biodeterior Bull. 15(4), 125-132.
50. **Fernández M., Salvarezza R.C., Videla H. A.** 1979. *Microbial Contaminants Influencing the Electroquimical Behavior of Aluminium and its Alloys in Fuel-Water Systems*. Intern. Biodeterior Bull. 15(2), 39-44.
51. **Fung D. Y. C., Phebus R. K.** 1995. *Rapid Methods and Automation in Microbiology*. Proceedings of the Second Latin American Biodegradation & Biodeterioration Symposium, Gramado R. S. Brasil. Abril 2-5.
52. **Galvele J. R.** 1979. *Corrosión*. Secretaría General de la Organización de los Estados Americanos. Programa Regional de Desarrollo Científico y Tecnológico. Washington D. C.
53. **Gaylarde C. C.** 1990. *Advances in the Detection of Microbiologically Induced Corrosion*. International Biodeterioration 26, 11-22.
54. **Gaylarde C. C. y Leal A. R.** 1998. *Cómo Identificar la Biocorrosión*. CYDETEQ. 27-32.
55. **Gaylarde C. C., Videla H. A.** 1987. *Localized Corrosion Induced by a Marine Vibrio*. Intern. Biodet. 23, 91-104.
56. **Gessey G. G.** 1982. *Microbial Exopolymers: Ecological and Economical Considerations*. Am. Soc. Microbiol. News 48, 9-14.
57. **Geesey G.G., Mutch R., Costerton J.W., Green R. B.** 1978. *Sessile Bacteria: an Important Microbial Population in Small Mountain Streams*. Limnol. Oceanogr. 23, 1214-1222.
58. **Gilbert P., Collier P. J., Brown M. R. W.** 1990. *Influence of Growth Rate on Susceptibility to Antimicrobial Agents: Biofilms, Cell Cycle, Dormancy, and Stringency Response*. Antimicrob. Agents Chemother. 34, 585-581.

59. Gómez de Saravia S. G., Guimet P. S. Videla H. A. 1992 *Uso de Técnicas Microscópicas para el Estudio de Adherencia Microbiana sobre Diversas Superficies Metálicas*. En Anales del 4to. Congreso Iberoamericano de Corrosión y Protección 2, 33 Mar de Plata, Argentina.
60. Guezannec J. 1991. *Influenced of Cathodic Protection on Mild Steel on the Growth of Sulphate-Reducing Bacteria at 35° C in Marine Sediments*. Biofouling 3(4), 339-348.
61. Hedrick H.G. 1970. *Microbial Corrosion of Aluminum*. Mater. Prot. 9(1), 27-31.
62. Hernández G., Kucera V., Thierry D., Pedersen A., Hermansson M. 1994. *Corrosion Inhibition of Steel by Bacteria*. Corrosion Science 50(8), 603-608.
63. Hill E. C. (ed.). 1983. *Microbial Problems and Corrosion in Oil and Oil Product Storage*. Institute of Petroleum. London. 105 pp.
64. Hill E. C., Shennan J. L., Watkinson R. J. (eds.). 1987 *Microbial Problems in the Offshore Oil Industry*. Institute of Petroleum / John Wiley & Sons. Chichester, U. K. pp. 257.
65. Hodges N. A., Gordon C. A. 1991. *Protection of Pseudomonas aeruginosa Against Ciprofloxacin and β -lactams by Homologous Alginate*. Antimicrob Agents Chemother. 35, 2450-2452.
66. Horacek G. 1988. *Biocorrosión in the Oilfield. Experimental Methods Development, Scanning Electron Microscopy Technique*. En Corrosion / 88. NACE Conference. St. Louis Mo. March, 21-25. NACE. Houston, TX
67. Hoyle B. D., Williams L.J., Costerton J. W. 1995. *Production of Mucoïd Exopolysaccharide during Development of Pseudomonas aeruginosa Biofilms*. Applied and Environmental Microbiology 61(2), 777-780.
