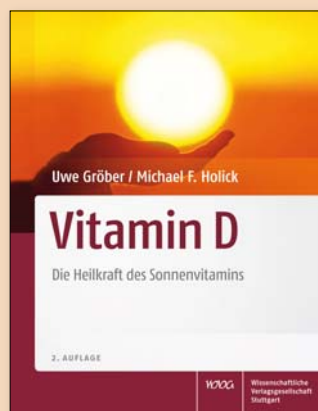
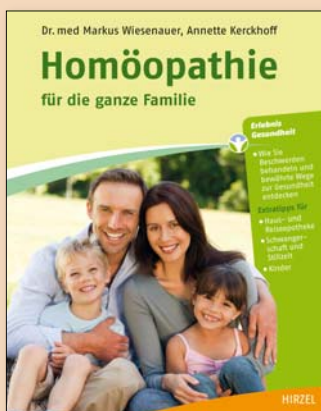


NEW PUBLICATIONS



Autumn 2013
Rights Catalogue

Wissenschaftliche Verlagsgesellschaft Stuttgart
Deutscher Apotheker Verlag
S. Hirzel Verlag
MedPharm Scientific Publishers
Behr's Verlag



November 2013

– in German –

By Julia Borsch,
Verena Maurus
and Sina Pompe.

Borsch / Maurus / Pompe
Medicines nano

Short and sweet – it must be nano!

When counselling patients in the pharmacy, you need certain information fast.

- Which pharmaceutical forms and strengths is a certain medication available in?
- What are the risks for pregnant women, and which alternatives are there?
- Which OTC preparation can be recommended to the patient?

There's only one answer: *Medicines nano*

2014. Approx. 400 pages. Format 9,5 x 12,5 cm. Paperback.

€ 14,80 [D]

ISBN 978-3-8047-2906-3

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

Pharmacists – pharmacy interns – pharmacy students – pharmaceutical technicians



November 2013

– in German –

By Uwe Gröber.

Gröber

Drugs and Micronutrients
Medication-Oriented Supplementation

For the Safety of the Patient

Many chronically ill and elderly patients regularly take five and more drugs at a time. Just as often, pharmacists and physicians must keep an eye out for possible interactions between all of these different drugs. But often not even the experts realise that foods, micronutrients and drugs can interact as well.

Doctors and pharmacists must be aware of this other kind of interaction and act accordingly. Micronutrients included and integrated in a treatment plan along with a patient's medication and actually make therapy more effective and safer – an opportunity that should not be passed up!

3rd updated and enlarged edition 2014. Approx. XXIV, 476 pages.

100 colour figures. 79 colour tables. Hardcover.

€ 49,- [D]

ISBN 978-3-8047-3178-3

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

Physicians – pharmacists – health professionals – nutrition professionals

Gröber / Holick

Vitamin D**The Healing Power of the Sunshine Vitamin****Get healthy and stay healthy with vitamin D!**

All over the world, vitamin D deficiency is one of the most common health problems of our time. Many so-called diseases of civilisation are encouraged by vitamin D deficiency: heart attack, stroke, diabetes, cancer, multiple sclerosis and osteoporosis, to name just a few.

The sunshine vitamin is the link between the sun and good health, and it is the key to prevention. In this book, the reader can learn how to successfully guard against disease, improve quality of life with vitamin D and optimise therapy for existing diseases.

The well-known micronutrient expert Uwe Gröber and one of the foremost authorities in vitamin D research, Michael F. Holick from the University of Boston, shed light on this exciting topic with a wealth of tips, illustrative case examples and the latest findings from worldwide vitamin D research.

"The book provides both experts and medical laypersons an excellent opportunity to take an in-depth look at the latest findings ... The entire contents reflect the profound expertise of the authors on the topic."

(Prof. Dr. med. J. Reichrath, Saarland University Medical Center)

2nd revised and updated edition 2013. 304 pages. 155 colour figures.
17 colour tables. Format 17 x 21,5 cm. Paperback.

