

## *NOM papers, April 2008*

Effects of municipal waste compost and sewage sludge on proton binding behavior of humic acids from Portuguese sandy and clay loam soils

Author(s): Pedra, F; Plaza, C; Garcia-Gil, JC, et al.

Source: BIORESOURCE TECHNOLOGY Volume: 99 Issue: 7 Pages: 2141-2147 Published: 2008

Times Cited: 0

2. Title: Anaerobic biodegradation of 1,4-dioxane by sludge enriched with iron-reducing microorganisms

Author(s): Shen, W; Chen, H; Pan, S

Source: BIORESOURCE TECHNOLOGY Volume: 99 Issue: 7 Pages: 2483-2487 Published: 2008

Times Cited: 0

3. Title: Application of different organic amendments in a gasoline contaminated soil: Effect on soil microbial properties

Author(s): Tejada, M; Gonzalez, JL; Hernandez, MT, et al.

Source: BIORESOURCE TECHNOLOGY Volume: 99 Issue: 8 Pages: 2872-2880 Published: 2008

Times Cited: 0

4. Title: Sorption of the antibiotic tetracycline to humic-mineral complexes

Author(s): Gu, C; Karthikeyan, KG

Source: JOURNAL OF ENVIRONMENTAL QUALITY Volume: 37 Issue: 2 Pages: 704-711 Published: 2008

Times Cited: 0

5. Title: Humic acid degradation in aqueous solution by the photo-Fenton process

Author(s): Katsumata, H; Sada, M; Kaneco, S, et al.

Source: CHEMICAL ENGINEERING JOURNAL Volume: 137 Issue: 2 Pages: 225-230 Published: 2008

Times Cited: 0

6. Title: Extraction of extracellular polymeric substances from extreme acidic microbial biofilms

Author(s): Aguilera, A; Souza-Egipsy, V; Martin-Uriz, PS, et al.

Source: APPLIED MICROBIOLOGY AND BIOTECHNOLOGY Volume: 78 Issue: 6 Pages: 1079-1088 Published: 2008

Times Cited: 0

7. Title: Adsorption of humic acid from aqueous solution onto irradiation-crosslinked carboxymethylchitosan

Author(s): Zhao, L; Luo, F; Wasikiewicz, JM, et al.

Source: BIORESOURCE TECHNOLOGY Volume: 99 Pages: 1911-1917 Published: 2008

Times Cited: 0

8. Title: Contribution of quinone-reducing microorganisms to the anaerobic biodegradation of organic compounds under different redox conditions

Author(s): Cervantes, FJ; Gutierrez, CH; Lopez, KY, et al.

Source: BIODEGRADATION Volume: 19 Issue: 2 Pages: 235-246 Published: 2008

Times Cited: 0

9. Title: Use of model soil colloids to evaluate adsorption of phenanthrene and its mobilization by different solutions

Author(s): Negre, M; Boursier, C; Abbate, C, et al.

Source: JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING Volume: 43

Pages: 443-451 Published: 2008

Times Cited: 0

10. Title: Degradation of the insecticidal toxin produced by *Bacillus thuringiensis* var. *kurstaki* by extracellular proteases produced by *Chrysosporium* sp.

Author(s): Padmaja, T; Suneetha, N; Sashidhar, RB, et al.

Source: JOURNAL OF APPLIED MICROBIOLOGY Volume: 104 Issue: 4 Pages: 1171-1181

Published: 2008

Population of humic acid degrading microorganisms in Andosols under different vegetation types and grassland management regimens

Author(s): Yanagi, Y; Yoda, K; Ogura, K, et al.

Source: MICROBES AND ENVIRONMENTS Volume: 23 Issue: 1 Pages: 44-48 Published: 2008

Times Cited: 0

12. Title: Comparison of solid-state C-13 NMR spectra of soil organic matter from an experimental burning site acquired at two field strengths

Author(s): Smernik, RJ; Eckmeier, E; Schmidt, MWI

Source: AUSTRALIAN JOURNAL OF SOIL RESEARCH Volume: 46 Issue: 2 Pages: 122-127 Published: 2008

Times Cited: 0

13. Title: Two distinct *Photobacterium* populations thrive in ancient mediterranean sapropels

Author(s): Suss, J; Herrmann, K; Seidel, M, et al.

