

BIBLIOGRAFIA

Aaberg R.J. , Osmotic power - a new and powerful renewable energy source, ReFocus, 4, 48–50; 2003

Alexandersson O., Living Water. V. Schuberger and the Secrets of natural Energy - Gateway Books, Bath, England, 1990

Alkhaddar, R.M., Cheong C.H., Phipps D.A., Andoh R.Y.G., James A. and Higgins P. (2001). The development of a mathematical model for the prediction of the residence time distribution of a hydrodynamic vortex separator. Novatech, Vol 2, pp835-842; 2001

Ambrosini, F., Indagine su differenze fisiche tra diversi campioni di H₂O con soluti ad alta diluizione, Tesi di laurea, A.A. 1994-95, Università degli studi di Bologna.

Anastas, P. T.; Zimmerman, J. B., Design through the 12 principles of green engineering. Environmental Science & Technology, 2003; 37 (5), 94A-101A.

Andoh RY1, Saul AJ., The use of hydrodynamic vortex separators and screening systems to improve water quality - Water Sci Technol.,47(4):175-83; 2003

Andoh, R.Y.G., Harper, I. and Hipwell, P.M. Meeting the E.C., Urban Wastewater Treatment Directive with Hydro Swirl-Flo™ Process. Chemical Water and Wastewater Treatment IV, Proceedings of the 7th Gothenburg Symposium, September 23–25, Edinburgh, Scotland, 1996

Aquagyro AB Pilotanlaggning i Alvsbyn, Aquagyro AB, Umea, 1991

Arena, Leonardo Vittorio, La filosofia di Novalis, Franco Angeli, 1986

Arrabito, G., and Pignataro, B. Inkjet printing methodologies for drug screening. Anal. Chem., ; 82, 3104-3107; 2010

Atharva Veda, Fallace T. and Coles A., Gender, Water and development, Oxford, New york: Berg, 2005

Atzori L.O., L'inquinamento idrico: aspetti tecnico-scientifici, igienico-sanitari, economico-sociali, ecologico-ambientali e normativi, Napoli, Sistemi editoriali, 2002

Baartmans F., Apah the sacre waters; an Analysis of Primordial Symbol in hindu Myths, Delhi, Br Publishing, 1990

Ball P., H₂O: A Biography of Water, Weidenfeld & Nicholson, 1999

Balzi, B., Basi per un protocollo relativo allo studio sperimentale del rilassamento spin-spin dei nuclei idrogeno in soluzioni acquose altamente diluite. Tesi di Laurea, A.A. 1996-97, Università degli studi di Bologna

Bartholomew A., Hidden Nature. The Startling Insights of Viktor Schauberger, Floris Books, Edinburgh, 2003

Bartholomew A., The Story of Water, Source of Life, Floris Book, 2010

Bateson G., Steps To An Ecology Of Mind, San Francisco- London, Chandler Publishing Company, 1972; trad. it. 1976, Verso un'ecologia della mente, Milano, Adelphi; seconda ediz. accresciuta 2000

Batmanghelidj, F., Your body's many cries for water, Global Health Solutions, Inc., 1995

Beauvais F., L'Âme des Molécules – Une histoire de la « mémoire de l'eau », Collection Mille Mondes (Lulu Press), 2007, 630 p., ISBN 978-1-4116-6875-11

Bejan A., Zane, J.P., Design in nature : how the constructal law governs evolution in biology, physics, technology, and social organization - New York, Anchor Books, 2013.

Belon P., Cumps J., Ennis M., Mannaioni P.F., Sainte-Laudy J., Roberfroid M., Wiegant F.A., Inhibition of human basophil degranulation by successive histamine dilutions; results of a European multi-center trial. Inflamm Res. 48 Suppl 1:S17-8, 1999

Benveniste J., Ma vérité sur la mémoire de l'eau (Publication posthume d'un essai de Jacques Benveniste), Jacques Benveniste, avec la collaboration de François Cote, Albin Michel, ISBN 2-226-15877-4; 2005

Benyus J.M., Biomimicry: Innovation Inspired By Nature, William Morrow & Co., New York, NY; 1997

Bergson H., L'Évolution créatrice, Paris, Alcan, 1907

Bernard Smisson, Design, Construction and performance of vortex overflows, Symposium on Storm Sewage Overflows, Institution of Civil Engineers, 1967

Bigatti G. et al., L'acqua e il gas in Italia, Franco Angeli, 1997

Bilancio di Sostenibilità 2010 SMAT, Responsabilità Economica Sociale e Ambientale – Gruppo Società Metropolitana Acque Torino, 2010

Bistagnino L., Design per un nuovo umanesimo, in: Claudio Germak, (a cura di), Uomo al centro del progetto. Design per un nuovo umanesimo, Allemandi & C., Torino, 2008, pp. 9-18.