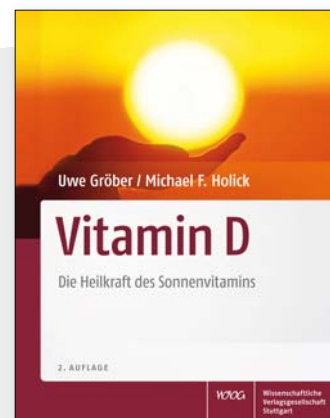
€ 39,80 [D]

ISBN 978-3-8047-3177-6

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

Pharmacists – physicians – pharmaceutical
technicians – nurses – patients



Published

– in German –

By Uwe Gröber and
Prof. Dr. Michael F. Holick.

Calendar for Pharmacists 2014

With a new layout, spectacular photography and fascinating descriptions, the 2014 *Calendar for Pharmacists* will accompany you through the entire year with 12 attractive objects and their stories.

This year, the calendar focuses on objects from the German Pharmacy Museum, most of which are presented here for the very first time. In its pages you will find striking advertisements, gracefully designed packaging, playful or coolly elegant medicine jars and a heavy-weight tube filling machine, along with Hygeia in the guise of a contemplative Art Nouveau beauty.

Let yourself be captivated again and again by intriguing stories and magnificent photographs.

2014. Twelve four-colour prints on art paper with calendar and, on the reverse, detailed descriptions and suggestions for further reading. Coloured title page. Format 49 x 49 cm. Spiral bound with eye for hanging up the calendar. Explanatory texts in English and German.

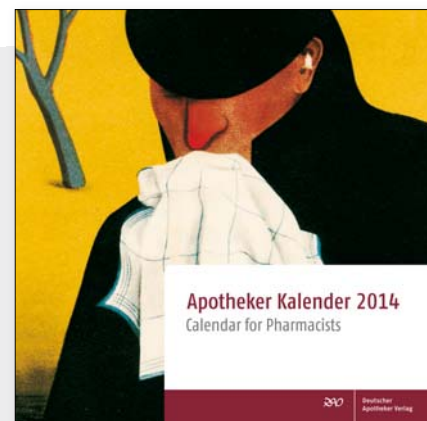
€ 78,- [D]

ISBN 978-3-7692-6130-1

Deutscher Apotheker Verlag

Readership

Pharmacists – physicians – art historians –
historians of pharmacy and medicine



Published

– in German –

Founded by Dr. Fritz Ferchl.
Continued by
Prof. Dr. Wolfgang Hagen-Hein
and later
Prof. Dr. Werner Dressendörfer.
Edited by Dr. Elisabeth Huwer.



Published

– in German –

By Prof. em. Dr. Dr. h.c.
Heinz Schilcher and
Ludwig Pfefferle.

Concentrated knowledge at your fingertips – that's *aporello* !

Schilcher / Pfefferle

Medicinal Plants

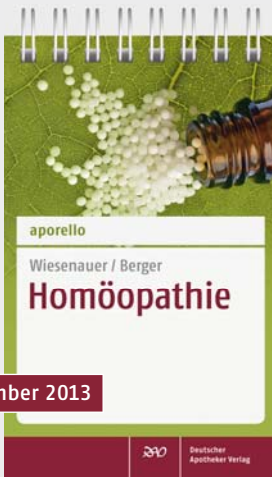
The *aporello Medicinal Plants* provides easy-to-find, reliable information on over 50 medicinal plants, including:

- active substances
- indications
- safety information
- proper preparation.

2013. 60 cards. 54 colour figures. Format 10,5 x 17 cm. Spiral binding.

€ 19,80 [D]

ISBN 978-3-7692-6113-4



November 2013

– in German –

By Dr. Markus Wiesenauer
and Reinhild Berger.

