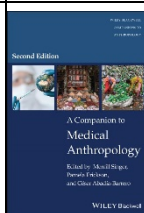
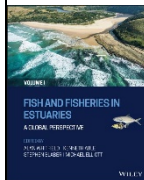


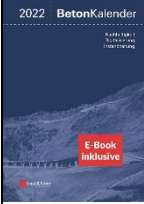
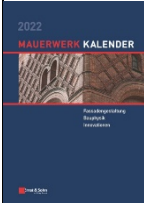
Anthropology

Copies	Title	
	Singer, M. / Erickson, P. I. / Abadía-Barrero, C. (eds.): A Companion to Medical Anthropology, 2nd edition Series 'Blackwell Companions to Anthropology' 2022/02. 544 pp. HC. Approx. € 165.00 / £ 135.00 ISBN: 978-1-119-71890-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-71890-1/ A field-defining collection of new and revised essays on wide-ranging topics in medical anthropology, covering issues of perennial interest as well as emerging and developing research areas in global health and ethnomedicine	

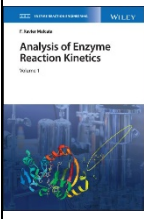
Aquaculture, Fisheries & Fish Science

Copies	Title	
	Whitfield, A. et al. (ed.): Fish and Fisheries in Estuaries. A Global Perspective. 2 Volume Set 2021/12. 1000 pp. HC. Approx. € 430.00 / £ 350.00 ISBN: 978-1-4443-3667-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-4443-3667-2/ Fish and Fisheries in Estuaries: A Global Perspective brings together the current state of knowledge of estuarine fish in two volumes. Featuring contributions by more than fifty internationally-recognized researchers and estuarine ichthyological specialists, this landmark resource covers fish assemblages and functional groups, recruitment and production in estuaries, feeding ecology and trophic dynamics, conservation of estuarine fish, and much more. Thirteen in-depth chapters examine major aspects of fish and fisheries in estuaries throughout the world. The text describes the biology of estuarine fish and their connections with estuarine ecosystems, and examines the ways human industrialization and global events such as climate change are impacting both native and non-native species. Topics include habitat diversity, fish foraging behavior, ecological engineering tools and models, hazards and risks to estuarine fish and fisheries, and estuarine environmental health. Offering detailed information on the biology and ecology of estuarine fish and fisheries, this authoritative reference: * Explores current approaches and future research directions aimed at achieving a balance between exploitation and conservation of estuarine fishes * Discusses environmental quality objectives and sustainable management of estuary fisheries * Addresses the impacts of humans' increased use of resources such as food, space, and water to estuarine fisheries * Features numerous international case studies of management of fisheries, threatened species, estuarine rehabilitation, reproduction and ontogeny, and others * Covers study and sampling methods, field equipment, and data processing, analysis, and interpretation Fish and Fisheries in Estuaries: A Global Perspective is an indispensable tool and reference point for fish biologists, fisheries scientists, ecologists and environmental scientists, aquatic ecologists, conservation biologists, and advanced students and instructors in fish biology and fisheries programs.	