Bistagnino L., Systemic Design: Designing the productive and environmental sustainability. Slow Food® Editore srl, 2011

Bologna G., Manuale della Sostenibilità: idee, concetti, nuove discipline capaci di futuro, Edizioni Ambiente, Milano, 2005

Briggs J., Peat D., Looking Glass Universe – The Emerging Science of Wholeness. William Collins Sons & Co. LtD, Glasgow, 1984

Brombach, H., Solids Removal from Combined Sewer Overflows with Vortex Separators. Proceedings of NOVATECH '92 International Conference on Innovative Technologies, in the Domain of Urban Water Drainage, Lyon, France, 447–459; 3–5 November 1992

Brown L. R., Expanding Deserts, Falling Water Tables, and Toxic Pollutants Driving People from Their Homes - Earth Policy Institutes, 2011

Boustead I., Hancock G.F., Handbook of industrial energy analysis, John Wiley & Sons, New York, 1979

Butera F.M., Dalla caverna alla casa ecologica, Storia del comfort e dell'energia, Edizione Ambiente, Milano 2004

Capra F., The Turning Point, Simon and Schuster, New York, 1982 (trad. it. Di Libero Sosio, Il punto di svolta, Feltrinelli, Milano 1984, 2000)

Capra F., The Web of Life, Doubleday-Anchor Book, New York, 1996, (trad. It. Di Carlo Capararo, La rete della vita, SuperBur Scienza, 2001)

Carson R., Silent Spring - Houghton Mifflin, 1962

Cartlidge E., Water's mysteries explained. New Scientist, ; 205, 2746, 32; 2010

Castellani V., Acqua, acquedotti e qanat - Opera Ipogea, Erga Edizioni, 2001

Chaplin M., Water: its importance to life. Biochem. and Molec. Biol. Education, 29, 54; 2001

Chaplin, M. F., A proposal for the structuring of water. Biophys. Chemist., 83 (3), 211-221; 2000

Chladni E., Entdeckungen über die Theorie des Klanges, 1787

Citro M., Emoto M., La Scienza dell'Invisibile Nella memoria dell'acqua i farmaci del futuro, Macro Edizioni, 2011

Coats C., Energy Evolution, New Leaf, Dublin, 2000

Coats C., Living Energies. Gateway Books, Bath, UK, 1996

Coccagna L., Ziglio G., Piccoli sistemi di potabilizzazione, guida alla scelta del trattamento più appropriato, Franco Angeli, Milano, 2008

Coexter H.S.M., The Golden Section, Phyllotaxis, and Wythoff's Game, in Scripta Mathematica, n.19, pp. 135-143; 1953

Consigli P., L'acqua pura e semplice, Tecniche Nuove Ed, 2005

Cook T.A., The curves of life being an account of spiral formations and their application to growth in nature, to science and to art; with special reference to the manuscripts of Leonardo da Vinci, Constable, London, 1914

Corradi M., I quattro elementi: Aria, Acqua, Terra e Fuoco - Morrisville, North Carolina: Lulu Press Inc., 2008; p. 164, ISBN: 978-1-4092-2642-0.

D.Lgs. 31/2001 come recepimento della Direttiva Europea 98/83/CE

Daiger, G.T., Rittmann, B.E., Adham, S. & Andreottola, G. Are membrane bioreactors ready for widespread application, Environ. Sci. Technol., 39, 399A-406A; 2005

Dasgupta P., Human Well-being and the Natural Environment, Oxford University Press, 2001

Davenas E., Beauvais F., Amara J., Oberbaum M., Robinzon B., Miadonna A., Tedeschi A., Pomeranz B., Fortner P., Belon P., Sainte-Laudy J., Poitevin J. & Benveniste J., Human basophil degranulation triggered by very dilute antiserum against IgE, Nature 333, 816-818 (30 June 1988)

De Toni A.F., Comello L., Prede o ragni. Utet, Torino, 2005

Del Giudice E., G. Preparata, G. Vitiello, Water as a free laser dipole, in: Physical Review Letters, 61, pp 1085-1088; 1988

Del Giudice E., M. Fleischmann and G. Preparata, QED coherence and electrolyte solutions - 1999

Del Giudice E., P. R. Spinetti, A. Tedeschi, La dinamica dell'acqua all'origine dei processi di metamorfosi degli organismi viventi, Water, 2010; ISSN 2073-4441

Del Giudice E., Old and new views on the structure of matter and the special case of living matter. Journal of Physics: conference Series, 67: 012006; 2007

Del Giudice E., Preparata G., A new QED picture of water: understanding a few fascinating phenomena - in the volume, Macroscopic Quantum Coherence, Singapore: (eds. Sassaroli et al.) World Scientific, 108-129; 1998

Del Giudice E., Tedeschi A., Water and the autocatalysis in living matter, Electromagnetic Biology and Medicine, 28, 46; 2009

Del giudice, A Tedeschi, La respirazione dell'acqua come base della dinamica della vita, 2010

Del Giudice, E.; Fuchs, E.C.; Vitiello, G. Collective molecular dynamics of a floating water bridge. Water Journal.org, , 2, 69-82; 2010

Del Giudice, E.; Pulselli, R.M.; Tiezzi, E. Thermodynamics of irreversible processes and Quantum Field Theory: An interplay for the understanding of ecosystem dynamics. Ecol. Model., , 220, 1874-1879; 2009

Demangeat, J.L, C.Demangeat, P.Gries, B. Poitevin, N. Costantinesco, "Modifications des temps de relaxation RNM à MHz des protons du solvant dans les très hautes dilutions salines des silice/

lactose", in J.Med.Nucl:biophy., vol. 16,2, pp. 135-142; 1992

Denisov, A.B., Algorithm for evaluation of crystal figures obtained after drying of mixed saliva. B. Epx. Biol. Med., 137 (7), 30-33; 2004