Source: MICROBIAL ECOLOGY Volume: 55 Issue: 3 Pages: 371-383 Published: 2008

Times Cited: 0

14. Title: An evaluation of freezing as a preservation technique for analyzing dissolved organic C, N and P in surface water samples

Author(s): Fellman, JB; D'Amore, DV; Hood, E

Source: SCIENCE OF THE TOTAL ENVIRONMENT Volume: 392 Issue: 2-3 Pages: 305-312 Published: 2008

Times Cited: 0

15. Title: Natural water purification and water management by artificial groundwater recharge

Author(s): Balke, KD; Zhu, Y

Source: JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE B Volume: 9 Issue: 3 Pages: 221-226 Published: 2008

Times Cited: 0

16. Title: Spectroscopic characterization of compost at different maturity stages

Author(s): Spaccini, R; Piccolo, A

Source: CLEAN-SOIL AIR WATER Volume: 36 Issue: 2 Pages: 152-157 Published: 2008

Times Cited: 0

17. Title: Changes in optical properties caused by UV-irradiation of aquatic humic substances from the amazon river basin: Seasonal variability evaluation  
Author(s): Rodriguez-Zuniga, UF; Milori, DBMBP; Da Silva, WTL, et al.  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 1948-1953 Published: 2008  
Times Cited: 0
18. Title: Sorption of phenanthrene by nonhydrolyzable organic matter from different size sediments  
Author(s): Sun, K; Ran, Y; Yang, Y, et al.  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 1961-1966 Published: 2008  
Times Cited: 0
19. Title: Environmental influences on the partitioning and diffusion of hydrophobic organic contaminants in microbial Biofilms  
Author(s): Wicke, D; Bockelmann, U; Reemtsma, T  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 1990-1996 Published: 2008  
Times Cited: 0
20. Title: Metal flux and dynamic speciation at (bio)interfaces. Part III: MHEDYN, a general code for metal flux computation; Application to simple and fulvic complexants  
Author(s): Alemani, D; Buffle, J; Zhang, Z, et al.  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 2021-2027
- Metal flux and dynamic speciation at (Bio)Interfaces. Part IV: MHEDYN, a general code for metal flux computation; Application to particulate complexants and their mixtures with the other natural ligands  
Author(s): Alemani, D; Buffle, J; Zhang, Z, et al.  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 2028-2033 Published: 2008  
Times Cited: 1
22. Title: Reversed-phase chromatography fractionation tailored to mass spectral characterization of humic substances  
Author(s): Stenson, AC  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 2060-2065 Published: 2008  
Times Cited: 0
23. Title: Chromium(VI) reduction kinetics by zero-valent iron in moderately hard water with humic acid: Iron dissolution and humic acid adsorption  
Author(s): Liu, TZ; Tsang, DCW; Lo, IMC  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 6 Pages: 2092-2098 Published: 2008  
Times Cited: 0
24. Title: Three-dimensional fluorescence fingerprint for source determination of dissolved organic matters in polluted river  
Author(s): Zhong, RS; Zhang, XH; Guan, YT, et al.

Source: SPECTROSCOPY AND SPECTRAL ANALYSIS Volume: 28 Pages: 347-351  
Published: 2008  
Article Number: ISSN 1000-0593 Article Number: ISSN 1000-0593  
Times Cited: 0

25. Title: Investigation of molar volume and surfactant characteristics of water-soluble organic compounds in biomass burning aerosol  
Author(s): Asa-Awuku, A; Sullivan, AP; Hennigan, CJ, et al.  
Source: ATMOSPHERIC CHEMISTRY AND PHYSICS Volume: 8 Issue: 4 Pages: 799-812  
Published: 2008  
Article Number: ISSN 1680-7316 Article Number: ISSN 1680-7316  
Times Cited: 0