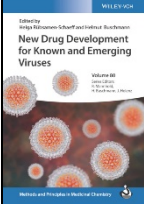
Civil Engineering & Construction

Copies	Title	
	Bergmeister, K. / Fingerloos, F. / Wörner, J.-D. (eds.): Beton-Kalender 2022. Schwerpunkte: Nachhaltigkeit, Digitalisierung, Instandhaltung (2 Teile und inkl. E-Book als PDF) Volume 202 in the series 'Beton-Kalender-eBundle' 2022/01. Approx. 1000 pp, 120 figures, 200 tables. HC. Approx. € 234.00 / £ 195.00. Series price: Approx. € 194.00 / £ 165.00 ISBN: 978-3-433-03345-6 Weblink: http://www.wiley-vch.de/publish/dt/books/ISBN978-3-433-03345-6/ Der Beton-Kalender 2022 ist solide Arbeitsgrundlage und topaktuelles, verlässliches Nachschlagewerk für die Planung und Nachrechnung von Betonbauwerken. Themenschwerpunkte sind Instandsetzung und Belastungsversuche von Betonbauwerken sowie die Digitalisierung im Bauwesen.	
	Bergmeister, K. / Fingerloos, F. / Wörner, J.-D. (eds.): Beton-Kalender 2022. Schwerpunkte: Nachhaltigkeit, Digitalisierung, Instandhaltung (2 Teile) Volume 202 in the series 'Betonkalender' 2022/01. Approx. 1000 pp, 120 figures, 200 tables. HC. Approx. € 184.00 / £ 155.00. Series price: € 154.00 / £ 130.00 ISBN: 978-3-433-03344-9 Weblink: http://www.wiley-vch.de/publish/dt/books/ISBN978-3-433-03344-9/ Der Beton-Kalender 2022 ist solide Arbeitsgrundlage und topaktuelles, verlässliches Nachschlagewerk für die Planung und Nachrechnung von Betonbauwerken. Themenschwerpunkte sind Instandsetzung und Belastungsversuche von Betonbauwerken sowie die Digitalisierung im Bauwesen.	
	Fedorov, S. G. / Heres, B. / Lorenz, W.: Eiserne Eremitage - Bauen mit Eisen im Russland der ersten Hälfte des 19. Jahrhunderts. (Werk bestehend aus 2 Bänden) 2022/01. 752 pp, 1036 figures, 1036 in color. HC. Approx. € 149.00 / £ 125.00 ISBN: 978-3-433-03156-8 Weblink: http://www.wiley-vch.de/publish/dt/books/ISBN978-3-433-03156-8/ Die Eremitage als Gegenstand interdisziplinärer, ingenieurmäßiger Bauforschung: Nie zuvor wurde eine historische Eisenkonstruktion derart untersucht, dokumentiert und interpretiert. Dem Leser erschließen sich neben den Konstruktionen selbst auch die Entwurfs- und Bauprozesse.	
	Schermer, D. / Brehm, E. (eds.): Mauerwerk-Kalender 2022. Schwerpunkte: Fassadengestaltung, Bauphysik, Innovationen Volume 1 in the series 'Mauerwerk-Kalender' 2022/02. Approx. 650 pp, approx. 180 figures, approx. 140 tables. HC. Approx. € 159.00 / £ 135.00. Series price: € 139.00 / £ 115.00 ISBN: 978-3-433-03356-2 Weblink: http://www.wiley-vch.de/publish/dt/books/ISBN978-3-433-03356-2/ Das Nachschlagewerk zum Mauerwerksbau im 47. Jahrgang: Schwerpunkte sind die bauphysikalische Analyse von Mauerwerksgebäuden sowie Themen der Gestaltung. Weitere Beiträge behandeln Aspekte der Nachhaltigkeit sowie der Bemessung und der Nachrechnung von Bestandsbauwerken.	

Chemical Engineering

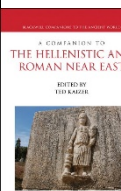
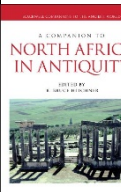
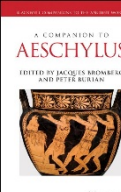
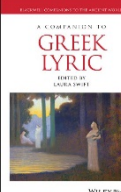
Copies	Title	
	Malcata, F. X.: Analysis of Enzyme Reaction Kinetics. 2 Volume Set Series 'Enzyme Reaction Engineering' 2022/01. 1472 pp. HC. Approx. € 395.00 / £ 325.00 ISBN: 978-1-119-49024-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-49024-1/ This two-volume set comprehensively describes rate expressions pertaining to enzymatic reactions	
	Abd-Aziz, S. et al. (ed.): Biorefinery of Oil Producing Plants for Value-Added Products 2022/01. 864 pp, 400 figures, 200 in color. HC. Approx. € 349.00 / £ 290.00 ISBN: 978-3-527-34876-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34876-3/ A comprehensive reference presents how oil producing plants by-products after oil extraction are converted into bio-based high value-added products.	

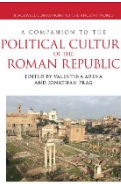
Chemistry

Copies	Title	
	Rübsamen-Schaeff, H. / Buschmann, H. (eds.): New Drug Development for Known and Emerging Viruses Series 'Methods and Principles in Medicinal Chemistry' 2021/11. 576 pp, 5 figures, 3 in color, 38 tables. HC. € 179.00 / £ 150.00 ISBN: 978-3-527-34337-9 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34337-9/ Discusses the entire field of antiviral drug discovery and development from a medicinal chemistry perspective, focusing on antiviral drugs, targets and viral disease mechanisms. Includes an outlook on emerging pathogens such as Ebola, West Nile, Norovirus and SARS Coronavirus-2.	
	Organic Reactions. Volume 107 Volume 107 in the series 'Organic Reactions' 2021/12. 1168 pp. HC. Approx. € 460.00 / £ 375.00 ISBN: 978-1-119-77126-5 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-77126-5/ Saves time and effort by highlighting the most important and useful reactions for organic chemists.	
	Wu, X.-F. et al. (ed.): The Chemical Transformations of C1 Compounds 2022/02. Approx. 1250 pp, approx. 600 figures, 200 in color. HC. Approx. € 499.00 / £ 415.00 ISBN: 978-3-527-34895-4 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34895-4/ This three-volume reference book provides an in-depth overview of recent developments and significant progress in the field of C1 chemistry, covering all major C1 compounds.	
	Madea, B. (ed.): Handbook of Forensic Medicine. 3 Volume Set, 2nd edition 2022/02. 1500 pp. HC. Approx. € 430.00 / £ 350.00 ISBN: 978-1-119-64855-0 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-64855-0/ Completely revised and updated, the must-have work for every specialist in forensic medicine, forensic toxicology, forensic haemogenetics, any clinician who has to prepare a report for court and of course for lawyers.	

