

# NAME INDEX

<b>[A]</b>		<b>[H]</b>		ITO, Yoshiaki	48
AGOU, Tomohiro	4	HAN, Joon Soo	4	IWAMOTO, Takahiro	12
AKASHI, Tatsuki	10	HANCOCK, Timothy Peter	62	IWASHITA, Yoshihisa	42, 73
AKI, Shiori	22	HARUTA, Mitsutaka	46, 75	IWAYA, Takashi	50
AKUTSU, Tatsuya	60, 75	HASHIDA, Masaki	44	IYOKU, Hiroomi	30
AMR, Mohammed Hassan	32	HASHIMOTO, Sigma	50		
ANZAI, Naoko	22	HASHIMOTO, Toru	50	<b>[J]</b>	
AOYAGI, Miho	32	HATA, Yasuo	48	JAHANGIRI, Fazel	44
AOYAMA, Takashi	22	HATAKEYAMA, Takuji	50	JIN, Ling	34
ARAKAWA, Tomonori	16	HATAYAMA, Yasuaki	14	JIN, Zhao	58
ASAI, Tomoki	20	HATSU, Takako	46	JUNI, Naoto	40
ASAKAWA, Harutoshi	34, 75	HATTORI, Masahiro	58		
ASAMI, Koji	38	HAYASHI, Kazuhiro	8	<b>[K]</b>	
ASO, Ryotaro	46	HAYASHIDA, Morihiro	60	KAJI, Hironori	26
AZUMA, Koji	8	HIDESE, Ryota	32	KANAYA, Toshiji	34
AZUMA, Masaki	52	HIRAI, Asako	26	KANEHISA, Minoru	58
AZUMA, Yusuke	18, 74	HIRAKAWA, Mika	58	KANEKO, Yoshikazu	4
		HIRAMOTO, Keisuke	36, 75	KANEMITSU, Yoshihiko	56
<b>[B]</b>		HIRANO, Daisuke	56	KARINO, Yasuhito	30
BROWN, John	60	HIRANO, Toshiko	4	KARIYA, Ayuta	46
		HIRANUKA, Kazushi	58	KASAI, Shinya	73
<b>[C]</b>		HIRATA, Nao	24	KASAI, Wataru	32
CHEN, Chun-Wei	68	HIRATAKE, Jun	20	KATAKURA, Shiro	36
CHEN, Quan	36	HIROKANE, Mayu	44	KATAYAMA, Sayaka	18
CHEN, Wei-tin	52	HIROMASA, Tatsuya	42	KATHRIARACHCHIGE DON, Suresh Kalum Kathriarachchi	50
CHEN, Zhang	58	HIROSE, Hisaaki	18	KATO, Utako	40
CHIBA, Daichi	16, 71	HONDA, Wataru	58	KATO, Yuki	60, 75
CHIDA, Kensaku	16	HONJO, Seiji	8	KATSUYA, Satoshi	6
CHUNG, Changkwon	36	HORIE, Keita	12	KAWABATA, Jun	34
CID, Abigail Parcasio	28	HORIE, Keita	14	KAWABATA, Takeo	8
		HORIO, Kazushi	36	KAWABATA, Yu	8
<b>[D]</b>		HSU, Shu-Yao	10	KAWAGUCHI, Hisafumi	26
DAI, Xianzhu	32	HU, Qian-Nan	58	KAWAI, Masanori	52
DELMO, Michael Picazo	16, 72	HUANG, Yun	10	KAWAMOTO, Jun	32, 75
DONG, Hong Ju	58			KAWAMURA, Shintaro	50
du VERLE, David	62	<b>[I]</b>		KAWANO, Yuko	10
		ICHIKAWA, Masahiro	42	KAWASAKI, Yoji	36
<b>[E]</b>		ICHIKAWA, Noriya	52	KAWASHIMA, Kazuko	34
ERGUNER, Bekir	58	IKEDA, Keisuke	26	KAWAUCHI, Tatsuro	38
		IKEGUCHI, Keiji	20	KAWAZOE, Yoshinori	24
<b>[F]</b>		IKENOUCI, Junichi	40, 72	KAYAHARA, Eiichi	12
FIRDAUS, Mochamad Lutfi	28	IKEUCHI, Hideyuki	20	KAYANO, Mitsumori	62
FUJIIHASHI, Akiko	8	IMABAYASHI, Hiroki	38	KAZAMA, Ichiro	42
FUJII, Tomomi	48	IMAI, Haruka	18	KHAMBU, Bilon	24
FUJISAWA, Hiroshi	42	IMAI, Takeshi	32	KIKUZAKI, Yuta	54
FUJITA, Takuya	34	IMAMURA, Chika	18	KIM, Jeong Sik	10