68. Huang C. T., Xu K. D., McFeters, Stewart P. S.. 1998. *Spatial Patterns of Alkaline Phosphatase Expresión whitin Bacterial Colonies and Biofilms in Response to Phosphate Starvation*. Appl. Environ. Microbiol. 64, 1526-1531.
69. Iverson W. P. 1987. *Microbial Corrosion of Metals* Adv. Appl Microbiol. 32, 1-37.
70. Jawetz E., Meinick J. L., Adelberg E. A. 1985. *Manual de Microbiología Médica*. 11ª edición. El Manual Moderno, S.A. México. 1-15, 247.
71. Kjelleberg S., Humprey B. A., Marshall K. C. 1982. *The Effect of Interfaces on Small, Starved Marine Bacteria* Appl Enviromen. Microbiol 43, 1116-1172
72. Kjelleberg S. 1993. *Starvation in Bacteria*. New York: Plenum.
73. Koklik W. K. Willerr H. P., Amos D. B., Wilfert C. M. 1996. *Microbiología Zinsser*. 20ª edición. Editorial Médica Panamericana. Argentina.

74. Kolter R., O'Toole G., Kaplan H. 2000. *Biofilm Formation as Microbial Development*. Annu. Rev. Microbiol. 54, 49-49.
75. Lambert R. J., Johnston M. D., Simons E. A. 1998. *Disinfectant Testing: use of the Bioscreen Microbiological Growth Analyser for Laboratory Biocide Screening*. Lett Appl Microbiol 26(4), 288-92.
76. Lambert R. J., Johnston M. D., Simons E. A. J. 1999 *An Investigation into the Differences between the Bioscreen and the Traditional Plate Count Disinfectant Test Methods*. Appl. Microbiol. 86(4), 689-694.
77. Lamont J. L., C. A. Sequeira, A. K. Tiller 1988. *Microbial Corrosion 1*. Elsevier Applied Science. London, 224-234.
78. LeChevalier M. W., Cawthon C. D., Lew R. G. 1988. *Inactivation of Biofilm Bacteria*. Appl. Environ. Microbiol. 54, 2492-2499.
79. Lewandowski Z., Lee W., Characklis W. G. Little B. J. 1998. *Microbial Alteration of the Metal Water Interface: Dissolved Oxygen and pH Microelectrode Measurements*. Paper No. 93. Corrosion / 88. NACE International, Houston Tx.
80. Licina G. J. 1988. *An Overview of Microbiology Influenced Corrosion in Nuclear Power Plant Systems*. Mater. Perform. 28, 55-60.
81. Licina G. J., Nekoxa G. 1994. *Experience with on-line Monitoring of Biofilms in Power Plant. Environment. Corrosion / 94*. Paper No. 257. NACE International. Houston, Tx. 1994.
82. Linker A., Jones R.S. 1966. *A New Polysaccharide Resembling Alginate Isolated from Pseudomonas*. J. Biol. Chem. 241, 3845-3851.
83. Little B. J., Wagner P. A., Ray R. I. 1992. *An Experimental Evaluation of Titanium Resistance to Microbiologically Influenced Corrosion*. Paper No. 173. Corrosion / 92. NACE International. Houston Tx.
84. MacFaddin J. F. 1993. *Pruebas Bioquímicas para la Identificación de Bacterias de Importancia Clínica*. 2ª reimpresión. Editorial Médica Panamericana, S. A. de C. V. México.
85. McClure, P.J., Cole, M.B., Davies, K.W. and Anderson, W.A. 1993. *The Use of Automated Turbidimetric Data for the Construction of Kinetic Models*. Journal of Industrial Microbiology 12(3-5), 277-285.
86. Mansfeld F., Little B. J. 1991. *A Technical Review of Electrochemical Techniques Applied to Microbiologically Influenced Corrosion*. Corrosion 32(3), 247-272.
