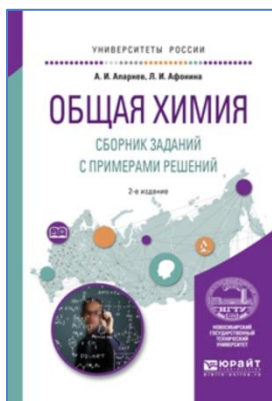


**Перечень книг, поступивших в читальный зал библиотеки химического
факультета (к. 401)
(№ 8, июль 2019 г.)**

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Химия. Кристаллография. Минералогия

**54
А 761**



Апарнев, А. И. Общая химия. Сборник задач с примерами решений : учеб. пособие для вузов / А. И. Апарнев, Л. И. Афонина ; Новосибирский гос. технический ун-т. - 2-е изд., испр. и доп. - Москва : Юрайт , 2017. - 120 с.

ч.з. -1 экз.

Настоящее учебное пособие охватывает основные разделы общей химии: химический эквивалент, окислительно-восстановительные реакции в растворах, энергетика и направление химических процессов, химическое равновесие, растворы, коллоидные системы, электрохимические процессы.

Каждый раздел содержит краткое теоретическое введение, примеры решения задач и задания для самостоятельного решения.

**547
Г 217**



Гаршин, А. П. Органическая химия в рисунках, таблицах, схемах : учеб. пособие для прикладного бакалавриата, для студ. вузов, обуч. по естественнонауч. напр. / А. П. Гаршин. - 3-е изд., испр. и доп. - Москва : Юрайт, 2017. - 239 с.

ч.з. -1 экз.

В учебном пособии изложены теоретические основы органической химии. Рассмотрено строение, физические и химические свойства, способы получения и области применения предельных, непредельных, диеновых и ароматических углеводородов, всех кислородсодержащих органических

соединений, аминов, анилина, аминокислот, амидов карбоновых кислот и нитросоединений. Дается краткая характеристика белков, пептидов и гетероциклических соединений. Описаны нуклеиновые кислоты, их состав и виды, гидролиз и структура. Рассмотрены виды полимерных материалов, их строение, основные технические свойства и области применения. Приведены и описаны органические соединения и химические процессы в живых организмах.

547
Ж 524

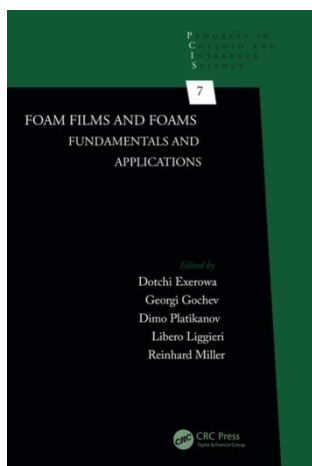


Желтов, А. Я. Химия и технология органических красителей. Цветность соединений : учеб. пособие для бакалавриата и магистратуры, для студ. вузов, обуч. по естественнонауч. напр., по спец. "Хим. технология органических веществ" / А. Я. Желтов, В. П. Перевалов. - 2-е изд., испр. и доп. - Москва : Юрайт, 2017. - 345 с.

ч.з. -1 экз., аб. – 1 экз.

В учебном пособии рассмотрено влияние структурных и электронных факторов на цвет органических соединений. В нем показана природа света и происхождение цветоощущения, основные принципы метода возмущения молекулярных орбиталей, представлены экспериментальные методы изучения электронной структуры молекул, даны основные положения теории цветности, а также рассмотрены свойства возбужденного состояния молекул и его дезактивации.

544
F 71



Foam Films and Foams : Fundamentals and Applications / ed. by Dotchi Exerowa [et al.]. - Boca Raton ; London ; New York : CRC Press : Taylor & Francis Group, 2019. - xxv, 502 с.

ч.з. -1 экз.

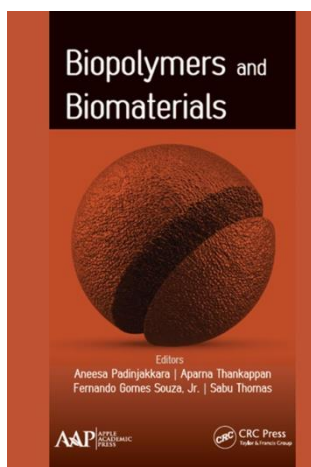
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Биологические науки в целом

577
B 60



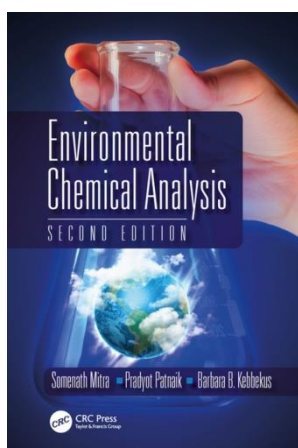
Biopolymers and Biomaterials / ed. by Aneesa Padinjakkara [et al.]. - Oakville ; Waretown : Apple Academic Press : CRC Press : Taylor & Francis Group, 2019. - xvi, 370 с.