Wiesenauer / Berger

Homoeopathy

Which is better for a sore throat – belladonna, phytolacca, mercurius or apis? Use the *aporello* to get quick answers. Here, you will find the most common homoeopathic remedies for over 50 indications, with

- descriptions of symptoms
- dosages
- counselling tips.

2014. Approx. 60 cards. Format 10,5 x 17 cm. Spiral binding.

€ 19,80 [D]

ISBN 978-3-7692-6113-4



Published

– in German –

By Dr. Andreas S. Ziegler.

Ziegler

Active Substances in Formulation Practice

Are you a pharmaceutical technician or pharmacist compounding medications? Do you need information on an active substance? One turn of the *aporello*, and the facts you need are at your fingertips:

- the right dosage
- all of the necessary information about substance stability
- known incompatibilities
- an overview of compatible excipients

for over 60 common substances used in formulation.

2013. 60 cards. Format 10,5 x 17 cm. Spiral binding.

€ 19,80 [D]

ISBN 978-3-7692-6093-9

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmacy students – pharmacy interns – pharmaceutical technicians in training and on the job

Behrens

QM Basic**ApBetr0-Compliant Quality Management; with QM Handbook****As much as necessary, as little as possible**

According to the Apothekenbetriebsordnung ApBetr0 (German Pharmacy Operations Ordinance), German pharmacies must all implement a quality management system by June 2014. Pharmacists who do not require certification, though, can bypass some of the more complicated process documentation demanded by a "big" QM system.

QM Basic zeroes in on core processes in the pharmacy: the pharmacist's tasks and business matters. In doing so, it means that you can comply with the ApBetr0 with the least possible effort.

With *QM Basic*, you can draw up your own personalised QM handbook quickly and easily. The complete handbook template can be downloaded from www.online-PlusBase.de. It contains all of the standard templates as editable Word documents.

QM Basic

- helps you meet the demands of the ApBetr0
- limits itself to core processes
- provides a complete handbook template with easily personalised Word files
- offers checklists for self-inspection.

Complete work 2013. 274 pages. Format 21 x 29,7 cm. 1 ring binder.

Loose-leaf serial. € 98,- [D]

Prepublication price valid until 31.10.2013: € 79,80 [D]

ISBN 978-3-7692-6081-6

Deutscher Apotheker Verlag

Readership

Pharmacy managers – QM officers



Published

– in German –

By Dr. Ilsabe Behrens.

Friedland

Pharmaceutical Technology for Pharmaceutical Technicians

with CD-ROM

Your key to pharmaceutical technology

Custom formulation of drugs is a service that only the pharmacy can offer, and a service of immense importance to the patient. Pharmaceutical technicians are formulation experts and are responsible for top quality. A good grasp of pharmaceutical technology is a must!

The newly revised edition of "Friedland" opens the doors to drug formulation, both in the pharmacy and in industry. Learning goals at the beginning and questions for further study at the end of each chapter are an effective teaching aid, and clear illustrations make it easier to understand the material. The review course on the accompanying CD-ROM is the ideal companion to the textbook.

7th revised and updated edition 2013. XIV, 266 pages. 140 figures. 33 tables.

Softcover. With CD-ROM: Practice questions on pharmaceutical technology.

€ 29,80 [D]

Prepublication price valid until 31.12.2013: € 24,80 [D]

ISBN 978-3-8047-3093-9

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

*Pharmaceutical technicians in training
and on the job*



Published

– in German –

By Jürgen Friedland.



Published

– in German –

By Dr. Iris Hinneburg.

Hinneburg

Dementia and Parkinson's Disease Practical Counselling

Activate and motivate dementia and Parkinson's patients

Because dementia and Parkinson's are most common in older patients, we can expect a major increase in the number of patients solely as a result of demographic trends. Pharmacies are asked for guidance not only by the patients themselves, but by family members as well. Both groups are under a great burden and are thankful for every assistance. The pharmacist's task is to be aware of the customer's fears and to augment drug therapy with active counselling:

- tips on proper nutrition and exercise
- recommendations for aids that can make everyday tasks easier
- referral to counselling centres and self-help groups

Give your customers confidence with good counselling!