26. Title: Distribution of organic carbon in the stable soil humic fractions as affected by tillage management  
Author(s): Murage, EW; Voroney, P  
Source: CANADIAN JOURNAL OF SOIL SCIENCE Volume: 88 Issue: 1 Pages: 99-106  
Published: 2008  
Article Number: ISSN 0008-4271 Article Number: ISSN 0008-4271  
Times Cited: 0

27. Title: Conversion of waste polystyrene into porous and functionalized adsorbent and its application in humic acid removal  
Author(s): Wang, Z; Bai, R; Ting, YP  
Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 47 Issue: 6  
Pages: 1861-1867 Published: 2008  
Times Cited: 0

28. Title: Trace metal speciation during dry and wet weather flows in the Tama River, Japan, by using diffusive gradients in thin films (DGT)  
Author(s): Aung, NN; Nakajima, F; Furumai, H  
Source: JOURNAL OF ENVIRONMENTAL MONITORING Volume: 10 Issue: 2 Pages: 219-230  
Published: 2008  
Times Cited: 0

29. Title: Evaluation of hyper-cross-linked polymeric sorbents (Macronet MN200 and MN300) on dye (Acid red 14) removal process  
Author(s): Valderrama, C; Cortina, JL; Farran, A, et al.  
Source: REACTIVE & FUNCTIONAL POLYMERS Volume: 68 Issue: 3 Pages: 679-691  
Published: 2008  
Times Cited: 0

30. Title: Environmental remediation with humic substance system  
Author(s): Stottmeister, U  
Source: CHEMIE IN UNSERER ZEIT Volume: 42 Issue: 1 Pages: 24-41 Published: 2008  
Article Number: ISSN 0009-2851 Article Number: ISSN 0009-2851  
Times Cited: 0  
Pulsed electric field induced redistribution of fluorescent compounds from water-extractable soil organic matter  
Author(s): Ceremonie, H; Dudal, Y; Buret, F  
Source: EUROPEAN JOURNAL OF SOIL BIOLOGY Volume: 44 Issue: 1 Pages: 10-17  
Published: 2008

Times Cited: 0

32. Title: Soil amendments with organic wastes reduce the toxicity of nickel to soil enzyme activities

Author(s): Tejada, M; Moreno, JL; Hernandez, MT, et al.

Source: EUROPEAN JOURNAL OF SOIL BIOLOGY Volume: 44 Issue: 1 Pages: 129-140

Published: 2008

Times Cited: 0

33. Title: Non-enzymatic hydrolysis of fluorescein diacetate (FDA) in a Mediterranean oak (*Quercus ilex* L.) litter

Author(s): Alarcon-Gutierrez, E; Floch, C; Ruaudel, F, et al.

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 139-146 Published: 2008

Times Cited: 0

34. Title: Sorption and desorption of non-ionic herbicides onto particulate organic matter from surface soils under different land uses

Author(s): Benoit, P; Madrigal, I; Preston, CM, et al.

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 178-189 Published: 2008

Times Cited: 0

35. Title: Fractionation of dissolved organic carbon from soil solution with immobilized metal ion affinity chromatography

Author(s): Paunovic, I; Schulin, R; Nowack, B

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 198-207 Published: 2008

Times Cited: 0

36. Title: Adsorption of the insecticidal protein of *Bacillus thuringiensis* subsp *kurstaki* by minerals: effects of inorganic salts

Author(s): Fu, QL; Wang, WQ; Hu, HQ, et al.

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 216-221 Published: 2008

Times Cited: 0

37. Title: Increasing pH releases colloidal lead in a highly contaminated forest soil

Author(s): Klitzke, S; Lang, F; Kaupenjohann, M

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 265-273 Published: 2008

Times Cited: 0

38. Title: Buffer capacity and Cu affinity of soil particulate organic matter (POM) size fractions

Author(s): Sebastia, J; Van Oort, F; Lamy, I

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 304-314 Published: 2008

Times Cited: 0

39. Title: Interactions of ferricyanide with humic soils and charred straw

Author(s): Rennert, T; Kaufhold, S; Brodowski, S, et al.

Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 348-358 Published: 2008  
Times Cited: 0

40. Title: Visions of a more precise soil biology  
Author(s): Andren, O; Kirchmann, H; Katterer, T, et al.  
Source: EUROPEAN JOURNAL OF SOIL SCIENCE Volume: 59 Pages: 380-390 Published: 2008  
Title: Humic acid fractionation upon sequential adsorption onto goethite  
Author(s): Kang, SH; Xing, BS  
Source: LANGMUIR Volume: 24 Issue: 6 Pages: 2525-2531 Published: 2008  
Times Cited: 0

42. Title: Superiority of K-edge XANES over L-III-edge XANES in the speciation of iodine in natural soils  
Author(s): Shimamoto, YS; Takahashi, Y  
Source: ANALYTICAL SCIENCES Volume: 24 Issue: 3 Pages: 405-409 Published: 2008  
Article Number: ISSN 0910-6340 Article Number: ISSN 0910-6340  
Times Cited: 0

43. Title: Molecular spectroscopic study of River Nile sediment in the greater Cairo region  
Author(s): Ibrahim, M; Hameed, AJ; Jalbout, A  
Source: APPLIED SPECTROSCOPY Volume: 62 Issue: 3 Pages: 306-311 Published: 2008  
Article Number: ISSN 0003-7028 Article Number: ISSN 0003-7028  
Times Cited: 0

44. Title: Ozonation of humic acid in water  
Author(s): Miao, HF; Tao, WY  
Source: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY Volume: 83  
Pages: 336-344 Published: 2008  
Times Cited: 0

45. Title: Compact laser spectrofluorometer for water monitoring campaigns of Southern Italian regions affected by salinization and desertification processes  
Author(s): Caputo-Rapti, D; Fiorani, L; Palucci, A  
Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 10  
Pages: 461-469 Published: 2008  
Article Number: ISSN 1454-4164 Article Number: ISSN 1454-4164  
Times Cited: 0

46. Title: Which is the best oxidant for complexed iron removal from groundwater: The Kogalym case  
Author(s): Munter, R; Overbeck, P; Sutt, J  
Source: OZONE-SCIENCE & ENGINEERING Volume: 30 Pages: 73-80 Published: 2008  
Times Cited: 0

47. Title: Nickel(II) and copper(II) complexes with humic acid anions and their derivatives  
Author(s): Ryabova, IN  
Source: RUSSIAN JOURNAL OF APPLIED CHEMISTRY Volume: 81 Pages: 71-73  
Published: 2008  
Times Cited: 0

48. Title: The contribution of glomalin-related soil protein to Pb and Zn sequestration in polluted soil  
Author(s): Vodnik, D; Grcman, H; Macek, I, et al.  
Source: SCIENCE OF THE TOTAL ENVIRONMENT Volume: 392 Issue: 1 Pages: 130-136  
Published: 2008  
Times Cited: 0

49. Title: Dynamics of soil carbon in a beechwood chronosequence forest  
Author(s): Hedde, M; Aubert, M; Decaens, T, et al.  
Source: FOREST ECOLOGY AND MANAGEMENT Volume: 255 Pages: 193-202 Published: 2008  
Times Cited: 0

50. Title: Survival and reproduction of *Meloidogyne incognita* on tomato as affected by humic acid  
Author(s): Kesba, HH; Al-Shalaby, MEM  
Source: NEMATOTOLOGY Volume: 10 Pages: 243-249

Title: Adsorption of Th(IV) onto Al-pillared rectorite: Effect of pH, ionic strength, temperature, soil humic acid and fulvic acid  
Author(s): Yu, SM; Chen, CL; Chang, PP, et al.  
Source: APPLIED CLAY SCIENCE Volume: 38 Issue: 3-4 Pages: 219-226 Published: 2008  
Times Cited: 0

52. Title: Adsorption mechanism of humic and fulvic acid onto Mg/Al layered double hydroxides  
Author(s): Vreysen, S; Maes, A  
Source: APPLIED CLAY SCIENCE Volume: 38 Issue: 3-4 Pages: 237-249 Published: 2008  
Times Cited: 0