87. Meitz A. 1991. *Environmental Concerns and Biocides*. Corrosion / 91. No. 306. NACE International. Houston, Tx.

88. **Mollica A.** 1992. *Biofilm and Corrosion on Active-Passive Alloys in Seawater*. Intern Biodet. Biodegr. **29**, 213-229.
89. **Mollica A., Trevis A., Traverso E., Ventura G., Decarolis G., Dellepiane R.** 1989. *Cathodic Performance of Stainless Steels in Natural Seawater as a Function of Microorganism Settlement and Temperature*. Corrosion. **45**, 48-57.
90. **Morales J., Esparza P., González S., Salvarezza R., Arévalo M. P.** 1993. *The Role of Pseudomonas aeruginosa on the Localized Corrosion of 304 Stainless Steel*. Corrosion **34**(9), 111531-1540.
91. **Morales J. Morales J., Esparza P., González S., Salvarezza R., Arévalo M. P.** 1993. *Modificación del Estado Pasivo de un Acero Inoxidable por Depósitos Microbianos*. Anales de Química **89**(2), 190-195.
92. **Nickel J. C., Ruseska I., Wright J. B., Costerton J. W.** 1985. *Trobamycin resistance of Pseudomonas aeruginosa cells growing as a biofilm on urinary catheter material*. Antimicrob. Agents Chemother. **27**, 619-624.
93. **Pérez J. J.** 1998. *Estudio de la Corrosión por Métodos Electroquímicos de Acero Estructural 1010 Causada por una Mezcla de Microorganismos Anaerobios*. Tesis de Maestría. FEZ Cuautitlán. UNAM. México.
94. **Pedersen A., Kjelleberg S., Hermansson M. A** 1988. *Screening Method for Bacterial Corrosion of Metals*. Journal of Microbiological Methods **8**(4), 191-198.
95. **Pelczar M. J., Reid R. D., Chan E. C. S.** 1997. *Microbiología* 4a edición (2a edición en español). McGraw Hill de México. México.
96. **Perkin A. J.** 1993. *On-line Monitoring of Microbiologically Influenced Corrosion in Power Plant Environments*. Corrosion / 93. Paper No. 185. National Association of Corrosion Engineers. Houston, Tx.
97. **Pintado J. L., Montero F.** 1986. *Corrosión Microbiológica en Centrales Hidroeléctricas*. Corrosión y Protección XVII (5), 361-366.
98. **Piggot N. H., Sutherland I. W., Jarman T. R.** 1982. *Alginate Synthesis by Mucoïd Strains of Pseudomonas aeruginosa PAO*. Eur. J. Appl. Microbiol Biotechnol. **16**, 131-135.
99. **Posgate J. R.** 1984. *The Sulphate-reducing Bacteria*. Cambridge University Press. Cambridge.
100. **Prescott L. M., Harley J. P., Klein D. A.** 1999. *Microbiología*. 4ª edición. Mc Graw Hill Interamericana. España.

101. **Ramírez R. M., Luna B., Mejía A., Velázquez O., Tsusuki G., Vierna L., Mügggenburg I.** 1995. *Manual de Prácticas de Microbiología General*. Facultad de Química. UNAM. México, D.F.
102. **Revsbch P. S.** 1989. *An Oxygen Microsensor with a Guard Cathode*. *Limnol. Oceanogr.* **34**, 474-478.
103. **Rice, R. G. Wilkes J. F.** 1992. *Fundamental Aspects of Ozone Chemistry in Recirculating Cooling Water Systems*. Paper No. 205. Corrosion / 91.NACE International. Houston, Tx.
104. **Roberge P. R., Sastri V. S.** 1994. *On-Line Corrosion Monitoring with Electrochemical Impedance Spectroscopy*. *Corrosion* **50**(10), 744-754.