2013. XIV, 115 pages. 10 colour figures. 22 colour tables.

Format 17 x 21,5 cm. Softcover.

€ 18,80 [D]

ISBN 978-3-7692-5859-2

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmaceutical technicians –
pharmacy interns



Published

– in German –

By Dr. Iris Hinneburg.

Hinneburg

Interactions in Self-Medication mindCards

Recognise and evaluate interactions correctly!

Interactions in self-medication are an important issue in the pharmacy. Be on the safe side with *mindCards*.

mindCards show:

- which active substances can interact with each other,
- what can happen when substances interact, and
- how interactions can be avoided.

2nd edition 2013. 16 cards. 12 colour figures. Format 12 x 8 cm.

Card fan with Chicago screw.

€ 12,80 [D]

ISBN 978-3-7692-5855-4

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmacy interns –
pharmaceutical technicians

Jacobsen

Pharmaceutical Technology

A Pictorial Guide

Multimedia approach to formulation

From technician to pharmacy professor, there is always a first time when everyone charged with formulating drugs is confronted with a myriad of questions. "What is a standard dropper?" "What does a tube filler look like?" "What are all of those different bowls for?" For formulation beginners, a picture can be worth a thousand words, and this book will give them welcome assistance that can't be found anywhere else among the existing pharmacy textbooks. It contains:

- photographs of all the equipment and aids used in formulating medicines
- picture series showing various production methods step by step, making it easy to follow along
- definitions, characteristics and assays for all formulated drugs.

16 videos are provided free of charge in a special online area and show the proper production of all pharmaceutically relevant dosage forms. They show how to use equipment and tools properly. In addition, the multiple choice questions with commented solutions make this book your ideal companion when preparing for examinations.

2nd revised edition 2013. X, 180 pages. 329 colour figures. 59 colour tables. Paperback. With 16 videos at www.Online-PlusBase.de. € 34,80 [D]

Prepublication price valid until 31.12.2013: € 27,80 [D]

ISBN 978-3-8047-3161-5

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

Pharmacy students – pharmaceutical
technicians in training



– in German –

By Dr. Stephanie Jacobsen.

Johann

Anthroposophic Drugs

mindCards

Anthroposophic remedies for home use

Runny nose, upset stomach or itching eyes? Anthroposophic remedies can bring fast relief. But which remedy is best suited for which ailments?

mindCards will show you the way!

- Symptoms and causes help you make your selection.
- Descriptions of remedies provide the orientation you need.

Covering the twelve most important indications for self-medication, *mindCards* helps you quickly find the right remedy!

2013. 17 cards. 12 colour figures. Format 12 x 8 cm.

Card fan with Chicago screw.

€ 12,80 [D]

ISBN 978-3-7692-6023-6

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmacy interns –
pharmaceutical technicians



Published

– in German –

By Ruth Johann.



November 2013

– in German –

Founded by
Prof. Dr. Eckhard Leistner and
Prof. Dr. Siegmund-W. Breckle.
Revised by
Prof. Dr. Gisela Drews,
Prof. Dr. Michael Keusgen,
Dr. Christel Drewke and
Prof. Dr. Peter Krippel-Drews.

Drews et al.

Leistner / Breckle Compact Textbook of Pharmaceutical Biology Fundamentals / Systematics / Human Biology

“Leistner/Breckle” accompanied pharmacy students for over 30 years through the study. During this time, pharmaceutical biology has become a thematically enormously diverse discipline.

An extended team of authors has revised and expanded the contents of the popular textbook. Diagrams structure the text, study aids make it easier to work through the material, and colour brings the chapters to life.

A next-generation textbook – balanced contents, sound didactics and ideal visual presentation.

8th revised and enlarged edition 2014. XII, 744 pages.
447 colour figures. 37 tables. Softcover.