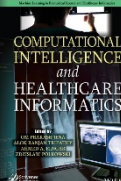
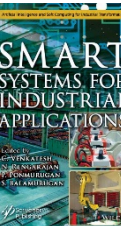
	Tang, Y. / Tang, B. Z.: Handbook of Aggregation-Induced Emission. 3 Volume Set 2022/02. 1488 pp. HC. Approx. € 660.00 / £ 540.00 ISBN: 978-1-119-64305-0 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-64305-0/ The ultimate reference on the science, developments and applications of aggregation induced emission - celebrating twenty years of progress and achievement in this important, interdisciplinary field.	
--	---	---

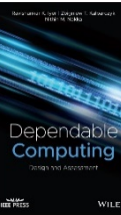
Classical Studies

Copies	Title	
	Jacobs, B. / Rollinger, R. (eds.): A Companion to the Achaemenid Persian Empire. 2 Volume Set Volume 2 in the series 'Blackwell Companions to the Ancient World' 2021/11. 1744 pp. HC. Approx. € 365.00 / £ 300.00 ISBN: 978-1-119-17428-8 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-17428-8/	
	Kaizer, T.: A Companion to the Hellenistic and Roman Near East Series 'Blackwell Companions to the Ancient World' 2021/11. Approx. 560 pp. HC. Approx. € 195.00 / £ 159.00 ISBN: 978-1-4443-3982-6 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-4443-3982-6/	
	Hitchner, B.: A Companion to North Africa in Antiquity Series 'Blackwell Companions to the Ancient World' 2021/11. HC. Approx. € 185.00 / £ 151.00 ISBN: 978-1-4443-5001-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-4443-5001-2/	
	Burian, P. / Bromberg, J. (eds.): A Companion to Aeschylus Series 'Blackwell Companions to the Ancient World' 2021/12. HC. Approx. € 149.00 / £ 120.00 ISBN: 978-1-4051-8804-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-4051-8804-3/	
	Swift, L.: A Companion to Greek Lyric Series 'Blackwell Companions to the Ancient World' 2021/12. 608 pp. HC. Approx. € 179.00 / £ 148.00 ISBN: 978-1-119-12262-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-12262-3/	

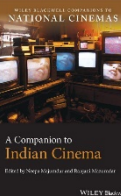
	Arena, V. / Prag, J. R. W.: A Companion to the Political Culture of the Roman Republic Series 'Blackwell Companions to the Ancient World' 2022/01. 688 pp. HC. Approx. € 159.00 / £ 130.00 ISBN: 978-1-4443-3965-9 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-4443-3965-9/	
--	---	---

Computer Science

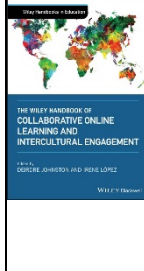
Copies	Title	
	Jena, O. P. et al. (ed.): Computational Intelligence and Healthcare Informatics Series 'Machine Learning in Biomedical Science and Healthcare Informatics' 2021/12. 432 pp. HC. Approx. € 209.00 / £ 170.00 ISBN: 978-1-119-81868-7 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-81868-7/ The book provides the state-of-the-art innovation, research, design and implements methodological and algorithmic solutions to data processing problems, designing and analysing evolving trends in health informatics, intelligent disease prediction and computer-aided diagnosis.	
	Venkatesh, C. et al. (ed.): Smart Systems for Industrial Applications Series 'Artificial Intelligence and Soft Computing for Industrial Transformation' 2022/02. 400 pp. HC. Approx. € 209.00 / £ 171.00 ISBN: 978-1-119-76200-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-76200-3/ The prime objective of this book is to provide an insight in to the role and advancements of artificial intelligence in electrical systems and its future challenges.	
	Balamurugan, S. et al. (ed.): Impact of Artificial Intelligence on Organizational Transformation Series 'Artificial Intelligence and Soft Computing for Industrial Transformation' 2022/02. 438 pp. HC. Approx. € 209.00 / £ 171.00 ISBN: 978-1-119-71017-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-71017-2/ Discusses the impact of AI on organizational transformation which is mix of computational techniques and management practices, with in-depth analysis about the role of automation & data management, and strategic management in relation to human capital, procurement & production, finance and marketing.	
	Hemalatha, R. J. et al.: The Internet of Medical Things (IoMT). Healthcare Transformation Series 'Advances in Learning Analytics for Intelligent Cloud-IoT Systems' 2022/02. 334 pp. HC. Approx. € 209.00 / £ 171.00 ISBN: 978-1-119-76883-8 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-76883-8/ The book explores the emerging IoMT ecosystem - the application of wearable and stand-alone sensor-based tools and devices for patient monitoring and patient information.	

