

1. Record Nr.	UNINA9910133538603321
Autore	Fontecave Marc
Titolo	Chemistry of biological processes [[electronic resource]] : : an introduction / / Marc Fontecave, translator Liz Libbrecht
Pubbl/distr/stampa	Collège de France, 2014 Paris : , : Collège de France, , 2014
ISBN	9782722602748 (ebook)
Descrizione fisica	1 online resource (26 pages) : illustrations
Collana	Lecons inaugurales du Collège de France
Soggetti	Biology Health & Biological Sciences Biology - General
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Life depends on the ability of living organisms to effectively harness the chemical potential of their environment, namely the sun, for energy, and a certain number of molecules which exist on the Earth's surface, such as water, oxygen, carbon dioxide, nitrogen, etc. These molecules need to be activated if benefit is to be derived from them, which requires profound electronic modifications that only metal ions can provide. Truly extraordinary metalloenzymes with highly subtle mechanisms are responsible for this activation. Bioinorganic chemistry straddles the disciplines of chemistry and biology and is in full expansion today. This discipline was born of the recent realisation that life is not solely organic but also "mineral", and that no life can exist without metals.

2. Record Nr.	UNINA9910825265303321
Autore	Fraher Amy Louise
Titolo	The next crash : how short-term profit seeking trumps airline safety / / Amy L. Fraher
Pubbl/distr/stampa	Ithaca, New York ; ; London : , : ILR Press, , 2014 ©2014
ISBN	0-8014-7048-X 0-8014-7049-8
Descrizione fisica	1 online resource (235 p.)
Disciplina	363.12/4
Soggetti	Aeronautics - United States - Safety measures - Finance Aircraft accidents - United States - Prevention - Finance Airlines - Employees - Salaries, etc - United States Airlines - United States - Finance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references (pages [199]-220) and index.
Nota di contenuto	Front matter -- Contents -- Prologue: Falling -- 1. The (Not So) Secret Secrets -- 2. The Roots of Turbulence -- 3. Riding the Jet Stream -- 4. A New Solution: Deregulation -- 5. Escalating Risks -- 6. Strapped In for the Ride -- 7. Airlines Today -- Epilogue -- Acknowledgments -- Appendix A: Airline Pilot Questionnaire Results -- Appendix B: Airline Pilot Interview Guide -- Abbreviations -- Notes -- Index
Sommario/riassunto	If you are one of over 700 million passengers who will fly in America this year, you need to read this book. <i>The Next Crash</i> offers a shocking perspective on the aviation industry by a former United Airlines pilot. Weaving insider knowledge with hundreds of employee interviews, Amy L. Fraher uncovers the story airline executives and government regulators would rather not tell. While the FAA claims that this is the "Golden Age of Safety," and other aviation researchers assure us the chance of dying in an airline accident is infinitesimal, <i>The Next Crash</i> reports that 70 percent of commercial pilots believe a major airline accident will happen soon. Who should we believe? As one captain explained, "Everybody wants their 9 ticket," but "you don't get [Captain] Sully for ninety-nine bucks." Drawing parallels between the 2008

financial industry implosion and the post-9/11 airline industry, *The Next Crash* explains how aviation industry risk management processes have not kept pace with a rapidly changing environment. To stay safe the system increasingly relies on the experience and professionalism of airline employees who are already stressed, fatigued, and working more while earning less. As one copilot reported, employees are so distracted "it's almost a miracle that there wasn't bent metal and dead people" at his airline. Although opinions like this are pervasive, for reasons discussed in this book, employees' issues do not concern the right people—namely airline executives, aviation industry regulators, politicians, watchdog groups, or even the flying public—in the right way often enough. In contrast to popular notions that airliner accidents are a thing of the past, Fraher makes clear America is entering a period of unprecedented aviation risk.