53. Title: Influences of vermicomposts, produced by earthworms and microorganisms from cattle manure, food waste and paper waste, on the germination, growth and flowering of petunias in the greenhouse  
Author(s): Arancon, NQ; Edwards, CA; Babenko, A, et al.  
Source: APPLIED SOIL ECOLOGY Volume: 39 Issue: 1 Pages: 91-99 Published: 2008  
Times Cited: 0

54. Title: Dinitrogen photofixation at ruthenium-modified titania films  
Author(s): Linnik, OP; Kisch, H  
Source: MENDELEEV COMMUNICATIONS Volume: 18 Issue: 1 Pages: 10-11 Published: 2008  
Times Cited: 0

55. Title: Molecular and structural characterization of dissolved organic matter from the deep ocean by FTICR-MS, including hydrophilic nitrogenous organic molecules  
Author(s): Reemtsma, T; These, A; Linscheid, M, et al.  
Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 5 Pages: 1430-1437 Published: 2008  
Times Cited: 0

56. Title: The role of condensed carbonaceous materials on the sorption of hydrophobic organic contaminants in subsurface sediments  
Author(s): Jeong, S; Wander, MM; Kleinedam, S, et al.

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 5 Pages: 1458-1464 Published: 2008  
Times Cited: 0

57. Title: Role of the extractable lipids and polymeric lipids in sorption of organic contaminants onto plant Cuticles

Author(s): Chen, BL; Li, YG; Gu, YT, et al.

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 5 Pages: 1517-1523 Published: 2008

Times Cited: 0

58. Title: Monitoring the effect of three humic acids on a model membrane system using P-31 NMR

Author(s): Elayan, NM; Treleaven, WD; Cook, RL

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 5 Pages: 1531-1536 Published: 2008

Times Cited: 0

59. Title: Dissolved organic matter conformation and its interaction with pyrene as affected by water chemistry and concentration

Author(s): Pan, B; Ghosh, S; Xing, BS

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Issue: 5 Pages: 1594-1599 Published: 2008

Times Cited: 0

60. Title: Characterization of organosulfates from the photooxidation of isoprene and unsaturated fatty acids in ambient aerosol using liquid chromatography/(-) electrospray ionization mass spectrometry

Author(s): Gomez-Gonzalez, Y; Surratt, JD; Cuyckens, F, et al.

Source: JOURNAL OF MASS SPECTROMETRY Volume: 43 Issue: 3 Pages: 371-382 Published: 2008

Title: Effect of silver on the photocatalytic degradation of humic acid

Author(s): Bansal, A; Madhavi, S; Tan, TTY, et al.

Source: CATALYSIS TODAY Volume: 131 Issue: 1-4 Pages: 250-254 Published: 2008

Times Cited: 0

62. Title: Variable toxicity of ionic liquid-forming chemicals to Lemna minor and the influence of dissolved organic matter

Author(s): Larson, JH; Frost, PC; Lamberti, GA

Source: ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY Volume: 27 Issue: 3 Pages: 676-681 Published: 2008

Article Number: ISSN 0730-7268 Article Number: ISSN 0730-7268

Times Cited: 0

63. Title: Hydrological control of dissolved organic carbon dynamics in a forested headwater catchment, Kiryu Experimental Watershed, Japan

Author(s): Kawasaki, M; Ohte, N; Kabeya, N, et al.