105. **Ruseska I., Robbins J., Costerton J. W. Lashen E. S.** 1982. *Biocide Testing Against Corrosion-Causing Oilfield Bacteria Helps Control Plugging*. *Oil & Gas J.* **80**, 253-264.
106. **Sanderson S. S. Stewart P. S.** *Evidence of Bacterial Adaptation to Monochloramine in Pseudomonas aeruginosa Biofilms and Evaluation of Biocide Action Model*. 1997 *Biotechnology and Bioengineering* **56**(2), 201-209.
107. **Scotto V., Di Cinto R., Marcenaro G.** 1985. *The Influence of Marine Microbial film on Stainless Steel Corrosion Behavior*. *Corrosion* **25**, 184.
108. **Sirvins A. y Tramier B.** 1994. *La Biodegradación de los Hidrocarburos*. *Mundo Científico* **6**(54), 46-54.
109. **Stainer R., Duodoroff M., Adelberg E.** 1985. *Microbiología*. 3ª edición. Ediciones Aguilar S. A. de C. V. España. 214-220, 633-636.
110. **Steel A., Goddard D. T., Beech I. B.** 1994. *An Atomic Force Microscopy Study of the Biodeterioration of Stainless Steel in the Presence of Bacterial Biofilms*. *International Biodeterioration & Biodegradation* **34**, 35-46.
111. **Sutherland I. W.** 1990. *Biotechnology of Microbial Exopolysaccharides*. Cambridge University Press, Cambridge.
112. **Syrett B.** 1991. *The Mechanism of Accelerated Corrosion of Copper-Nickel Alloys in Sulfide Polluted Seawater*. *Corrosion* **21**, 187-209.
113. **Tejada S. L.** 1993. *Corrosión Microbiológica*. ICYT. **15**(200). 24-26.
114. **Tejada S. L., Salas J. M.** 1995. *Glosario de Términos de Corrosión*. Facultad de Química. UNAM. México.
115. **Tejada S. L., Vierna L.** 1998-1999. *Corrosión Causada por Pseudomonas aeruginosa. Relación entre Población Microbiana y la Corrosión en Acero*. *Anuario Latinoamericano De Educación Química (ALDEQ)*. 155-159.

- 116 **Tejada S. L., Vierna L.** 1998-1999. *Rapidez de Corrosión en Corrosión Microbiológica* ALDEQ. 221-223.
- 117 **Terry J.M. Piña S. E., Mattingly S.J.** 1990. *Environmental Conditions Which Influence Mucoid Conversion in Pseudomonas aeruginosa PA01*. *Infect. Immun.* **59**, 471-477
- 118 **Turakhia M. H. Characklis W. G.** 1984. *Fouling of Heat Exchange Surfaces*. *J. Wat. Poll. Contr. Fed.* **54**, 1288-1295.
119. **Vaidya R. U., Butt D. P., Hersman L.E., Zurek A. K.** 1997. *Effect of Microbiologically Influenced Corrosion on the Tensile Stress-Strain Response of Aluminum and Alumina Particle Reinforced Aluminum Composite* *Corrosion* **53**(2), 136-141.
120. **Vandevivere P., Kirchman D. L.** 1993. *Attachment Stimulates Exopolysaccharide Synthesis by a Bacterium*. *Applied and Environmental Microbiology* **59**(10), 3280-3286.
121. **Van Loosdrecht M. C. M., Lyklema J., Norde W., Zehnder A.** 1990. *Influences of Interfaces on Microbial Activity*. *Microbiol. Rev.* **54**, 75-87.
122. **Videla H. A.** 1998. *Corrosión Microbiológica y Biofouling en Sistemas Industriales*. Introducción. CYDETEQ. 4-26.
123. **Videla H. A.** 1997. *Biofilms and Corrosion Interactions on Stainless Steel in Seawater*. *Int. Biodet. Biodegr.*
124. **Videla H. A., Characklis W. G.** 1992 *Biofouling and Microbially Influenced Corrosion* *Intern. Biodet & Biodegradation* **29**, 195-212.