Deratani, A., Li, C. L., Wang, D. M. & Lai, J. Y. New trends in the preparation of polymeric membranes for liquid filtration. Ann. Chim.-Sci. Mater., 32, 107-118 ; 2007

Deryaguin B.V., Landau L., Acta Physicochim. URSS 14 633; 1941

Deryaguin B.V., Landau L., Sov. Phys. JETP 15 633; 1945

Di Paul Bourgine,Annick, et. Al.: Morphogenesis: Origins of Patterns and Shapes, Springer Complexity, 2010

Di Yunjie Li, Development of Design Basis for Hydrodynamic Vortex Separators - Proquest, Umi Dissertation Publishing, 2011

Direttiva 2000/60/CE del Parlamento Europeo e del Consiglio, del 23 ottobre 2000

Direttiva 2006/118/CE: per i pesticidi e i relativi prodotti di degradazione i limiti sono uguali a quelli per l'acqua potabile, pari a 0,1 µg/l e 0,5 µg/l, rispettivamente per la singola sostanza e per la somma delle sostanze.

Direttiva 2008/105/CE: per tutti i singoli pesticidi (inclusi i metaboliti) non specificati in tabella 1/B (alcune sostanze non appartenenti all'elenco di priorità) si applica il limite di 0,1 µg/l e per la somma dei pesticidi il limite di 1 µg/l (fatta eccezione per le risorse idriche destinate ad uso potabile per le quali il limite è 0,5 µg/l).

Douady S., Couder Y. ,Phyllotaxis as a Physical Self Organized Process, in Physical Review Letters, n.68 pp. 2098-2101; 1992

Dugas, V., Broutin, J., and Souteyrand, E., Droplet evaporation study applied on DNA chip manufacturing. Langmuir, 21, 9130-9136; 2005

Ebeling W., Chaos, Ordnung, Information. Verlag Harri Deutsch, Frankfurt a. M., 1991

Edlund I. E. M., The Gods and Place: Location and function of Sanctuaries in the Countryside of

Etruria and Magna Grecia (700-400 B.C.), Göteborg, pp. 30-4; 1987

Edwards L., The Vortex of Life, Floris Press, Edinburgh, 1993

Edwards L., Projective Geometry, Rudolf Steiner Institute, Phoenixville, 1985

EEA: Water Resources across Europe-confronting water scarcity and drought. EEA Report No 2/2009

Elia V., Ausanio G., De Ninno A., Germano R., Napoli E., Niccoli M., Experimental Evidences of Stable Water Nanostructures at Standard Pressure and Temperature Obtained by Iterative Filtration, WATER Journal 5, 121-130, 2013

Elia V, Ausanio G, De Ninno A, Gentile F, Germano R, Napoli E, Niccoli M., Experimental Evidence of Stable Aggregates of Water at Room Temperature and Normal Pressure After Iterative Contact with a Nafion® Polymer Membrane. WATER Journal, 2013

Elia V., Niccoli M., Thermodynamics of Extremely Diluted Aqueous Solutions, Annals of the New York Academy of Sciences, 827:241-248; 1999

Elia V., Cattaneo T.M.P., Vero S., Napoli E., Influence of Filtration Processes on Aqueous Nanostructures by NIR Spectroscopy, J. Chem. Chem. Eng., 5, 1046-1052; 2011

Elia, V.; Napoli, E.; Niccoli, M., A Molecular Model of Interaction between Extremely Diluted Solutions and NaOH Solutions Used as Titrant. Conductometric and pH metric Titrations. Journal of Molecular Liquids, 149, 45-50; 2009

Emerson Process Management: Water and Wastewater Industry, Application Data Sheet. ADS 4950-01/rev.G January 2009.

Europe's water: An indicator-based assessment Summary, ISBN 92-9167-576-8 © EEA, Copenhagen, 2002

Fagan B., Elixir: A History of Water and Humankind, Bloomsbury Publishing USA, 2011

Fossel, Michael B., Cells, Aging, and Human Disease. Oxford University Press.; p. 504. ISBN 978-0-19-514035-4.; page 24; 2004

Fung Yu-Lan, A History of Chinese Philosophy, Princeton University Press, Princeton, vol I, p. 167; 1983

Gallini Zitti P., Acqua e Islam, Tesi di Laurea – Facoltà di Scienze Umanistiche, Università degli studi di Bergamo. A.A. 2006/2007

García-Ruiz J.M., Melero-García E., Hyde S.T., Morphogenesis of Self-Assembled Nanocrystalline Materials of Barium Carbonate and Silica, Science, 323, 362; 2009

Garrison A.W., Pope J.D., Allen F.R., GC/MS analysis of organic compounds in domestic wastewaters. In: Keith LH, ed. Identification and analysis of organic pollutants in water. Ann Arbor, MI, Ann Arbor Science Publishers Inc., pp. 517–556; 1976

Georgescu-Roegen N., Inequality, Limits and Growth from a Bioeconomic Viewpoint – Review of Social Economy, XXXV; 361-75; 1977

Germano R., Aqua: L'acqua elettromagnetica e le sue mirabolanti avventure – Bibliopolis, 2007

Gilli F., Islam, water conservation and public awareness campaigns; University of Ca' Foscari, Venezia, 2004

Gleeson T., Wada Y., Bierkens M. F. P., van Beek L. P. H., Sustainable water balance of global aquifers revealed by groundwater footprint, Nature, 488, 197–200; 2012

Gleick J., Chaos, Making a new science, Viking Penguin, NY, 1987

Goethe J.W., Canto degli spiriti sulle acque, tutte le poesie.

