

SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA

KOLEKSI BUKU (MEI-SEPT 2021)

BIL	JUDUL/PENGARANG	PENERBIT	TAHUN TERBIT	ISBN	JUMLAH NASKHAH
1	ISO 4037-1 Radiological protection – X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy – Part 1: Radiation characteristics and production methods	International Standard	2019	Tiada	1
2	ISO 4037-2 Radiological protection – X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy – Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1,3 MeV and 4 MeV to 9 MeV	International Standard	2019	Tiada	1
3	ISO 4037-3 Radiological protection – X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy – Part 3: Calibration of area and personal dosimeters and the measurement of their response as a function of energy and angle of incidence	International Standard	2019	Tiada	1
4	ISO 4037-4 Radiological protection – X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy – Part 4: Calibration of area and personal dosimeters in low energy X reference radiation fields	International Standard	2019	Tiada	1
5	ISO 29661 Reference radiation fields for radiation protection – Definitions and fundamental concepts	International Standard	2012	Tiada	1

6	ISO 29611 Reference radiation fields for radiation protection – Definitions and fundamental concepts	International Standard	2015	Tiada	1
7	DRAFT AMENDMENT ISO 29661:2012/DAM 1 Reference radiation fields for radiation protection – Definitions and fundamental concepts AMENDMENT 1	International Standard	2014	Tiada	1
8	The Electrostatic accelerator : a versatile tool by Ragnar Hellborg	Morgan & Claypool Publication	2019	978-1-64327-353-2	1
9	Industrial Tomography : systems and applications edited by Mi Wang	Woodhead Publishing	2015	978-1-78242-118-4	1
10	The Science and Technology of Particle Accelerators by Rob Appleby	CRC Press	2021	978-1-138-49987-4	1
11	X-Ray Imaging : fundamentals, Industrial Techniques and Applications by Harry E. Martz	CRS Press	2019	978-0-8493-9772-1	1
12	Introduction to high energy physics by Donald H. Perkins	Cambridge University Press	2000	978-0-521-62196-0	1
13	Soil of Malaysia edited by Muhammad Aqeel Ashraf	CRC Press	2018	978-1-138-19769-5	1
14	Density Matrix Theory and Applications by Karl Blum	Springer	2012	978-3-642-20560-6	1
15	Discrete fracture network modeling of hydraulic stimulation : Coupling flow and geomechanics by Mark W. McClure	Springer	2013	978-3-319-00382-5	1
16	Accelerator Technology : applications in science, medicine, and industry by Soren Moller	Springer	2020	978-3-030-62307-4	1
17	Inertial electrostatic confinement (IEC) fusion : fundamentals and applications by George H. Miley	Springer	2014	978-1-4614-9337-2	1
18	Introduction accelerator dynamics by Sephen Peggs	Cambridge University Press	2017	978-1107-13284-9	1
19	Perintah-perintah Am dan Arahan pentadbiran	IBLS	2021	978-967-89-2875-5	10

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KOLEKSI BULLETIN/MAJALAH/JURNAL (MEI-SEPT 2021)