FUJIWARA, Tetsuaki	34	IMAMURA, Satoshi	34	KIMURA, Hiroshi	30
FUKUI, Sadayuki	50	IMANISHI, Miki	18	KITADA, Yukie	12
FUKUSHIMA, Tatsuya	26	INAMURA, Koji	4	KITAYAMA, Kaori	32
FUKUYAMA, Sadanobu	32	INOUE, Masafumi	14	KIYOMURA, Tsutomu	46
FURUICHI, Kenji	36	INOUE, Rintaro	34, 75	KOBAYASHI, Kazutaka	48
FURUKAWA, Hirotochi	40	INOUE, Satoru	73	KOBAYASHI, Kensuke	16, 71, 73
FURUTA, Takumi	8	INOUE, Shunsuke	44	KOMATSU, Hiroshi	75
FUTAKI, Shiroh	18	IRIE, Kazuyuki	8	KONDO, Noriaki	12
		ISHIYAMA, Makoto	48	KONDOU, Kouta	16, 73
<b>[G]</b>		ISHIZUKA, Kentaro	50	KONG, Xiang Shuo	58
GONG, Chunjie	32	ISODA, Seiji	46, 70, 75	KONISHI, Shota	12
GOTO, Atsushi	10	ITAMI, Kenichiro	68	KONISHI, Yusuke	18
GOTO, Mina	40	ITO, Kimihito	68	KOTERA, Masaaki	58
GOTO, Seitaro	32	ITO, Takuma	50	KOUMURA, Kentaro	26
GOTO, Susumu	58	ITO, Tomokazu	32		

KOYAMA, Tomohiro	16	NAKAMURA, Makoto	34		
KUBO, Akira	40	NAKAMURA, Masaharu	50		[R]
KUBOTA, Yoshiyuki	30	NAKAMURA, Shuji	16	RUAN, Peiying	60
KURATA, Hiroki	46, 75	NAKAMURA, Yasuyuki	12	RUIZ, Diego Deiz	58
KURIHARA, Tatsuo	32	NAKAMURA, Yoshitaka	52		[S]
KUROKAWA, Suguru	32	NAKAMURA, Yuki	54	SAEKI, Taku	10
KUROTOBI, Kei	6	NAKANISHI, Yohei	10	SAITO, Hikaru	46
KUSUDA, Toshiyuki	16	NAKANO, Kunihiko	16, 73	SAITO, Ryo	36
KUSUMI, Takenori	68	NAKAO, Masao	42	SAITO, Takashi	52
		NAKASE, Ikuhiko	18	SAKABE, Shuji	44
	[L]	NAKASHIMA, Mitsue	24	SAKAI, Hiroki	8
LONG, Youwen	52	NAKASHIMA, Yusuke	28	SAKAI, Kiyomichi	4
		NAKATO, Mamiko	8	SAKAI, Yoshiyuki	30
	[M]	NAKAYA, Tomohiro	18	SAKAIGUCHI, Aya	52
MACHIDA, Tomoki	68	NARITA, Yuki	60	SAKASHITA, Takerou	56
MAMITSUKA, Hiroshi	62	NATSUME, Yayoi	62	SAKIYAMA, Tadahiko	58
MASUBUCHI, Yuichi	36, 72	NEMOTO, Takashi	46	SAKUMA, Yusuke	60
MASUNO, Shinichiro	44	NGUYEN, Hao Canh	62	SANO, Etsuko	58
MATSUDA, Kazunari	56	NISHIDA, Koji	34, 72	SANO, Takafumi	10
MATSUI, Kazuya	34	NISHIMURA, Yosuke	58	SASAMORI, Takahiro	4, 71, 73
MATSUI, Megumi	24	NISHINO, Reiko	8	SASANO, Daisuke	50
MATSUI, Tamito	34	NISHIOKA, Satoshi	14	SASANO, Tatsuya	10
MATSUMIYA, Yumi	36	NISHOJI, Toshihiko	44	SATO, Kengo	28
MATSUMOTO, Kazuya	52	NIWA, Masatoshi	4	SATO, Naoki	38
MATSUMOTO, Norihiro	34	NOBORI, Masahiro	6	SATO, Shinichi	24
MATSUMOTO, Teruyuki	4	NODA, Akira	42	SATO, Sho	32
MATSUNAGA, Ryusuke	56, 73	NODA, Naoya	4	SATO, Takahiro	4
MATUBAYASI, Nobuyuki	30	NOGUCHI, Haruka	18	SEIKE, Hirofumi	50
MIEDA, Eiko	4, 74	NOMURA, Akihiro	10	SEKIDO, Masayuki	54
MINAMI, Tomoharu	28	NORISUYE, Kazuhiro	28	SEKIGUCHI, Koji	16