	Iyer, R. K. / Kalbarczyk, Z. T. / Nakka, N. M.: Dependable Computing. Design and Assessment Series 'Wiley - IEEE' 2022/02. HC. Approx. € 139.00 / £ 114.00 ISBN: 978-1-118-70944-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-118-70944-3/ The only recent book on dependability/fault-tolerance that covers both software and hardware aspects of dependability, Dependable Computing Design and Assessment addresses the new reality of dependability. After a discussion of reliability, availability, and hardware and software fault models, the authors explore hardware redundancy, coding techniques, processor-level error detection and recovery, checkpoint and recovery, software fault tolerance techniques, and network-specific issues. Ideal for both students and practitioners, the capabilities and applicability of all techniques are illustrated with examples of actual applications and systems.	
--	--	---

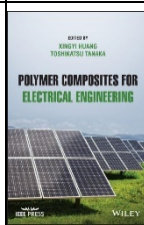
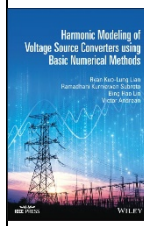
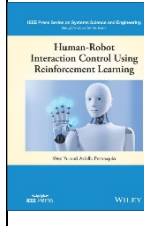
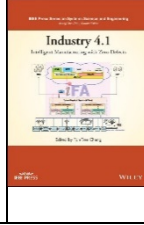
Cultural Studies

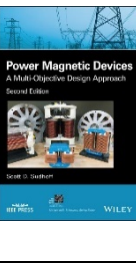
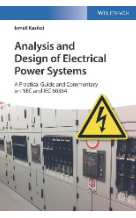
Copies	Title	
	Majumdar, N. / Mazumdar, R.: A Companion to Indian Cinema Series 'CNCZ - The Wiley-Blackwell Companions to National Cinemas' 2021/12. HC. Approx. € 165.00 / £ 135.00 ISBN: 978-1-119-04819-0 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-04819-0/ This Companion includes new research on contemporary and historical questions in Indian cinema. It also considers the circulation of Indian cinema in other countries and pays attention to regional cinemas within India. Similarly, its focus includes both commercially successful mainstream cinema as well as other kinds of films and film experiences. Several chapters of the book also include a focus on the changing dimensions of technology, aesthetics, and the archival impulse of film.	
	Desser, D.: A Companion to Japanese Cinema Series 'CNCZ - The Wiley-Blackwell Companions to National Cinemas' 2022/01. HC. Approx. € 165.00 / £ 135.00 ISBN: 978-1-118-95532-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-118-95532-1/ There is a good deal of new material here, ranging from the introduction and exploration of under-appreciated directors, like Uchida Tomu and Yoshimura Kozaburo; to a new appreciation of the Golden Age of Japanese cinema from the point of view of little-known stars and genres of the 1950s and the fascinating issue of gender they present; to the relationship between electricity, railroads and the growth of Japanese cinema. In addition, there is much material on the connections and relationship of television to cinema--not just TV as a competitor, but television and cinema as intertwined media that, in fact, has implications for understanding the state of Japanese cinema today. And the volume ends with a sustained, and new, discussion of the Japanese media response to the disaster of 3/11. In addition to this, gender is a major issue that runs through the volume, from a new appreciation of the women in the work of Kurosawa to a history of women's cinema in Japan, and the most sustained analysis yet of Kawase Naomi, not only the most important woman working in Japanese cinema today, but the most important woman director in Japanese film history. The book has a great deal of representation from Japanese scholar and from women; and it brings together a lot of the "veterans" of Japanese cinema; many mid-career scholars; and many recent PhD who tend to produce some of the most innovative work.	

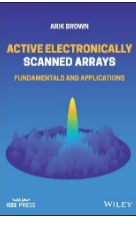
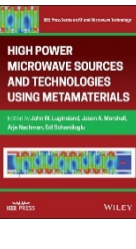
Education

Copies	Title	
	Johnston, D. / Lopez, I. (eds.): The Wiley Handbook of Collaborative Online Learning and Global Engagement Series 'Wiley Handbooks in Education' 2022/02. HC. Approx. € 195.00 / £ 160.00 ISBN: 978-1-119-63477-5 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-63477-5/ Presents best practices for faculty or administrators developing globally-connected courses, including learning objectives, collaborative assignments, and logistical planning; based upon a unique assessment of 500 students in collaborative courses across 14 countries.	