BIL	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
			VOL	ISU	BULAN	TAHUN	
1	i-nuklear	Agensi Nuklear Malaysia		Bil. 1		2020	4
2	i-nuklear	Agensi Nuklear Malaysia		Bil.2		2020	4
3	Laporan tahunan 2019 Perpustakaan Negara Malaysia	Perpustakaan Negara Malaysia				2019	1
4	Sekitar Perpustakaan	Perpustakaan Negara Malaysia		Bil.50		2020	1
5	Sekitar Perpustakaan	Perpustakaan Negara Malaysia		Bil.51		2020	1
6	Lab Asia	International Labmate Ltd	Vol. 46	Isu 2	April	2021	1
7	IAEA Publications Catalogue 2021	IAEA				2020-2021	4
8	Uganda High Commission Kuala Lumpur Magazine	Uganda High Commission				2020	5
9	Nuclear Energy series IAEA	IAEA Publications				2021	1
10	Wiley Microscopy and Analysis	John Wiley & Sons. Ltd.		Isu145	Mac/ April	2021	1
11	Wiley Microscopy and Analysis	John Wiley & Sons. Ltd.		SPM supp		2021	1
12	Dewan Kosmik	Dewan Bahasa Dan Pustaka		Bil.5		2021	2
13	Dewan Kosmik	Dewan Bahasa Dan Pustaka		Bil.6		2021	2
14	Dewan Kosmik	Dewan Bahasa Dan Pustaka		Bil.7		2021	2
15	Dewan Kosmik	Dewan Bahasa Dan Pustaka		Bil.8		2021	2
16	Dewan Masyarakat	Dewan Bahasa Dan Pustaka		Bil.5		2021	2
17	Dewan Masyarakat	Dewan Bahasa Dan Pustaka		Bil.6		2021	2
18	Dewan Masyarakat	Dewan Bahasa Dan Pustaka		Bil.7		2021	2
19	Dewan Masyarakat	Dewan Bahasa Dan Pustaka		Bil.8		2021	2
20	Reader's Digest	Reader's Digest publishers			May	2021	2

21	Reader's Digest	Reader's Digest publishers			Jun	2021	2
22	Reader's Digest	Reader's Digest publishers			Jul	2021	2
23	Reader's Digest	Reader's Digest publishers			Ogos	2021	2
24	FRIM focus	FRIM			Mac	2021	1
25	FRIM focus	FRIM			Jun	2021	1
26	Buletin Istana Negara	Istana Negara		Bil. 3	Jul-Sept	2020	2
27	Buletin Istana Negara	Istana Negara		Bil. 4	Okt-Dis	2020	2
28	Lab Asia	International Labmate Ltd	Vol. 28	Isu 4	Ogos	2021	1
29	The Journal for Science, Engineering and Technology - advances	Llywodraeth Cymru		Isu 96		2021	1
30	Chronicle 2021	University of St Andrews				2021	1
31	Wipo Magazine	WIPO Publication		No.2	Jun	2021	1
32	CAM	The University of Cambridge		Isu 93		2021	1
33	CBRNe WORLD	Falcon Communications Limited			Jun	2021	1
34	Annual Report 2020 A	Azmi & Associates				2020	1
35	The Ingenieur	Lembaga Jurutera Malaysia	Vol. 86		April-Jun	2021	1
36	Nuclear Science and Technology	Vietnam Atomic Energy Society	Vol. 10	No.3	Sept	2020	1
37	Nuclear Science and Technology	Vietnam Atomic Energy Society	Vol. 10	No.4	Dis	2020	1
38	Berita Perikanan	Jab. Perikanan Malaysia		Bil. 117	Jun	2021	1

TERBITAN IAEA YANG TERKINI (MEI-SEPT 2021)

The IAEA is pleased to announce the publication of:

Production, Quality Control and Clinical Applications of Radiosynovectomy Agents

IAEA Radioisotopes and Radiopharmaceuticals Reports No. 3

Therapeutic radiopharmaceuticals play a major role in today's nuclear medicine with a positive impact on the diagnosis and treatment of diseases. One area of application is radiation synovectomy (RSV). Previously, RSV agents were often simple colloids. More recently, matrixes labelled with short/medium range beta emitters have been developed. However, the lack of generic and peer-reviewed production, quality control as well as clinical application guidelines and recommendations, are a major concern for their application in patients. This publication presents recommendations and suggestions for production, quality control and quality assurance procedures for Member State laboratories in charge of radiopharmaceutical production, with a focus on the latest RSV agents. It also proposes standard operating procedures for RSV application in patients. The publication aims to assist both newcomers and those currently working in the field in establishing comparable levels of control.

[STI/PUB/1915, 123 pp., 39 figs.; 2021; ISBN: 978-92-0-118520-4, English, 42.00 Euro](#)

The electronic version for the above publication can be found below:

[Production, Quality Control and Clinical Applications of Radiosynovectomy Agents | IAEA](#)

Managing Nuclear Safety Knowledge: National Approaches and Experience

Safety Reports Series No. 105

This publication provides practical guidance and information to Member States on how to manage nuclear safety knowledge at the national level, beyond the boundaries of individual organizations. It describes the underlying concepts, challenges and available approaches and tools, as well as summarizing the experience gained by Member States to date. The publication is in line with the ultimate objective of all nuclear safety knowledge management activities, which is to sustain and improve the competence of individuals and the capacity of organizations or countries to use such knowledge effectively and responsibly.