125. **Videla H. A., Fernández M., Brankevich G. J.** 1988. *Assesment of Corrosion and Microfouling of Several Metal in Polluted Seawater*. *Corrosion* **44** (7), 423-426
126. **Videla H. A., Gomez de Saravia S.G. Fernández M., Hernández G., Hartt W.** 1993. *The Influence of Microbial Biofilms on Cathodic Protection at Different Temperatures*. *Corrosion / 93*. Paper No: 298. NACE International. Houston, Tx.
127. **Videla H. A., Gomez de Saravia S.G. Fernández M.** 1992. *MIC of Heat Exchanger Materials in Marine Media Contaminated with Sulphate-Reducing Bacteria*. *CORROSION / 92*. Paper No. 189. NACE International. Houston TX.
128. **Videla H. A., Guimet P. S., Dovalle S. Reionoso E. H.** 1998. *Effects of Fungal and Bacterial Contaminants of Kerosene Fuels on the Corrosion of Storage and Distribution Systems*. Paper No. 91. *Corrosion / 88*. NACE International. Houston, Tx.
129. **Videla H. A., Guimet P. S., Pardini O. R., Freitas M. M.S. Echarte E., Trujillo D.** 1991. *Monitoring Biofilms and Microbiologically influenced Corrosion in an Oilfield Water System*. Paper No. 103. *Corrosion / 91*. NACE International. Houston, Tx.

130. Videla H. A., Viera M., Guimet, P. S., Fernández M., Bianchi F. Canales C. G. 1993. *Laboratory Studies on the Effect of Ozone on the Passivity of Steel and Mixed Bacterial Biofilms*. Paper No. 486. Corrosion / 93. NACE International. Houston, Tx.
131. Videla H. A., Viera M. R., Guimet P. S., Staibano Alais J. C. 1994. *Combined Action of Oxidizing Biocides for Controlling Biofilms and MIC*. Paper No. 260. Corrosion / 94. NACE International. Houston, Tx.
132. Videla H. A., Viera M. R., Guimet P. S., Staibano Alais J. C. 1995. *Effect of Dissolved Ozone on the Passive Behavior of Heat-exchanger Structural Material. Biocidal Efficacy on Bacterial Biofilms*. Paper No. 199. Corrosion / 95. NACE International. Houston, Tx.
133. Wrangstandh M., Conway P. L., Kjelleberg S. 1989. *The role of an extracellular Polysaccharide Produced by Marine Pseudomonas sp. S9 in Cellular Detachment During Starvation*. Can. J. Microbiol. **35**, 309-313.
134. Xu K. D., Stewart P. S., Xia F., Huang C., McFeters G. A. 1998. *Spatial Physiological Heterogeneity in Pseudomonas aeruginosa Biofilm is Determined by Oxygen Availability*. Applied Environmental Microbiology **64**(10), 4035-4039.
135. Xu X., Stewart P. S., Chen X. 1996. *Transport Limitation of Chlorine Disinfection of Pseudomonas aeruginosa Entrapped in Alginate Beads*. Biotechnology and Bioengineering. **49**(1), 93-100.
136. Zielinski N.A., Maharaj R., Roychoudhury S., Danganan C.E., Hendrickson W., Chakrabarty A. M. 1992. *Alginate Synthesis in Pseudomonas aeruginosa: Environmental Regulation the algC Promoter*. J. Bacteriol. **174**, 7680-7688.
137. <http://www.corrosion.com>.
138. <http://www.microbiologia.com.ar>
139. <http://www.microbiologia.com.ar/paeruginosa-me>
140. <http://www.labsystems.fi>
141. <http://www.spectronic.com>
142. <http://www.orionres.com>
143. <http://www.orionres.com/labcat/benchmtr/429.html>