Gowen A.A., Tsenkova R., Bruen M., O'Donnell C., Vibrational Spectroscopy for Analysis of Water for Human Use and in Aquatic Ecosystems, Environmental Science and Technology, 42:2546–2573; 2012

Gregory R. B. , “Protein solvent interaction” (Marcel Dekker, New York) 1995

Gross P., Wasser, 2000: <http://www.wasserinformationen.de/wasserinformationen/erfahrungen/index.html>

Hacheney F., Levitettes Wasser und Forschung in Anwendung, Dingfelder Verlag , Andechs, 1992

Hammer R., Untersuchung von Effekten in energetisiertem Wasser unter der Berücksichtigung der räumlich mikrobiologischer, Physikalischer und pflanzenbiologischer Aspekte, Diplomarbeit, Universität für Bodenkultur und Medizinische Universität, Wien, 2004

Hans J. L., Vortex Flow in Nature and Technology, John Wiley & Sons, N.Y., 1983

Hawken P., Lovins A., Lovins L.H., Capitalismo naturale. La prossima rivoluzione industriale, editore Edizioni Ambiente, 2001

Henderson MA, The interaction of water with solid surfaces: Fundamental aspects revisited. Surface Science Reports, 46: 1-308; 2002

Henniker, J.C., The depth of the surface zone of a liquid. Rev. Mod. Phys. , 21, 322-34; 1949

Hidiroglou P., Acqua Divina , Edizioni Mediterranee, 2007

Hignite C., Azarnoff D.L., Drugs and drug metabolites as environmental contaminants: chlorophenoxyisobutyrate and salicylic acid in sewage water effluent. Life Sciences, 20(2):337–341; 1977

Ho MW., Quantum coherent water & life. Science in Society, 51: 26-28; 2011

Ho MW., The Rainbow and the Worm, the Physics of Organisms, World Scientific, Singapore, London, 1993

Hoekstra, A.Y. and Chapagain, A.K., Globalization of water: Sharing the planet's freshwater resources, Blackwell Publishing, Oxford, UK. 2008

Hoekstra, A.Y. and Mekonnen, M.M., The water footprint of humanity, Proceedings of the National Academy of Sciences, 109(9): 3232–3237; 2012

Hoekstra, A.Y. e Mekonnen, M.M., The water footprint of humanity, Proceedings of the National Academy of Sciences, doi/10.1073/pnas.1109936109; 2012

Hoekstra, A.Y., Chapagain, A.K., Aldaya, M.M. e Mekonnen, M.M., The water footprint assessment manual: Setting the global standard, Earthscan, Londra, Regno Unito. Water Footprint Network, 2011

Holloway R.W. , Cath T.Y. ,Dennett K.E. , Childress A.E., Forward osmosis for concentration of anaerobic digester centrate, in: Proceedings of the AWWA Membrane Technology Conference and Exposition, Phoenix, AZ, 2005

Holst U., Die Geheimnisse der Wasserbelebung , Gioia Verlag , Sulzberg, 2004

Hu, H., and Larson, R.G., Marangoni effect reverses coffee-ring deposition. J. Phys. Chem., 2006; B 110, 7090-7094.

Imhoff K., Manual of Urban Sewarage 25. R. Oldendurg Verlag, Munich - Vienna, 1979

Isaacs E.D., Shukla A., Platzman P.M., Hamann D.R., Barbiellini B., Tulk C.A., Covalency of the Hydrogen Bond in Ice: A Direct X-Ray Measurement, Phys. Rev. Lett., 82, 600; 1999

Jenny H., Kymatic, Vol. 1 , 1967 – Jenny H., Kymatic, Vol. 2, 1972

Jhon, M.S., The Water Puzzle and the Hexagonal Key, Uplifting Press, 2004

Ji N., Ostroverkhov V., Tian CS., Shen YR., Characterization of Vibrational Resonances of Water-Vapor Interfaces by Phase-Sensitive Sum-Frequency Spectroscopy, Phys Rev , Lett 100, 096102; 2008

Johansson L., Ovesen M., Hallberg C., Self-organizing Flow Technology in Viktor Schauberger's Footsteps, IET Malmo, ISBN 91-631-2611-7 - ISSN 1651-4629; 2002

Josephson B.D., Molecular memories, New Scientist, 1997

Katayama S., Aging Mechanism Associated with a Function of Biowater. Physiol Chem Phys & Med NMR 24:43-50, 1992

Khun T.S., The Structure of Scientific Revolutions, Chicago, 1970 (trad. it. La struttura delle rivoluzioni scientifiche, Einaudi, Torino 1978).