[STI/PUB/1938, 45 pp., 10 figs; 2021; ISBN: 978-92-0-104221-7, English, 86.00 Euro](#)

Electronic version can be found:

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[Managing Nuclear Safety Knowledge: National Approaches and Experience | IAEA](#)

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Computer Security for Nuclear Security

IAEA Nuclear Security Series No. 42-G

This publication provides detailed guidance on developing, implementing, and integrating computer security as a key component of nuclear security. This guidance applies to computer security aspects of nuclear security and its interfaces with nuclear safety and with other elements of a State's nuclear security regime, including the security of nuclear material and nuclear facilities, of radioactive material and associated facilities, and of nuclear and other radioactive material outside of regulatory control. The scope of this publication includes: computer-based systems, the compromise of which could adversely affect nuclear security or nuclear safety; the State's and relevant entities roles and responsibilities in relation to computer security in the nuclear security regime; the activities of the State in establishing and implementing a computer security strategy for nuclear security; the elements and measures for subordinate computer security programmes; and the activities to sustain the strategy.

STI/PUB/1918; 86 pp., 8 figs; 2021; ISBN: 978-92-0-121120-0, English, 40.00 Euro

Electronic version can be found:

[Computer Security for Nuclear Security | IAEA](#)

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Nuclear Power Reactors in the World

2021 Edition

Reference Data Series No. 2

This is the 41st edition of Reference Data Series No. 2, which presents the most recent reactor data available to the IAEA. It contains summarized information as of the end of 2020 on power reactors operating, under construction and shut down as well as performance data on reactors operating in the IAEA Member States. The information is collected through designated national correspondents in the Member States and the data are used to maintain the IAEA's Power Reactor Information System (PRIS).

[IAEA-RDS-2/41; 84 pp., 6 figs; 2021; ISBN: 978-92-0-124421-5, English, 18.00 Euro](#)

Electronic version can be found:

[Nuclear Power Reactors in the World | IAEA](#)

QUANUM 3.0: An Updated Tool for Nuclear Medicine Audits

Third Edition

IAEA Human Health Series No. 33

The Quality Management Audits in Nuclear Medicine (QUANUM) programme has proven to be applicable to many nuclear medicine services across a variety of economic circumstances. It considers the diversity of nuclear medicine practices around the world and covers multidisciplinary contributions. The present revision, QUANUM 3.0, follows the principle of continuous quality improvement and reflects new scientific developments. It draws on valuable lessons learned from more than a decade of global implementation of QUANUM with the assistance of experienced nuclear medicine professionals.

[STI/PUB/1923, 87 pp., 9 figs.; 2021; ISBN: 978-92-0-127120-4, English, 47.00 Euro](#)

The electronic version for the above publication can be found below:

[QUANUM 3.0: An Updated Tool for Nuclear Medicine Audits | IAEA](#)

Management of Residues Containing Naturally Occurring Radioactive Material from Uranium Production and Other Activities

IAEA Safety Standards Series No. SSG-60

This Safety Guide provides recommendations on the establishment of an appropriate regulatory framework for the management of naturally occurring radioactive material (NORM) residues in an integrated manner and using a graded approach. It also elaborates on roles and responsibilities, options for management of NORM residues, long term safety of NORM residues, and exemption and clearance.

The publication is targeted at regulatory bodies, operating organizations, technical support organizations and other parties who are interested and involved in management of NORM residues.

STI/PUB/1883, 108 pp., 1 fig.; 2021; ISBN: 978-92-0-106219-2, English, 42.00 Euro

The electronic version for the above publication can be found below:

[Management of Residues Containing Naturally Occurring Radioactive Material from Uranium Production and Other Activities | IAEA](#)