ч.3. -1 экз.

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502
M 76



Mitra, Somenath. Environmental Chemical Analysis / Somenath Mitra, Pradyot Patnaik, Barbara B. Kebbekus. - 2nd ed. - Boca Raton ; London ; New York : CRC Press : Taylor & Francis Group, 2019. - xxi, 427 с.

ч.3. -1 экз.

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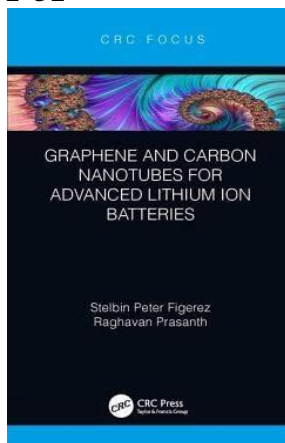
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Инженерное дело. Техника в целом

621.3

F 51



Figerez, S. P. Graphene and Carbon Nanotubes for Advanced Lithium Ion Batteries / Stelbin Peter Figerez, Raghavan Prasanth. - Boca Raton ; London ; New York : CRC Press : Taylor & Francis Group, 2019. - xxviii, 175 с.

ч.3. -1 экз.

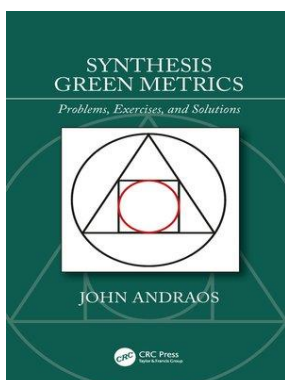
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Химическая технология

661

A 55



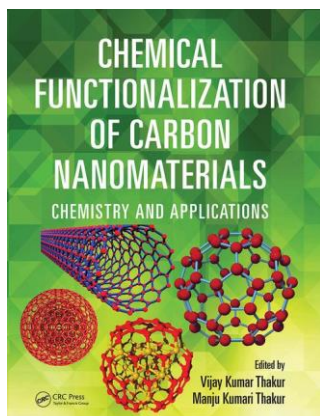
Andraos, J. Synthesis Green Metrics : Problems, Exercises, and Solutions / John Andraos. - Boca Raton ; London ; New York : CRC Press : Taylor & Francis Group, 2019. - xii, 513 с.

ч.3. -1 экз.

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661
C 51



Chemical Functionalization of Carbon Nanomaterials : Chemistry and Applications / ed. by Vijay Kumar Thakur, Manju Kumari Thakur. - Boca Raton ; London ; New York : CRC Press : Taylor & Francis Group, 2017. - xxiv, 1077 с.

ч.з. -1 экз.

ISBN 13: 978-1-4962-3279-0

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678
T 384



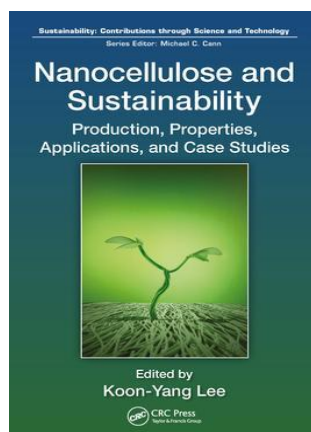
Технология переработки полимеров. Физические и химические процессы : учеб. пособие для вузов, для студ., обуч. по спец. "Технология переработки пластичных масс и эластомеров" / под ред. М. Л. Кербера. - 2-е изд., испр. и доп. - Москва : Юрайт, 2017. - 315 с.

ч.з. -1 экз.

В учебном пособии раскрываются важнейшие физические и химические процессы, связанные с переработкой различных полимеров. Рассмотрены процессы теплопередачи, деформирования в широком диапазоне температур, ориентации и релаксации, формирования пространственной

структуры, вулканизации каучуков и резиновых смесей. Описаны структурные и фазовые переходы – стекловарение, кристаллизация – и пути влияния на скорость и глубину их протекания. Представлено возникновение различного рода напряжений и связанных с ними усадочных явлений. Приведены деструктивные процессы при переработке, описано влияние на них кислорода и механических воздействий.

676
N 21



Nanocellulose and Sustainability : Production, Properties, Applications, and Case Studies / ed. by Koon-Yang Lee. - Boca Raton ; London ; New York : CRC Press : Taylor & Francis Group, 2018. - xiii, 295 c.

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