Kim J.M., Yokoyama K., Effects of Alkaline ionized Water on Spontaneously diabetic GK-rats fed Sucrose, Korean J. of Lab. Anim. Sci. 13(2), 1997

Kimmel G.A., Matthiessen J., Baer M., Mundy C.J., Petrik N.G., Smith R.S., Dohnalek Z., and Kay B.D., No Confinement Needed: Observation of a Metastable Hydrophobic Wetting Two-Layer Ice on

Graphene. JACS, 131, 12838-12844; 2009

Klyuzhin I., Symonds A., Magula J., Pollack G.H., A new method of water purification based on the particle-exclusion phenomenon. Environ Sci and Technol., 42(16): 6160-6166; 2008

Kokornaczyk M.O., Dinelli G., Marotti I., Benedettelli S., Nani D., Betti L., Self-assembled crystallization patterns from evaporating droplets of common wheat grain leakages. The Scientific World Journal, 2011; 11, 1712-1725.

Kolpin D.W., Pharmaceuticals, hormones, and other organic wastewater contaminants in U.S. streams, 1999–2000: a national reconnaissance. Environmental Science & Technology, 2002; 36:1202–1211.

Kullberg S., Vattenströmning i spiralformade och koniska rör – stömningsförsök med anknytning till Viktor Schaubergers teorier, Trita-Kut 3013, Masters Thesis, Department of Land Improvement and Drainage, Royal Institute of Technology, Sweden, 1982

Kuznetsov Y.A., Elements of applied bifurcation theory. Springer – Verlag, 1995.

La Cecla F., Perdersi, Laterza, 2005 cit., pp. 62-63

Laszlo E., Evoluzione. Feltrinelli, Milano, 1986

Laureano P., Atlante d'acqua, conoscenze tradizionali per la lotta alla desertificazione, Bollati Boringhieri, Torino, 2001

Lauterwasser A., Wasser Klang Bilder. AT Verlag. Aarau - München. Germany, 2003

Lawrence E., The Vortex of Life: Natures Patterns in Time and Space, Floris Books, 1993

Leibniz G.W., De Arte Combinatoria (On the Art of Combination), 1666.; parzialmente tradotto in Loemker and Parkinson (1966)

Leopold A., Almanacco di un mondo semplice, trad. di G. Arca e M. Maglietti, Como: Red, 1997

Licata, I., Epistemologia Adattativa: Vedere con i Modelli, RetiSaperiLinguaggi, 2012; 4, 1, 9-16.

Ling GN, Life at the Cell and Below-Cell Level: The Hidden History of a Fundamental Revolution

in Biology. Pacific Press, NY.

Lippincott E.R., Stromberg R.R., Grant W.H., Cessac G.L., Polywater, Science, 1969; 164, 1482-1487

Livio M., La sezione aurea, storia di un numero e di un mistero che dura da tremila anni, Biblioteca Universale Rizzoli, Milano, 2002

Lo S.Y., Anomalous state of ice. Modern Physics Letter, 1996; B 10: 909-19.

Lovelock James, Gaia: a New Look at Life on Earth, Oxford 1979 (trad. it., Gaia. Nuove idee sull'ecologia, Bollati Boringhieri, Torino 1981).

Lowenthal, D., George Perkins Marsh: Prophet of Conservation. Seattle, University of Washington Press, 2000

Ludwig W., Alle Lebensprozesse sind unmittelbar mit dem Wasser verbunden. Daher kommt dem Wasser in der Umweltproblematik eine besondere Stellung zu. In: Talkenberger, Peter P., Treven, Michael: Umweltmedizin - Ein neues Zeitalter der Gesundheit, Möwe Verlag, Idstein, 1991; pp 71-79

Lugt H.L., Vortex Flow in Nature and Technology, John Wiley & Sons, N.Y., 1983

Lyotard F., La condition postmoderne, Minuit, Paris, 1979

Magat, M., Change of properties of water around 40° C, J. Phys Radium, 1935

Mallamace F., Stanley H.E., "The Physics of Complex Systems" (IOS Press, Amsterdam) 1997; "The Physics of Complex Systems (New advances and Perspectives)" (IOS Press, Amsterdam) 2004.

Mallamace F., Corsaro C., Stanley H. E., "Possible Relation of Water Structural Relaxation to Water Anomalies," Proc. Natl. Acad. Sci. USA, 2013; 110, 4899-4904

Mandelbrot B., da Les objects fractals - Presses Universitaires de France, Paris, 1975

Mantelli F., Temporelli G., L'Acqua nella storia, Franco Angeli, 2008

Margulis L., Sagan D., *Microcosmos*, Summit, New York, 1986, (trad.it. di Lucia Maldacea, *Microcosmo*, Mondadori, Milano, 1989)

Martusevich, A.K., and Kamakin, N.F., Crystallography of biological Fluid as a method for evaluating its physiochemical characteristics. *B. Epx. Biol. Med.*, 2007; 143 (3), 385-388.

Masotti L., Verlicchi P., *Depurazione delle acque di piccole comunità, tecniche naturali e tecniche impiantistiche*, Hoelpi, Milano, 2005

Maturana, F.G. Varela, *Autopoiesis: the organization of the living* - Santiago, Chile: Editorial Universitaria, 1972.