MISHIMA, Eri	12	NOSHIRO, Daisuke	18	SHIBAYAMA, Mitsuhiro	68
MISHIRO, Kenji	8			SHIGA, Motoki	62
MIYA, Shingo	30		[O]	SHIINA, Sakurako	38
MIYAGI, Kazuki	54	OBA, Tsuyoshi	50	SHIMAHARA, Yurie	26
MIYAMAE, Hiroki	18	ODA, Jun'ichi	77	SHIMAKAWA, Yuichi	52, 75
MIYAMOTO, Hisashi	4	ODANI, Hisashi	76	SHIMIZU, Taichi	54
MIYASAKA, Yasuhiro	44	OGATA, Kazuki	50	SHIMIZU, Tomohiro	4
MIYAUCHI, Yuhei	56	OGAWA, Tetsuya	46	SHIMIZU, Yugo	58
MIYAURA, Norio	68	OHMINE, Kyoko	26	SHIMOGAWA, Hiroki	24
MIZUHATA, Yoshiyuki	4	OHNO, Kohji	10	SHINAGAWA, Masashi	14
MIZUIKE, Atsuko	34	OHSHIMA Norikazu	73	SHINJO, Ayaka	10
MIZUTANI, Sayaka	58	OHTA, Masayuki	14	SHINMURA, Masahito	10
MOMOKAWA, Yusuke	32	OHTANI, Kazuto	44	SHINODA, Yasuhiro	46
MORI, Chizuru	10	OKA, Kengo	52	SHINTANI, Megumi	30, 74
MORIGUCHI, Sakumi	46	OKADA, Shinichi	36	SHIRAIISHI, Yu	54
MORIKAWA, Satoshi	4	OKADA, Yoshihiro	50	SHIRAKAWA, Takashi	24
MORINAKA, Yuta	6, 74	OKADA, Yuki	58	SOHRIN, Yoshiki	28
MORISAKI, Tatsuya	18	OKAMURO, Kiminori	44	SOKEIRIK, Yasser Samir	
MORISHIMA, Yui	28	OKAYASU, Kenji	10	Abdel-khalek	8
MORITA, Hideyuki	34	OKAZAKI, Masaaki	54	SONOMURA, Kazuhiro	18
MORIYA, Yuki	58	OKUMURA, Shinya	18	SOUDA, Hikaru	42, 75
MURAI, Ken	32	OMORI, Yuuki	46	SUE, Daisuke	8
MURATA, Asako	24	ONISHI, Nozomi	52	SUGA, Akitsugu	58
MURATA, Michihisa	6	ONO, Teruo	16, 71, 73	SUGAMATA, Koh	4
MURATA, Yasujiro	6	ONUKE, Ritsuko	58	SUGISAKI, Hiroyuki	22
MURDEY, Richard James	38	OTOKAWA, Takuya	20	SUGITA, Yuji	68
MUTO, Ai	58	OTSUKA, Yuji	68	SUMIDA, Koji	36
		OZAWA, Fumiyuki	54	SUMIYA, Eriko	24
	[N]			SUZUKI, Furitsu	26
NAKAGAWA, Naohisa	50			SUZUKI, Shin-ya	36
NAKAGAWA, Yusuke	28, 72		[P]	SUZUKI, Tomohiro	10
NAKAGAWA, Zenichi	58	PARK, Jung-ha	32		
NAKAHARA, Masaru	64	PARK, Sun Min	24		[T]
NAKAHARA, Ryo	10	POOLSAP, Unyanee	60, 75	TABUCHI, Yukiko	20
NAKAI, Hideto	22	PUJALS, Silvia	18	TAGUCHI, Seiji	56
NAKAJIMA, Yumiko	54	PURQON, Acep	30, 75	TAKAMI, Kousuke	26
NAKAMURA, Atsushi	18, 74			TAKANO, Hiroki	46
NAKAMURA, Kaoru	4		[Q]	TAKARABE, Masataka	58
NAKAMURA, Kinu	22	QUIOCHO, Florante A.	68	TAKAYA, Hikaru	50

TAKAYAMA, Kentaro	18	WATANABE, Yoshiki	12
TAKAYAMA, Shota	18	WU, Zhe	22
TAKIGAWA, Ichigaku	62		
TAKITA, Ryo	54		
TAKUWA, Masatoshi	8	[Y]	
TAMADA, Yoshinori	16	YAJIMA, Daishi	34
TAMURA, Takeyuki	60	YAMADA, Gen	16
TANABE, Aiko	40	YAMADA, Hiroto	12
TANABE, Kenji	16	YAMADA, Keisuke	16
TANABE, Taro	4	YAMADA, Kohei	24
TANABE, Yusuke	4	YAMADA, Masako	42
TANAKA, Gen	18	YAMADA, Ryuta	52