€ 59,-[D]

Prepublication price valid until 31.01.2014: € 47,20 [D]

ISBN 978-3-8047-3031-1

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

Pharmacy and biology students



Published

– in German –

By Dr. Elfriede
Nusser-Rothermundt.
In collaboration
with Ralph Kluge.

Nusser-Rothermundt

CheckAp QMS Good – Better – Pharmacy

QMS? Yes, please!

It is clear that pharmacies need quality management systems, but how can they implement them effectively? An experienced auditor shows how QM systems can benefit pharmacies.

- Which model is best for which pharmacy?
- Which steps should be taken to integrate a QM system into daily routine?
- What potential does a fully implemented QM system have?

Smooth operations will convince your customers: Here is quality at work!

Online Plus: Now with a quick check: How much QMS do you already have in your pharmacy? An easy-to-do status check is ready to download from www.CheckAp.de.

2nd completely revised 2014. 136 pages. 14 colour figures.
7 colour tables. Format 11,5 x 16,5 cm. Softcover.

With Online Plus at www.CheckAp.de.

€ 24,80 [D]

ISBN 978-3-7692-6095-3

Deutscher Apotheker Verlag

Readership

Pharmacists in their pharmacies

Ott / Wieger

CheckAp Pharmacy with a Difference

Unique – Creative – Strategically Positioned

Stand out from the crowd

Television, newspaper, internet ... pharmacy? Nowadays, we are bombarded with health advice from every quarter, so how can a pharmacy position itself so that customers will look there first for answers to their health questions?

- What brings customers to the pharmacy – real or virtual?
- How can your pharmacy attract the customer's attention?
- What services and information do customers really want?

A book for pharmacies who want to stay a step ahead of the game.

2nd revised edition 2014. 112 pages. 16 colour figures.

1 colour table. Format 11,5 x 16,5 cm. Softcover.

€ 19,80 [D]

ISBN 978-3-7692-5862-2

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmaceutical technicians –
pharmaceutical retail assistants



Published

– in German –

By Rüdiger Ott and
Claudia Wieger.

Peuke / Dreeke-Ehrlich

Pocket Guide to Drug Formulation

Guidelines for Production

The formulation of drugs is not only time-consuming, but demands a thorough knowledge of pharmaceutical technology. Standards in formulation techniques ensure consistent quality in the prepared drugs.

- Mortar and pestle or blender system? Guidelines help you optimise production for every formulation process.
- Stability, compatibility or preservation? Monographs on active substances and fundamentals answer even special questions.

4th completely revised edition 2014. Approx. 500 pages.

Format 11,5 x 16,5 cm. Flexible.

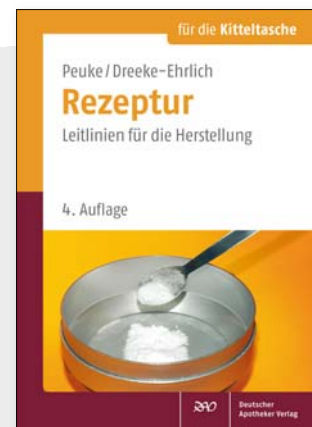
Approx. € 35,- [D]

ISBN 978-3-7692-5858-5

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmacy interns –
pharmaceutical technicians



November 2013

– in German –

By Claudia Peuke and
Martina Dreeke-Ehrlich.



Published

– in German –

By Dr. Ralf Schwarzbach and
Susann Buchheim-Schmidt.

Schwarzbach / Buchheim-Schmidt

Calculations for Pharmaceutical Technicians

Math made easy

Preparing isotonic eyedrops, adjusting volumetric solutions, converting concentrations, calculating prices – many of your tasks in the pharmacy look complicated, but never fear!

Two experienced authors take you by the hand and guide you from basic arithmetic all the way to chemical and pharmaceutical calculations so that you'll never be afraid of numbers and formulas again. Everything is explained step by step so that you can easily carry out the necessary calculations yourself.