Mazzarella A., Fortelli A., *Elementi di meteorologia e climatologia*. Aracne, 2011

McDonoug W., Braugart M., *Cradle to Cradle*, North Point Press, New York, 2002, (trad.it. di Elisa Banfi, *Dalla Culla alla Culla*, Blu edizioni, Torino, 2003)

McGeoch JEM and McGeoch MW, Entrapment of water by subunit c of ATP syntase. *Inetrface (Roy. Soc.)* 2008; 5(20): 311-340

McNeill John R., Qualcosa di nuovo sotto il sole. *Storia dell'ambiente nel XX secolo*, (trad. Arlorio P.), Einaudi, 2002

Meadows D. H., Meadows D. L., Randers J., Behrens III W.W., *The Limits to Growth*, 1972. (traduzione italiana: D. H. Meadows; D. L. Meadows; J. Randers; W. W. Behrens III, *I limiti dello sviluppo*, 1972.)

Michaelides A. and Morgenstern K., Ice nanoclusters at hydrophobic metal surfaces. *Nature Mater.* 2007; 597-601

Mizaikoff,B., Infrared optical sensors for water quality monitoring - *Water Sci. Technol.* 2003; 47, 35–42

Montagnier L., Aissa J., Del Giudice E., Lavallee C., Tedeschi A., Vitiello G., DNA waves and water, 2011 *J. Phys.: Conf. Ser.* 306 012007

Montagnier L., Aïssa J., Ferris S., Montagnier J. L., Lavallée C., Electromagnetic Signals Are Produced by Aqueous Nanostructures Derived from Bacterial DNA Sequences. *Interdiscip. Sci.*

Comput. Life Sci. 2009, 1, 81-90.

Morin, E., La méthode. I. La nature de la nature, Paris 1977

Morowitz H., Beginning of cellular life, Yale University Press, 1992

Mu Shik Jhon, The water puzzle and the hexagonal key, Uplifting Press, Inc, 2004

Munćan J., Comparative study on structure and properties of water by infra red and opto-magnetic spectroscopy, Contemporary Materials, 2012; III□1

Naess A., The Shallow and the Deep, Long-Range Ecology Movement: A Summary, in "Inquiry" (1973), (trad. it., Il movimento ecologico: ecologia superficiale ed ecologia profonda, in M. Tallacchini, Etiche della terra, Vita e Pensiero, Milano 1998, pp. 143-149).

Nemethy G & Scheraga H A., Structure of water and hydrophobic bonding in proteins. 1. A model for the thermodynamic properties of liquid water.J. Chem. Phys. 36:3382-400, 1962

Noorduin W.L., Grinthal A., L. Mahadevan L., Aizenberg J., Rationally Designed Complex, Hierarchical Microarchitectures, Science 2013; 340, 832

Pangman MJ. , Hexagonal Water: The Ultimate Solution, Uplifting Press Inc., 2005

Paolini T., Acqua viva. Per una nuova coscienza dell'acqua, Fontana Editrice, 2012

Papanek V., Design for the real world. Human ecology and social change; trad. it. 1973

Paul J.B., Collier C.P., Saykally R.J., Direct Measurement of Water Cluster Concentrations by Infrared Cavity

Ringdown Laser Absorption Spectroscopy. J.Phys. Chem. 1997; A 101: 5211-5214

Pauling L., the nature of chemical Bond, Cornell Un press, 1960

Phipps D.A., Alkhaddar R.M., Loffill E., Andoh R.Y.G and Faram M.G. - Efficiency testing of a hydrodynamic vortex separator, 11th International Conference on Urban Drainage, Edinburgh, Scotland, UK, 2008

Piccardi G., The chemical Basis of medical climatology, di C. Thomas, 1962

Piccardi G., The influence of terrestrial, solar and cosmic phenomena on physical-chemical and biological reactions. *Ciel et Terre* 1956; 72, 551-564

Piccardo H.R., Il Corano, Revisione e controllo dottrinale U.C.O.I.I., Edizioni Newton&Compton su licenza Al Hikma, 1997.

Pisano, W. C.; Thibault, N.; Forbes, G., The Vortex Solids Separator. *Water Environ. Technol.*, 1990; 5, 64–71.

Platone, Leggi II, 664E, 5°-4° secolo a.C.

Polchinski J., String Theory, Cambridge University Press, 1998.

Pollack G. H., Cells, gels and the engines of life, Ebner and Sons, Seattle, USA, 2001

Pollack G.H., The Fourth Phase of Water: Beyond Solid, Liquid, and Vapor, Ebner & Sons, Seattle, USA, 2013

Pöpel F., A preliminary report on experiments with spiral tubes with different forms. Firstly published as: Wendelröhren mit verschniedener Wandform. Internal report, Institute of Health Technology, Technical University, Stuttgart 1952.