TANAKA, Michihiro	58	YAMADA, Satoru	42
TANAKA, Toshiyuki	64	YAMADA, Yasuhiro	56, 73
TANAKA, Yumi	32	YAMAGO, Shigeru	12
TANIGAWA, Masahito	28	YAMAGUCHI, Yukiko	40
TANIGUCHI, Masatoshi	22	YAMAMOTO, Hidenobu	56
TANIGUCHI, Yukimi	22	YAMAMOTO, Junya	8
TANIUCHI, Kentaro	40	YAMAMOTO, Kazutoshi	18
TATSUTANI, Kazuya	18	YAMAMOTO, Kazuyuki	14
TAYAGAKI, Takeshi	56	YAMAMOTO, Masatoshi	40
TENG, Yonghong	52	YAMAMOTO, Taiga	14
TOBE, Ryuta	32	YAMAMOTO, Yuki	20
TOHYAMA, Takenori	52	YAMAUCHI, Takae	48
TOKIMATSU, Toshiaki	58	YAMAUCHI, Yoshiaki	16
TOKITA, Shigeki	44, 73	YAMAZOE, Sayumi	24, 72, 74
TOKITOH, Norihiro	4, 73	YANG, Junyue	12
TOKUDA, Yomei	14	YAOITA, Takatoshi	36
TOMOYHARA, Keisuke	8	YASAKA, Yoshiro	30
TONGU, Hiromu	42	YASUDA, Keiko	22
TOSAKA, Masatoshi	12	YASUDA, Ryosuke	12
TOYODA, Mayuko	32	YASUI, Hidefumi	6
TSUCHIMOTO, Takahiro	54	YOKO, Toshinobu	14
TSUDA, Nami	18	YOKOTA, Shingo	10
TSUGE, Tomohiko	22	YONEYAMA, Midori	40
TSUJI, Masaki	12	YOSHIDA, Hiroyuki	38
TSUJII, Yoshinobu	10	YOSHIDA, Kaname	46
TSUJINO, Yasuo	64	YOSHIDA, Kazunori	32
TSURUSAKI, Akihiro	4	YOSHIDA, Keisuke	8
		YOSHIMOTO, Yuya	50
		YOSHIMURA, Tomoyuki	8
[U]		YOSHINAGA, Kengo	38
UCHIDA, Kenji	48	YOSHIOKA, Hiroyasu	8
UCHIYAMA, Hitomi	8	YU, Hao-Hsin	18
UEDA, Kohei	16	YUASA, Akihiro	71, 73
UEDA, Yoshihiro	8	YUZURIHA, Tomoko	24
UEKI, Kazuya	12		
UESUGI, Motonari	24	[Z]	
UMEDA, Masato	40	ZENIYA, Yuki	30
UMETANI, Shigeo	28	ZHANG, Wanjjiao	32
UNEYAMA, Takashi	36	ZHAO, Yang	60
UNO, Akiko	36, 75	ZHAO, Yunfeng	34
URUNO, Yoshiharu	8, 71, 74	ZHU, Danling	22
USHIJIMA, Shotaro	42		
UTSUNOMIYA, Machiko	32		
[V]			
VASUDEVAN, Anoop	32		
VU, Thi Dieu Huong	28		
[W]			
WADA, Yukika	22		
WAKAI, Chihiro	30		
WAKIOKA, Masayuki	54		
WANG, Qifeng	54		
WANG, Yu	32		
WATANABE, Akiko	6		
WATANABE, Bunta	20		
WATANABE, Hiroshi	36		
WATANABE, Kazuya	28		

# KEYWORD INDEX

<b>[A]</b>			<b>[H]</b>			<b>[P]</b>		
Acyl-Activating Enzymes	20		Halogen Biochemistry	32		Phospholipid Signaling	22	
Adhesamine	24		Heteroatom	4		Polar Crystal	38	
Amino Acid Metabolism	32		Heteroatom Chemistry	12		Polymer Physics	34	
Amorphous Materials	26		High Power Laser	44		Polymer Properties	12, 34	
Aromaticity	6		Homogeneous Catalyst	54		Polymer Synthesis	12	
Artificial Multilayers	16		Hydrogen	64		Polyunsaturated Fatty Acid	32	
Asymmetric Synthesis	8		<b>[I]</b>			Precise Structure Analysis	52	
<b>[B]</b>			Intermediate Analogue Inhibitors	20		Protein Degradation	22	