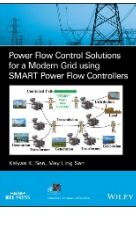
Electrical & Electronics Engineering

Copies	Title	
	Huang, X. / Tanaka, T. (eds.): Polymer Composites for Electrical Engineering Series 'Wiley - IEEE' 2021/11. 400 pp. HC. Approx. € 132.00 / £ 107.00 ISBN: 978-1-119-71960-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-71960-1/ Presents the fundamental principles, state-of-art progress and future challenges of polymer composites, examining real and potential applications in electrical engineering	
	Lian, R. K.-L. et al.: Harmonic Modeling of Voltage Source Converters using Simple Numerical Methods Series 'Wiley - IEEE' 2021/12. 400 pp. HC. Approx. € 135.00 / £ 111.50 ISBN: 978-1-119-52713-8 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-52713-8/	
	Yu, W. / Perrusquia, A.: Human-Robot Interaction Control Using Reinforcement Learning Series 'IEEE Series on Systems Science and Engineering' 2021/12. 288 pp. HC. Approx. € 132.00 / £ 107.00 ISBN: 978-1-119-78274-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-78274-2/ This book is dedicated to the control schemes of human-robot interaction using control theory and reinforcement learning	
	Cheng, F.-T. (ed.): Industry 4.1. Intelligent Manufacturing with Zero Defects Series 'IEEE Series on Systems Science and Engineering' 2021/12. 560 pp. HC. Approx. € 132.00 / £ 107.00 ISBN: 978-1-119-73989-0 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-73989-0/ This book explores how to apply intelligent manufacturing technologies on the basis of an Industry 4.0 platform to achieve the goal of zero defects in all products	

	Strangas, E. G. et al.: Fault Diagnosis, Prognosis, and Reliability for Electrical Machines and Drives Series 'Wiley - IEEE' 2021/12. 448 pp. HC. Approx. € 139.00 / £ 114.00 ISBN: 978-1-119-72275-5 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-72275-5/ This book addresses present and emerging issues of the theory, algorithms, uses, and practice of fault diagnosis, and failure prognosis, and their effects on the operation and reliability of electrical machines and drives	
	Sudhoff, S. D.: Power Magnetic Devices. A Multi-Objective Design Approach, 2nd edition Series 'IEEE Press Series on Power Engineering' 2022/01. 656 pp. HC. Approx. € 135.00 / £ 110.00 ISBN: 978-1-119-67460-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-67460-3/ This book focuses on the design process as it relates to power magnetic devices including inductors, transformers, electromagnets, and rotating machinery (particularly permanent magnet ac machines)	
	Pathak, P. H / Burkholder, R. J.: Electromagnetic Radiation, Scattering, and Diffraction Series 'IEEE/OUP Series on Electromagnetic Wave Theory (formerly IEEE only), Series Editor: Donald G. Dudley.' 2022/01. 1136 pp. HC. Approx. € 162.00 / £ 132.95 ISBN: 978-1-119-81051-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-81051-3/ This book is a graduate level text for students specializing in areas directly related to electromagnetic (EM) wave radiation, scattering, and diffraction for engineering applications	
	Kasikci, I.: Analysis and Design of Electrical Power Systems. A Practical Guide and Commentary on NEC and IEC 60364 2022/01. Approx. 1000 pp, approx. 450 figures, 50 in color. HC. Approx. € 149.00 / £ 125.00 ISBN: 978-3-527-34137-5 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34137-5/ One-stop resource on how to design standard-compliant low voltage electrical systems!	
	Jiang, Z. H. / Werner, D. H. (eds.): Electromagnetic Vortices. Wave Phenomena and Engineering Applications Series 'IEEE/OUP Series on Electromagnetic Wave Theory (formerly IEEE only), Series Editor: Donald G. Dudley.' 2022/01. 560 pp. HC. Approx. € 139.00 / £ 114.00 ISBN: 978-1-119-66282-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-66282-2/ This book presents recent advances in recently discovered electromagnetic vortices, compiling contributions from international research groups to describe the theoretical basis and developing applications	
	Priyadarshini, I. / Sharma, R.: Quantum Computing in Cybersecurity and Artificial Intelligence Series 'Advances in Quantum Computing' 2022/01. 450 pp. HC. Approx. € 209.00 / £ 171.00 ISBN: 978-1-119-76185-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-76185-3/	