Source: HYDROLOGICAL PROCESSES Volume: 22 Issue: 3 Pages: 429-442 Published: 2008

Times Cited: 0

64. Title: Physical carbon-sequestration mechanisms under special consideration of soil wettability  
Author(s): Bachmann, J; Guggenberger, G; Baumgartl, T, et al.  
Source: JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE-ZEITSCHRIFT FUR PFLANZENERNAHRUNG UND BODENKUNDE Volume: 171 Issue: 1 Pages: 14-26  
Published: 2008  
Times Cited: 3
65. Title: Contribution of dissolved organic matter to carbon storage in forest mineral soils  
Author(s): Kalbitz, K; Kaiser, K  
Source: JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE-ZEITSCHRIFT FUR PFLANZENERNAHRUNG UND BODENKUNDE Volume: 171 Issue: 1 Pages: 52-60  
Published: 2008  
Times Cited: 2
66. Title: How relevant is recalcitrance for the stabilization of organic matter in soils?  
Author(s): Marschner, B; Brodowski, S; Dreves, A, et al.  
Source: JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE-ZEITSCHRIFT FUR PFLANZENERNAHRUNG UND BODENKUNDE Volume: 171 Issue: 1 Pages: 91-110  
Published: 2008  
Times Cited: 4
67. Title: Stabilization mechanisms of organic matter in four temperate soils: Development and application of a conceptual model  
Author(s): von Luetzow, M; Kogel-Knabner, I; Ludwig, B, et al.  
Source: JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE-ZEITSCHRIFT FUR PFLANZENERNAHRUNG UND BODENKUNDE Volume: 171 Issue: 1 Pages: 111-124  
Published: 2008  
Times Cited: 2
68. Title: Chemical transformations in to podzolic soils induced by alkaline and acidic emissions in the Swietokrzyski region of Poland  
Author(s): Swiercz, A  
Source: POLISH JOURNAL OF ENVIRONMENTAL STUDIES Volume: 17 Issue: 1 Pages: 129-138 Published: 2008  
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69. Title: Organic polyanions act as complexants of prion protein in soil  
Author(s): Polano, M; Anselmi, C; Leita, L, et al.  
Source: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS Volume: 367 Pages: 323-329 Published: 2008  
Times Cited: 0
70. Title: Potential of capillary zone electrophoresis for estimation of humate acid-base properties  
Author(s): Vanifatova, NG; Zavarzina, AG; Spivakov, BY  
Source: JOURNAL OF CHROMATOGRAPHY A Volume: 1183 Issue: 1-2 Pages: 186-191  
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Title: Optical enhancing properties of anisotropic gold nanoplates prepared with different fractions of a natural humic substance  
Author(s): Baigorri, R; Garcia-Mina, JM; Aroca, RF, et al.  
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Times Cited: 0

72. Title: Trace metal dynamic speciation studied by scanned stripping chronopotentiometry (SSCP)

Author(s): Domingos, RF; Lopez, R; Pinheiro, JP

Source: ENVIRONMENTAL CHEMISTRY Volume: 5 Pages: 24-32 Published: 2008

Times Cited: 0

73. Title: Application of saturation transfer double difference NMR to elucidate the mechanistic interactions of pesticides with humic acid

Author(s): Shirzadi, A; Simpson, MJ; Xu, Y, et al.

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Pages: 1084-1090

Published: 2008

Times Cited: 0

74. Title: Influence of EDDS on metal speciation in soil extracts: Measurement and mechanistic multicomponent modeling

Author(s): Koopmans, GF; Schenkeveld, WDC; Song, J, et al.

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Pages: 1123-1130

Published: 2008

Times Cited: 0

75. Title: Development of engineered natural organic sorbents for environmental applications. 4. Effects on biodegradation and distribution of pyrene in soils

Author(s): Tang, JX; Petersen, E; Weber, WJ

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 42 Pages: 1283-1289

Published: 2008

Times Cited: 0

76. Title: Photochemical production of molecular hydrogen in lake water and coastal seawater

Author(s): Punshon, S; Moore, RA

Source: MARINE CHEMISTRY Volume: 108 Pages: 215-220 Published: 2008

Times Cited: 0

77. Title: Effect of initial pH on the removal of humic substances from wastewater by electrocoagulation

Author(s): Koparal, AS; Yildiz, YS; Keskinler, B, et al.

Source: SEPARATION AND PURIFICATION TECHNOLOGY Volume: 59 Pages: 175-182

Published: 2008

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78. Title: Characterizing cultivable soil microbial communities from copper fungicide-amended olive orchard and vineyard soils

Author(s): Viti, C; Quaranta, D; De Philippis, R, et al.