This textbook for pharmaceutical technicians is a reliable introduction to practical mathematics and an ideal reference for everyday use in the pharmacy.

2013. X, 230 pages. Approx. ### pages. 27 colour figures.

22 colour tables. Paperback.

€ 25,90 [D]

ISBN 978-3-7692-5843-1

Deutscher Apotheker Verlag

Readership

Pharmaceutical technicians in training and on the job – pharmacy students – pharmacy interns



Published

– in German –

By Heide Tetzner.

Tetzner

Lipometabolic Disorders

Practical Counselling

Get lipometabolic disorders under control.

Lipid-lowering drugs are dispensed in pharmacies every day, and in fact atherosclerosis-related diseases are the most frequent cause of death in Germany. But atherosclerosis is not a one-way street. A healthy lifestyle and suitable treatment can help normalise lipid metabolism. Active counselling by pharmacy personnel can make a big difference. Take advantage of

- information on disease and therapy that your patient can understand
- practical tips on nutrition and exercise
- improved compliance through extra service such as cholesterol measurement.

Know the facts, and enjoy patient counselling with confidence.

2013. XIV, 167 pages. 20 colour figures. 53 tables.

Format 17 x 21,5 cm. Softcover.

€ 18,80 [D]

ISBN 978-3-7692-5911-7

Deutscher Apotheker Verlag

Readership

Pharmacists – pharmaceutical technicians – pharmacy interns

Witte / Zur Mühlen

Pharmacy Management

Lower Costs – Raise Profits – Be Ready for the Future

Pave the way for effective management!

Each change in regulations can radically affect the economic situation of a pharmacy. Only by changing with the times can we stay on top of things, and it is becoming more and more important to apply the principles of business administration in running a pharmacy.

Two recognised experts show pharmacists how they can

- analyse their business, recognise crises and master them
- utilise profit potential and keep a lid on costs
- recognise opportunities and develop strategies for action.

Armed with the knowledge in this book, pharmacists can master these new challenges and make their business ready for the future.

2nd completely revised edition 2013. XIV, 245 pages. 16 colour figures. 47 colour tables. Hardcover.

€ 45,- [D]

Prepublication price valid until 31.12.2013: € 36,- [D]

ISBN 978-3-7692-5271-2

Deutscher Apotheker Verlag

Readership

Pharmacists – auditors – tax advisors



Published

– in German –

By Dipl.-Kfm. Axel Witte and
Dipl.-Bw. Doris Zur Mühlen.

Wolf

Formulation

Identifying, Solving and Avoiding Problems

Tips from the expert

When preparing dermatological formulations, the Devil is often in the details, because many formulations can't pass plausibility checks. But where is the solution?

Whether you are a pharmacist or a pharmaceutical technician, you can let the author's professional experience guide you. Optimised specifications and practical tips make your formulation work easier. Thanks to tested pointers, you can effortlessly avoid common problems and learn how to:

- select the most suitable base,
- avoid incompatibilities,
- improve stability, and
- preserve individual prescription medicines.

Formulate with confidence, and learn how to produce semisolid and liquid dermatological formulations in the best possible quality.

4th edition 2014. XIV, 226 pages. Softcover.

€ 34,- [D]

Prepublication price valid until 31.12.2013: € 27,80 [D]

ISBN 978-3-7692-6073-1

Deutscher Apotheker Verlag

Readership

Consumers – pharmacists – pharmaceutical
technicians – dermatologists – cosmeticians –
chemist's shops – perfumeries



Published

– in German –

By Dr. Gerd Wolf.



Published

– in German –

By Dipl.-Ing. Xenia Petsitis
and Dr. Katrin Kipper.

Petsitis / Kipper

Decorative Cosmetics and Facial Care

Product Know How and Proper Use

Face the world with confidence!