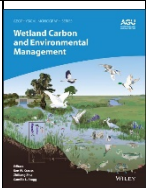
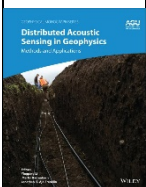
	Brown, A. D.: Electronically Scanned Arrays. Fundamentals and Applications Series 'Wiley - IEEE' 2022/02. HC. Approx. € 139.00 / £ 114.00 ISBN: 978-1-119-74905-9 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-74905-9/ AESAs have spread from defense into commercial use and will be the main type of antenna in the future. Buy this book to learn the fundamentals of designing and using AESAs for collision avoidance in cars, air surveillance radar, communication antennas, and defense applications.	
	Schamiloglu, E. et al.: High Power Microwave Sources and Technologies Using Metamaterials Series 'IEEE Press Series on RF and Microwave Technology' 2022/02. 320 pp. HC. Approx. € 135.00 / £ 110.00 ISBN: 978-1-119-38444-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-38444-1/ This unique book presents a coherent overview of the new directions explored in the field of high power microwave sources through the use of metamaterials	

Energy

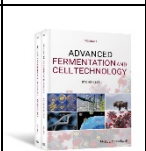
Copies	Title	
	Choi, J. / Lee, K. Y.: Probabilistic Power System Expansion Planning with Renewable Energy Resources and Energy Storage Systems Series 'IEEE Press Series on Power Engineering' 2021/12. 512 pp. HC. Approx. € 135.00 / £ 110.00 ISBN: 978-1-119-68413-8 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-68413-8/ This book reviews state-of-the-art technologies in power system expansion planning with an emphasis on application of theory	
	Sen, K. K. / Sen, M. L.: Power Flow Control Solutions for a Modern Grid Using SMART Power Flow Controllers Series 'IEEE Press Series on Power Engineering' 2022/01. HC. Approx. € 135.00 / £ 110.00 ISBN: 978-1-119-82435-0 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-82435-0/ This book is designed to build a solid foundation, upon which advanced topics on power flow control can be modeled and studied	

Earth Sciences

Copies	Title	
	Moretti, R. / Neuville, D. R. (eds.): Magma Redox Geochemistry Series 'Geophysical Monograph Series' 2021/12. 432 pp. HC. Approx. € 185.00 / £ 151.00 ISBN: 978-1-119-47325-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-47325-1/ A comprehensive volume that describes the magma genesis and evolution around the redox concept, with both traditional and modern perspectives on volcanological, geodynamic, geochemical, petrological and mineralogical processes in the Earth interior.	

	Krauss, K. W. / Zhu, Z. / Stagg, C. (eds.): Wetland Carbon and Environmental Management Series 'Geophysical Monograph Series' 2022/01. 480 pp. HC. Approx. € 185.00 / £ 152.00 ISBN: 978-1-119-63928-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-63928-2/ Synthesis of global wetland research studies linking environmental management actions to carbon, including carbon storage, regulation of atmospheric carbon fluxes, lateral carbon transport, enhanced carbon sequestration, and improved ecosystem service value related to carbon.	
	Alsdorf, D. / Tshimanga, R. / Moukandi, G.: Congo Basin Hydrology, Climate, and Biogeochemistry. A Foundation for the Future Series 'Geophysical Monograph Series' 2022/02. HC. Approx. € 202.00 / £ 167.00 ISBN: 978-1-119-65697-5 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-65697-5/	
	Li, Y. / Karrenbach, M. / Ajo-Franklin, J. (eds.): Distributed Acoustic Sensing in Geophysics. Methods and Applications Series 'Geophysical Monograph Series' 2022/02. 336 pp. HC. Approx. € 185.00 / £ 151.00 ISBN: 978-1-119-52179-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-52179-2/ A comprehensive up-to-date state of the art work covering novel geophysical practical applications and technologies in Distributed Acoustic Sensing (DAS), useful for both academic and industry researchers in geology, geophysics, seismology, hydrogeophysics, natural hazards, oil and gas exploration, mining engineering, geoenvironment and environmental geology.	

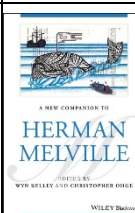
Food Science & Technology

Copies	Title	
	Lee, B. H.: Advanced Fermentation and Cell Technology. 2 Volume Set 2021/11. 928 pp. HC. Approx. € 335.00 / £ 275.00 ISBN: 978-1-119-04276-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-04276-1/ A new and comprehensive reference covering both conventional and novel industrial fermentation technologies and their applications in the food, pharmaceutical, biofuel and biomaterial industries.	

