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Autore	Anisio, Giano				
Titolo	Âlanii Anysii ÂVaria poemata et satyrae. Ad Pompeium Columnam cardinalem				
Pubbl/distr/stampa	((Neapoli) : per Ioannem Sultzbacchium Hagenouensem Germanum, 1531				
Descrizione fisica	159, [3] c. ; 4Â°				
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2. Record Nr.	UNINA9910787569203321
Titolo	Mineral scales in biological and industrial systems / / edited by Zahid Amjad
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2014] ©2014
ISBN	0-429-09528-7 1-4665-6864-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (442 p.)
Classificazione	SCI013060TEC010030
Disciplina	660.2 660/.2
Soggetti	Incrustations - Prevention Descaling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	part I. Industrial: Carbonate, sulfate, phosphate, and fluoride scales -- part II. Industrial: Sulfate, silica, and silicate scales -- part III. Biological: Oxalate and hydroxyapatite scales -- part I volume Industrial: Suspended matter and oil dispersion -- part volume Scale/deposit characterization techniques.
Sommario/riassunto	This book brings together nationally and internationally renowned groups of researchers, scientists, and industrial technologists to present information on the interactions of polymeric and non-polymeric inhibitors (natural, synthetic polymers, biopolymers, hybrid polymers) with a variety of scale forming crystals, such as calcium phosphate, calcium carbonate, barium sulfate, calcium sulfate, calcium oxalate, silica, and metal silicate. The book discusses various physicochemical processes involved in precipitation of scale forming salts, adsorption of inhibitor molecules on different substrates, and dispersion or suspension of suspended particles present in aqueous systems-- Preface This volume embodies the proceedings of the symposium entitled Minerals Scales in Biological and Industrial Systems, sponsored by the American Chemical Society's Division of Colloid and Surface

Chemistry. The symposium was held in Philadelphia, Pennsylvania, from August 19 to August 23, 2012, as part of the 244th National Meeting of the American Chemical Society. Recognized experts in their respective fields were invited to speak at the symposium, with strong attendance particularly from academia, government, and industrial research centers. This symposium was part of a larger series on this topic. The first symposium addressing issues related to mineral scales and deposits was held in Washington, District of Columbia, from August 21 to August 25, 1999, at the 208th National Meeting of the American Chemical Society. This symposium was organized with the following objectives in mind: (a) to bring together researchers and technologists from academia, research centers, and industries, with active interest in this topic; (b) to provide an opportunity for discussion of recent developments; (c) to offer a forum for exchange of ideas; and (d) to identify the unfulfilled needs and challenges on the control of mineral scales and deposits facing various industries. Water available for domestic and industrial applications contains a variety of soluble and insoluble impurities such as dissolved minerals, natural organic compounds, suspended particles, and domestic and industrial wastes. If the water containing these impurities is used without any pretreatment, it leads, in many cases, to the deposition of unwanted materials on equipment surfaces (e.g., heat exchangers, pumps, pipes, and reverse osmosis membranes)--