Let this book take you on a journey into the fascinating world of beauty and colour. Two authors with years of experience in the cosmetics industry and training pass on their detailed knowledge about cosmetic products. The reader is given the firm foundation needed to judge and select quickly and confidently. Photographs and illustrations galore add to the written content and make the book a pleasure to read. A wealth of tips on correct use help put all this knowledge to practise and accompany the reader on her way to becoming a skilled cosmetics advisor.

The dream of beauty is the luxury of pampered skin and skilfully chosen and applied makeup – to face the world with confidence!

2nd completely revised edition 2013. XII, 241 pages. 116 colour figures.

53 colour tables. Hardcover.

€ 39,80 [D]

Prepublication price valid until 30.11.2013: € 32,- [D]

ISBN 978-3-8047-2930-8

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

Consumers – pharmacists – pharmaceutical
technicians – dermatologists – cosmeticians –
chemist's shops – perfumeries



Published

– in German –

By Dr. Markus Wiesenauer
and Annette Kerckhoff.

Wiesenauer / Kerckhoff

Family Homoeopathy

Homoeopathy has hardly ever been more popular and up-to-date. It has been especially successful as a regulatory therapy for children. Hence, especially mothers are interested in this method of treatment. This guide will help you to deepen your understanding of homoeopathy. Read about a medical doctor's practice and its experience with homoeopathy, and find your own way to get well.

This book's main focus is on the "homoeopathic medicine cabinet", as well as containing comprehensible tables, which make it easier to find the "right" agents. And, importantly, remedies for children and pregnant women are specifically marked.

11th updated and redesigned edition 2013. 312 pages.

Numerous figures. Format 17 x 21,5 cm. Softcover.

€ 22,80 [D]

ISBN 978-3-7776-2307-8

S. Hirzel Verlag

Readership

Patients – mothers / pregnant women – pharma-
cists – pharmaceutical technicians in training
and on the job – non-medical practitioners

Grassberger / Schmid

Death Investigations**Gathering and Securing Evidence**

This practical handbook provides investigating policemen, lawyers and physicians with the basic knowledge they need for their very exacting task. Particular emphasis is placed on those topics that generally pose the greatest problems:

- scientific determination of time of death
- bloodstain patterns
- investigations after arson and traffic accidents
- and new in the 2nd edition: mountain climbing accidents.

Because of its easy-to-understand explanations, its interdisciplinary approach and its comprehensive picture documentation, this handbook is also suitable for police training.

2nd edition 2014. XVI, 379 pages. 4 colour figures. Hardcover.

Approx. € 50,- [D]

ISBN 978-3-8047-3201-8

Wissenschaftliche
Verlagsgesellschaft Stuttgart

Readership

*Investigating policemen – lawyers –
physicians – police officers in training*



– in German –

*By Priv.-Doz. Dr. Dr.
Martin Grassberger
and Harald Schmid,
Chief Inspector, A. D.*

Junker

Physics for the Clueless**An Introduction for Students****Thermal radiation? Semiconductors? Ohm's law? – Help!**

In almost every technical, medical and scientific subject, students are confronted with the problem of reviewing or catching up on physics – often not their favorite subject back in school.

This book provides an understandable yet comprehensive introduction to the world of Newton and Heisenberg.

All of the disciplines – mechanics, thermodynamics, acoustics, optics, electronics, magnetism and nuclear physics – can be studied independently of each other and are clearly explained.

Physics is for everybody!

4th revised edition 2013. XVI, 384 pages. 437 figures.

5 tables. Softcover.