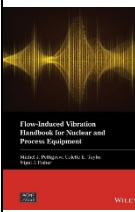
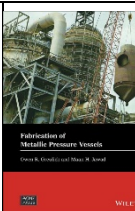
Life Sciences

Copies	Title	
	Annenkov, V. V. / Gordon, R. / Sechbach, J. (eds.): Diatom Morphogenesis Series 'Diatoms: Biology and Applications' 2022/02. 448 pp. HC. Approx. € 229.00 / £ 189.00 ISBN: 978-1-119-48795-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-48795-1/ Unique book presenting the range of silica structures formed by diatoms, theories and hypotheses of how they are made, and applications to nanotechnology by use or imitation of diatom morphogenesis.	

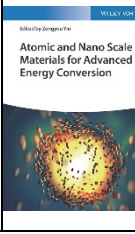
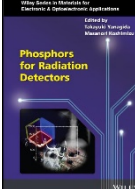
Literature

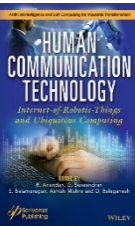
Copies	Title	
	Kelley, W. / Ohge, C.: A New Companion to Herman Melville, 2nd edition Series 'Blackwell Companions to Literature and Culture' 2022/02. 625 pp. HC. Approx. € 165.00 / £ 135.00 ISBN: 978-1-119-66850-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-66850-3/ It is the first Melville Companion to include an entire section on book history and digital humanities. Digital approaches are reflected throughout many of the essays. It offers concise but intensely scholarly new readings of and critical methods for Melville's works by leading researchers across the world. It has a unique section devoted to environmental humanities approaches to Melville. It has two unique 'symposium' sections that feature short essays reflecting on artistic responses, teaching, and public engagement with Melville.	

Mechanical Engineering

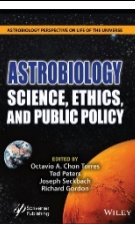
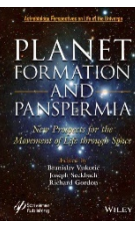
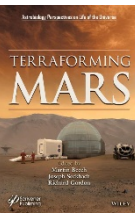
Copies	Title	
	Pettigrew, M. J. / Taylor, C. E. / Fisher, N. J. (eds.): Flow-Induced Vibration Handbook for Nuclear and Process Equipment Series 'Wiley-ASME Press Series' 2022/01. 496 pp. HC. Approx. € 132.00 / £ 107.00 ISBN: 978-1-119-81096-4 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-81096-4/ Provides a comprehensive survey of the mechanisms that govern flow-induced vibrations and helps engineers understand how to mitigate or prevent the fatigue damage that flow-induced vibrations can cause in nuclear and process equipment.	
	Greulich, O. R. / Jawad, M. H.: Fabrication of Metallic Pressure Vessels Series 'Wiley-ASME Press Series' 2022/02. 320 pp. HC. Approx. € 132.00 / £ 107.00 ISBN: 978-1-119-67486-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-67486-3/ Comprehensively covers various processes required in the fabrication of process equipment	

Materials Science

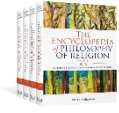
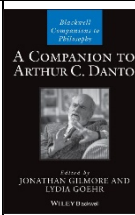
Copies	Title	
	Yin, Z. (ed.): Atomic and Nano Scale Materials for Advanced Energy Conversion 2021/11. 880 pp, 375 figures, 372 in color. HC. € 329.00 / £ 275.00 ISBN: 978-3-527-34892-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34892-3/ This book provides the brand-new forefront nano-to-atomic scale materials science and knowledge with up-to-date information and analysis on significant application fields such as water splitting, CO2 reduction to liquid fuels, N2 reduction to ammonia and solar to electricity.	
	Yanagida, T. / Koshimizu, M.: Phosphors for Radiation Detectors Series 'Wiley Series in Materials for Electronic & Optoelectronic Applications' 2022/01. 448 pp. HC. Approx. € 182.00 / £ 150.00 ISBN: 978-1-119-58332-5 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-58332-5/ Discover a comprehensive overview of luminescence phosphors for radiation detection	

	Anandan, R. et al.: Human-Technology Communication. Internet-of-Robotic-Things and Ubiquitous Computing Series 'Artificial Intelligence and Soft Computing for Industrial Transformation' 2022/02. 496 pp. HC. Approx. € 209.00 / £ 170.00 ISBN: 978-1-119-75059-8 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-75059-8/ A unique book explaining how perception, location, communication, cognition, computation, networking, propulsion, integration of federated IoRT and digital platforms are important components of new-generation IoRT applications through continuous, real-time interaction with the world.	
	Zapka, W. (ed.): Inkjet Printing in Industry. Materials, Technologies, Systems, and Applications 2022/02. Approx. 1500 pp, approx. 200 figures. HC. Approx. € 499.00 / £ 415.00 ISBN: 978-3-527-34780-3 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34780-3/ A landmark publication on industrial-scale inkjet printing!	