Pople, J. A., Molecular Association in Liquids: II. A Theory of the Structure of Water, *Proceedings of the Royal Society*, 1951; A 205 (1081)

Popp F.A., Wasser und biologische Information, in: Engler I. 1989 Wasser. Polaritätsphänomen, Informationsträger, Lebens-Heilmittel, Sommer- Verlag GmbH, Teningen, 1989

Preparata G., L'Acqua, la Coerenza Elettrodinamica Quantistica e l'Origine della Vita, 2005

Preparata G., QED Coherence In Matter, World Scientific, 1995

Prigogine I., Stengers I., La nuova alleanza. Metamorfosi della scienza, 1981

Prigogine, I., Nicolis, G., Self-Organization in Nonequilibrium Systems From Dissipative Structures to Order through Fluctuations, John Wiley & Sons, NY, 1977

Rivier N. ,Occelli R., Pantaloni J., Lissowdki A., Structure of Binard Convection Cells, Phyllotaxis and Crystallography in Cylindrical Symmetry, in Journa Physique,1984; n.45, pp.49-63

Rockström, J., W. Steffen, K. Noone, Å. Persson, F. S. Chapin, III, E. Lambin, T. M. Lenton, M. Scheffer, C. Folke, H. Schellnhuber, B. Nykvist, C. A. De Wit, T. Hughes, S. van der Leeuw, H. Rodhe, S. Sörlin, P. K. Snyder, R. Costanza, U. Svedin, M. Falkenmark, L. Karlberg, R. W. Corell, V. J. Fabry, J. Hansen, B. Walker, D. Liverman, K. Richardson, P. Crutzen, and J. Foley. Planetary boundaries:exploring the safe operating space for humanity. *Ecology and Society*, 2009; 14(2): 32.

Rohani M., Pollack G.H., Flow through horizontal tubes submerged in water in the absence of a pressure gradient: Mechanistic considerations. *Langmuir* 2013; 29(22):6556-61.

Rontgen, W.K. The structure of liquid water. *Ann. Phys.* 1892, 45, 91-97

Roy R., Tiller W.A., Bell I., Hoover M.R., The Structure Of Liquid Water; Novel Insights From Materials Research; Potential Relevance To Homeopathy, *Materials Research Innovations*, 2005; 904, 93-124.

Rupley J. A. , Yang P. H., Tollin G., "Water in Polymers", edited. by S. P. Rowland, *ACS Symp. Ser.* 1980

Samal A., Geckeler K.E., Unexpected solute aggregation in water on dilution. *Chemical Communications*, 2001; 21, 2224-2225

Satapatha Brahmani, VI, 8, 2, 2; XII, 5, 2, 14

Saul, A.J., Ruff, S.J., Walsh, A.M. and Green, M.J.. Laboratory Studies of CSO Performance. WRc Report No. UM, 1421, October, Swindon, UK, 1993

Schauberger V., *Nature as Teacher – New Principles in the Working of Nature*. Gateway Books, Bath, U.K., 1998

Schuetze, T.; Ecological water and sanitation systems in remodelled urban housing estates in Europe and Asia; proceedings International Conference Sustainable Water Management - Meda Water,Tunis, Tunesia, 21.-24.03.2007, pp. 63 - 68

Schwenk T., *Bewegungsformen des Wassers*, Verlag Freies Geistesleben, Stuttgart, Germany,

1967

Schwenk T., Sensitive Chaos: The Creation of Flowing Forms in Water and Air, Rudolph Steiner Pr; Revised edition, 1996

Schwenk T., Water – The Element of Life. Anthroposophic Press. Bell's Pond. Hudson. New York, 1989

Schwuchow J., Wilkes J., Giorgetti C., Trousdell I., Trousdell A., Flowform Water research, 1970-2007 A collation Research and Related Ideas, Healing Water Institute, 2008

Shannon M. A., Bohn P.W., Elimelech M., Georgiadis J.G., Marinas B.J. & Mayes A.M., Science and technology for water purification in the coming decades, Nature, 2008; Vol 452/20

Schiff M., Un cas de censure dans la Science : l'affaire de la mémoire de l'eau, Albin Michel, 1994

Shiva Vandana, Le Guerre dell'Acqua, Feltrinelli, 2004

Shnoll S., Physico-chemical factors of biological evolution, Moscow, 1979.

Silvestroni P., Fondamenti di chimica, 10^a ed., CEA, 1996

Spaggiari P., Trebbia C., Medicina quantistica. La medicina attraverso la fisica dei quanti - Tecniche Nuove, Milano 2005

Spaggiari P., Trebbia C., Le meraviglie dell'acqua, il mistero biofisico che ci dona la vita; Tecniche Nuove ed. 2007

Sullivan R. H., Ure J. E., Parkinson F., Zielinski P., Design Manual—Swirl and Helical Bend Pollution Control Devices; EPA-600/8-82-013; U.S. Environmental Protection Agency: Edison, New Jersey, 1982

Szent-Gyorgyi, A., Introduction to a Supramolecular Biology; Academic Press: New York, NY, USA, 1960

Tabak H.H., Bunch R.L., Steroid hormones as water pollutants. I. Metabolism of natural and synthetic ovulation-inhibiting hormones by microorganisms of activated sludge and primary settled sewage developments, in Industrial Microbiology, 1970; 11:367–376.