€ 39,80 [D]

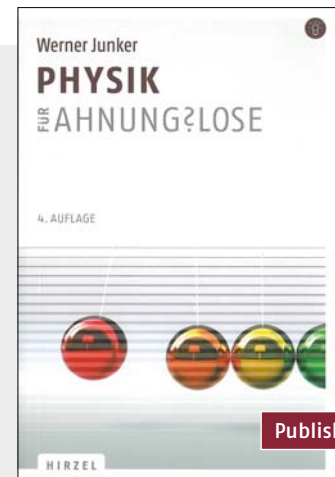
Prepublication price valid until 31.10.2013: € 34,80 [D]

ISBN 978-3-7776-2332-0

S. Hirzel Verlag

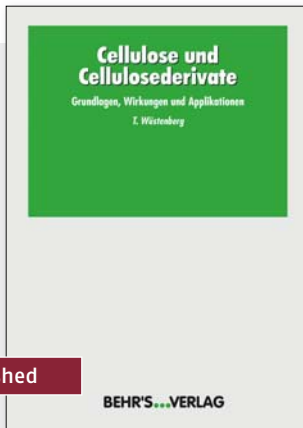
Readership

*Students of the natural sciences, medicine
and engineering*



– in German –

By Dr. Werner Junker.



Published

BEHR'S...VERLAG

– in German –

By Tanja Wüstenberg.

Wüstenberg

Cellulose and Cellulose Derivatives

Fundamentals, Interactions and Applications

When the French chemist Anselme Payen first extracted cellulose in 1838, he probably had no idea how important this substance would become. In addition to its primary use in the production of paper and paperboard, cellulose is used to produce some 60,000 metric tons of cellulose ether for use in foods, cosmetics and pharmaceutical products. This book describes the chemical structures and their interactions in cellulose and the cellulose derivatives used in foods, cosmetics and pharmaceutical products. In addition to functional characteristics the book also describes and explains the various applications in an easy to understand fashion. Because of the numerous sample applications, practising chemists are able to test and refine existing formulations. This makes the book a comprehensive standard reference for everyone using cellulose and its derivatives in their products.

From the contents

- cellulose • microcrystalline cellulose • fundamentals of water-soluble cellulose ether and methyl cellulose • ethyl cellulose • hydroxypropyl methyl cellulose • methyl ethyl cellulose • sodium carboxymethyl cellulose • carboxymethyl cellulose, enzymatically hydrolysed

1st edition 2013. 444 pages. A5 format. Hardcover.

€ 106,47 [D]

ISBN 978-3-95468-019-1

Behr's Verlag

Readership
Food industry



Published

BEHR'S...VERLAG

– in German –

Edited by Alfred Töpel.

Töpel

Chemistry and Physics of Milk

Natural Product – Raw Material – Foodstuff

Highly respected in the dairy industry, the reference book *Chemistry and Physics of Milk* compiles everything known about the chemical and physical properties of milk. It provides valuable insights and facts that help the reader better control the highly complex system that is milk. Readers will find the technical information about controlling the pH value of milk products, the crystallisation conditions of milk fat and temperature influences on milk protein particularly useful.

From the contents

- the importance of milk
- the composition and components of milk
- identification and analysis of milk ingredients
- protective agents – antibacterial substances in milk
- milk as a polydisperse system
- physical and chemical characteristics
- milk as a foodstuff
- milk as a raw material
- processing and treatment of milk and milk components

3rd edition 2013. 800 pages. Format 170 x 248 mm. Hardcover.

€ 159,97 [D]

ISBN 978-3-95468-037-5

Behr's Verlag

Readership
Food industry

Hartwig / von der Linden / Skrobisch

Heat Preservation in the Food Industry

Germ reduction, fermentation and enzyme activation play a major role in heat preservation. D and F values, cooking value, E value and heat transfer are only a few of the terms used in this connection. But what do all these expressions mean, and how can F values and z values be calculated? What factors influence heat transfer? How can processing times be shortened? The authors answer these and other questions in the area of heat preservation of foods. Their book focuses on practical knowledge from food engineers for food engineers.

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- food spoilage
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- z value – influence of temperature on time
- F value – index value vs. actual value
- E value – enzymes and their role in the heat processing of foods
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- factors influencing heat transfer
- temperature measurements
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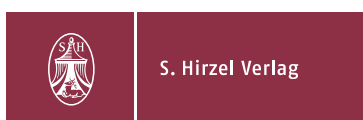
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