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| 1. Record Nr. | UNINA9910133538603321 |
| Autore | Fontecave Marc |
| Titolo | Chemistry of biological processes [[electronic resoure]] : : 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 College 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. |

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| 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. The Next Crash 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, The Next Crash 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.