Tamborrini P., Tartaro G., Design Sostenibile – Treccani.it - XXI Secolo, 2010

Tedeschi, A. Is the living dynamics able to change the properties of water? Int. J. Des. Nat. Ecodyn. 2010, 5, 60-67

Terza relazione di follow-up sulla comunicazione “Affrontare il problema della carenza idrica e della siccità nell’Unione europea” – COM(2007) 414 definitivo

The Millennium Development Goals Report 2011

Thomas Y., et al. Medical Hypotheses, 2000; 54: 33 – 39

Thompson, D’Arcy, On Growth and Form. Cambridge University Press. Cambridge, 1942

Todd J., Todd N., From Eco-cities to Living Machines, Principles of Ecological Design, Nort Atlantic Books, 1993

Tseropoulos G., Dimakopoulos Y., Tsamopoulos J., Lyberatos G., On the flow characteristics of the conical Minoan pipes used in water supply systems, via computational fluid dynamics simulations, Journal of Archaeological Science, Volume 40, Issue 4, April 2013, Pages 2057–2068

UN: Revision of the World Population Prospects, United Nations publication, Sales No. E.13. XIII.7, 2012

UNDP - United Nations Development Programme

UNESCO, Divisione Scienze dell’Acqua, Parigi – Francia. Basics of Water Resources. Course Book. United Nations Environment Programme – Vital Water Graphics: An Overview of the State of the World’s Fresh and Marine Waters, second edition, 2008

UNEP, GEO 4 Environment for Development; GEO-4 Fact Sheet 6; 2007

Veerapaneni S., Long B., Freeman S., Bond R., Reducing energy consumption for seawater desalination. J. Am. Water Works Assoc., 2007; 99, 95-106

Verwery E.J. , Overbeek T., Theory of the Stability of Lyophobic Colloids, Elsevier, Amsterdam, 1948

Vincent L.C., Bio-Electronique. Definition des trois Facteurs prphoniques: pH, rH2 et r; Revue de Phatologie Générale et de Phisiologie Clinique, 1956

Vincent L.C., L'eau - Source de santé et de vie, Paris, France, 1956

Vitiello G., Essere nel mondo: io e il mio doppio, Atque, 2008

Vitruvio, De architectura, VIII, 4

Voeikov V.L., Ming H.D., Mukhitova O.G., Vilenskaya N.D., Malishenko S.I., Bogachuk A.S., Activated bicarbonate solutions as models of confined ontic open systems and prototypes of living respiring systems. Int. J. Des. Nat. Ecodyn. 2010, 5, 30-38

Voithofer M., Einfluss informierter Wasser auf Wachstum und Erträge sowie auf Deren Vitalqualität, Diplomarbeit am Institut für ökologischen Landbau der Universität für Bodenkultur , Wien, 2004

Volksytein M. V., The amount and value of information in biology, Found. of phys, 1977; 7, 105

Von Bertalanffy L., General System Theory, Braziller, New York, 1968 (trad. it. Teoria generale dei sistemi, Oscar Mondadori, Milano 2004).

Watkins K., Human Development Report, Beyond scarcity: power, poverty and the global water crisis, UNDP, New york, 2006

Werdenberg N., Handling water, an approach to holistic river rehabilitation design, FHNW, 2007

Wernet Ph. , Nordlund D. , Bergmann U., Cavalleri M., Odelius M., Ogasawara H., Näslund L. Å., Hirsch T. K. , Ojamäe L. , Glatzel P. , Pettersson L. G. M., Nilsson A., The structure of the first coordination shell in liquid water, Scienceexpress 1 April 2004; 10.1126/science.1096205 ; Science, 2004; 304, 995-999

WHO, Guidelines for Frinking Water Quality, Derde Editie, 2003

Wiggins P.A., Dame R.T., Noom M.C., and Wuite G.J., Protein-mediated molecular bridging: a key mechanism in biopolymer organization. Biophys J. (2009) 97,1997-2003

Wiggins P., Life Depends upon Two Kinds of Water. PLoS ONE, 2008; 3(1) e1406

Wilkes J., Flowforms: The Rhythmic Power of Water, Floris Books, Edinburgh, 2003 (2nd Edition 2005)

World Water Assessment Programme, WWAP

Wu P., Christidis N., Stott P., Anthropogenic impact on Earth's hydrological cycle, *Nat. Clim. Chang.*, vol. 3, no. 9, pp. 807–810, 2013.

Yunjie Li, Development of Design Basis for Hydrodynamic Vortex Separators, Proquest, Umi Dissertation Publishing, 2011

Zhang, J., Kim, S.K., Sun, X., and Lee, H., Ramified fractal-patterns formed by droplet evaporation of a solution containing single-walled carbon nanotubes. *Colloid. Surface. 2007 - A* 292, 148-152.

Zheng J.M., Pollack G.H., Long range forces extending from polymer surfaces. *Phys Rev E.*, 2003; 68:031408

Zheng J.M., Chin W.C., Khijniak E., Khijniak E. Jr, Pollack G.H., Surfaces and interfacial water: evidence that hydrophilic surfaces have long-range impact. *Adv Colloid Interface Sci*, 2006; 127(1):19-27

Zuccato E., dalla Conferenza "Inquinanti emergenti nelle acque" - Dipartimento Ambiente e Salute, Istituto di Ricerche Farmacologiche "Mario Negri", Milano - 9 marzo 2012.

Zürcher E., Conference on the Physics, Chemistry and Biology of Water, Pamporovo, Bulgaria , 9 – 12.Oct. 2014