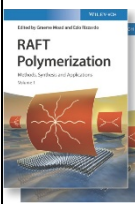
Physics

Copies	Title	
	Torres, O. A. C. et al. (ed.): Astrobiology. Science, Ethics, and Public Policy Series 'Astrobiology Perspectives on Life in the Univers' 2022/01. 432 pp. HC. Approx. € 179.00 / £ 148.00 ISBN: 978-1-119-71116-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-71116-2/ This unique book advances the frontier discussion of a wide spectrum of astrobiological issues on scientific advances, space ethics, social impact, religious meaning, and public policy formulation.	
	Vukotic, B. / Seckbach, J. / Gordon, R. (eds.): Planet Formation and Panspermia. New Prospects for the Movement of Life Through Space Series 'Astrobiology Perspectives on Life in the Univers' 2022/01. 352 pp. HC. Approx. € 219.00 / £ 178.00 ISBN: 978-1-119-64039-4 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-64039-4/ An in-depth view of the panspermia hypothesis examined against the latest knowledge of planetary formation and related processes.	
	Beech, M. / Seckbach, J. / Gordon, R.: Terraforming Mars Series 'Astrobiology Perspectives on Life in the Univers' 2022/02. 586 pp. HC. Approx. € 209.00 / £ 171.00 ISBN: 978-1-119-76196-9 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-76196-9/ This book provides a thorough scientific review of how Mars might eventually be colonized, industrialized, and transformed into a world better suited to human habitation.	

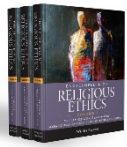
Philosophy

Copies	Title	
	Goetz, S. / Taliaferro, C. (eds.): The Encyclopedia of Philosophy of Religion . 4 Volume Set 2021/11. 2704 pp. HC. Approx. € 720.00* / £ 591.00* ISBN: 978-1-119-01095-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-01095-1/	
	Goehr, L. / Gilmore, J. (eds.): A Companion to Arthur C. Danto Series 'Blackwell Companions to Philosophy' 2022/01. HC. Approx. € 172.00 / £ 141.00 ISBN: 978-1-119-15421-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-15421-1/	

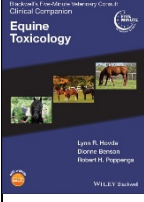
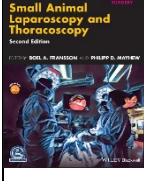
Polymer Science & Technology

Copies	Title	
	Moad, G. / Rizzardo, E. (eds.): RAFT Polymerization . Methods, Synthesis and Applications 2021/11. 1280 pp, 452 figures, 158 in color, 2 tables. HC. € 399.00 / £ 330.00 ISBN: 978-3-527-34495-6 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-3-527-34495-6/ Spanning the entire field from mechanism to theory, from different methods to applications in material science, industrial chemistry and medicine: this one-stop source is THE comprehensive reference edited by pioneers in the field.	

Religion & Theology

Copies	Title	
	Schweiker, W. et al. (ed.): Encyclopedia of Religious Ethics . 3 Volume Set 2022/01. 1488 pp. HC. Approx. € 540.00 / £ 440.00 ISBN: 978-1-118-47198-2 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-118-47198-2/	
	Flood, G. (ed.): Wiley Blackwell Companion to Hinduism , 2nd edition Series 'Blackwell Companions to Religion' 2022/02. 620 pp. HC. Approx. € 149.00 / £ 120.00 ISBN: 978-1-119-14486-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-14486-1/	

Veterinary Medicine

Copies	Title	
	Hovda, L. R. / Benson, D. / Poppenga, R. H. (eds.): Blackwell's Five-Minute Veterinary Consult Clinical Companion. Equine Toxicology Series 'Blackwell's Five-Minute Veterinary Consult' 2021/11. 544 pp. SC. Approx. € 139.00 / £ 114.00 ISBN: 978-1-119-67149-7 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-67149-7/ Provides fast access to essential information for managing poisoning in horses	
	Fransson, B. A. / Mayhew, P. D.: Small Animal Laparoscopy and Thoracoscopy, 2nd edition Series 'AVS - Advances in Veterinary Surgery' 2022/02. HC. Approx. € 159.00 / £ 130.00 ISBN: 978-1-119-66685-1 Weblink: http://www.wiley-vch.de/publish/en/books/ISBN978-1-119-66685-1/ A rigorous update of the first book to provide comprehensive and current information about minimally invasive surgery in dogs and cats.	

Euro prices only valid for Germany. In EU countries the local VAT is effective. Postage will be charged. Due to fluctuating exchange rates, the prices for John Wiley & Sons' titles are approximate. Prices are subject to change without notice. Our standard terms and delivery conditions apply. * = short discounted.
 Date of information: 10/2021