Source: WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY Volume: 24 Issue: 3 Pages: 309-318 Published: 2008

Times Cited: 0

79. Title: Quasi-dynamic leaching characteristics of polychlorinated dibenzo-p-dioxins and dibenzofurans from raw and solidified waste incineration residues

Author(s): Hsi, HC; Wang, LC; Yu, TH, et al.

Source: CHEMOSPHERE Volume: 71 Issue: 2 Pages: 284-293 Published: 2008

Times Cited: 0

80. Title: Enhanced mobilization of field contaminated soil-bound PAHs to the aqueous phase under anaerobic conditions  
Author(s): Kim, HS; Lindsay, KS; Pfaender, FK  
Source: WATER AIR AND SOIL POLLUTION Volume: 189 Pages: 135-147  
Title: Projected stream water fluxes of NO<sub>3</sub> and total organic carbon from the Storgama headwater catchment, Norway, under climate change and reduced acid deposition  
Author(s): de Wit, HA; Wright, RF  
Source: AMBIO Volume: 37 Pages: 56-63 Published: 2008  
Article Number: ISSN 0044-7447 Article Number: ISSN 0044-7447  
Times Cited: 2
82. Title: The fate of terrestrial organic matter in two Scottish sea lochs  
Author(s): Loh, PS; Reeves, AD; Harvey, SM, et al.  
Source: ESTUARINE COASTAL AND SHELF SCIENCE Volume: 76 Pages: 566-579  
Published: 2008  
Times Cited: 0
83. Title: One-dimensional compression behavior of a soil with high organic matter content  
Author(s): Santagata, M; Bobet, A; Johnston, CT, et al.  
Source: JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING  
Volume: 134 Pages: 1-13 Published: 2008  
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84. Title: UV absorbance ratio index with size exclusion chromatography (URI-SEC) as an NOM property indicator  
Author(s): Her, N; Amy, G; Sohn, J, et al.  
Source: JOURNAL OF WATER SUPPLY RESEARCH AND TECHNOLOGY-AQUA Volume: 57 Pages: 35-44 Published: 2008  
Article Number: ISSN 0003-7214 Article Number: ISSN 0003-7214  
Times Cited: 0
85. Title: Evaluation of mixing conditions using an on-line monitoring technique  
Author(s): Kim, SG; Choi, KJ; Yu, PJ, et al.  
Source: KOREAN JOURNAL OF CHEMICAL ENGINEERING Volume: 25 Pages: 19-24  
Published: 2008  
Article Number: ISSN 0256-1115 Article Number: ISSN 0256-1115  
Times Cited: 0
86. Title: Effect of solution chemistry on the fouling potential of dissolved organic matter in membrane bioreactor systems  
Author(s): Liang, S; Zhao, Y; Liu, C, et al.  
Source: JOURNAL OF MEMBRANE SCIENCE Volume: 310 Pages: 503-511 Published: 2008  
Times Cited: 0
87. Title: Sorption and desorption of radiocobalt on montmorillonite - Effects of pH, ionic strength and fulvic acid  
Author(s): Chen, L; Lu, SS  
Source: APPLIED RADIATION AND ISOTOPES Volume: 66 Pages: 288-294 Published: 2008  
Times Cited: 0

88. Title: Structural study of the fulvic fraction during composting of activated sludge-plant matter: Elemental analysis, FTIR and C-13 NMR  
Author(s): Jouraiphy, A; Amir, S; Winterton, P, et al.  
Source: BIORESOURCE TECHNOLOGY Volume: 99 Pages: 1066-1072 Published: 2008  
Times Cited: 0

89. Title: Evaluation of a new peat-based sorbent for metals capture  
Author(s): Al-Faqih, L; Johnson, PD; Allen, SJ  
Source: BIORESOURCE TECHNOLOGY Volume: 99 Pages: 1394-1402 Published: 2008  
Times Cited: 0

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Author(s): Hatch, JL; Finneran, KT  
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