Bacterial Cellulose	26		Intracellular Delivery	18		<b>[Q]</b>		
Bioinformatics	62		Ionic Liquid	30		Quantum Transport	16	
Biological Cell	38		Iron Catalyst	50		<b>[R]</b>		
<b>[C]</b>			<b>[K]</b>			Reaction Mechanism	54	
Carbon Dioxide	64		KEGG	58		Redox Systems	6	
Carbon Nanotube	56		Kernel Methods	60		Resonant Coupling	42	
Carbon-Carbon Bond Formation	50		Kinetic Stabilization	4		Resorcinol Catabolism	48	
Cell Biology	40		<b>[L]</b>			Rheology	36	
Cell Morphogenesis	22		Laser Cooling	42		Rheo-Optics	36	
Cell Polarity	40		Laser Nano-Ablation	44		<b>[S]</b>		
Cell Therapy	24		Laser Produced Ion	42		Scale-Free Networks	60	
Chalcogen Biochemistry	32		Lipid	40		Scanning Probe Microscopy	46	
Chemical Biology	24		Living Radical Polymerization	10, 12		Scattering	34	
Chemoinformatics	60		Low Melting Glass	14		Sectional Distribution	28	
Chemotherapeutic Agent	20		Low-Coordinated Species	4		Semiconductor Nanoparticles	56	
Cold-Adapted Microorganism	32		<b>[M]</b>			Simulations	36	
Colloidal Cristal	10		Machine Learning	62		Small Molecules	24	
Computational Biology	62		Magnetic Ferroelectrics	52		Solid-State NMR	26	
Concentrated Polymer Brush	10		Magnetic Materials	16		Southern Ocean	28	
$\pi$ -Conjugated Systems	6		Maleylacetate Reductase	48		Spintronics	16	
Cross-Coupling Reaction	50		Marine Geochemistry	28		STEM	46	
Cryo-TEM	46		Membrane	30, 40		Steric Protection	4	
Crystal	48		Membrane-Permeable Peptides	18		Strong Permanent Magnet	42	
Cytokinin Signaling	22		Metal-insulator Transition	52		Surface Grafting	10	
<b>[D]</b>			Metallated Peptide	50		Synergistic Effect	54	
Data Mining	62		Microstructured Hybrid Film	14		Systems Biology	60, 62	
Dielectric Spectroscopy	36		Molecular Recognition	8		<b>[T]</b>		
Dielectric Spectrum	38		Molecular Simulation	30		Trace Elements and Isotopes	28	
Disease	58		<b>[N]</b>			Transcriptional Regulation	22	
DRUG	58		Nano Molecular Hybrids	26		Transition Metal Clusters	54	
Dynamic Chirality	8		Nanocomposite	14		Transition Metal Complex	54	
<b>[E]</b>			Nano-fabrication	16		Transition Metal Complexes	4	
EELS	46		Near-field Scanning Optical			Transition-State Analogue Inhibitors	20	
Electron Microscopy	46		Microscopy	56		<b>[U]</b>		
Endohedral Fullerenes	6		Neutron Optics	42		Ultrafast Electron Diffraction	44	
Energy	64		Neutron Scattering	34		Unnatural Amino Acid	8	
Energy Metabolism	40		NMR	30		<b>[W]</b>		
Enzymatic Reaction	48		Nonsolvent Condensation	14		Water	64	
Epitaxial Thin Films	52		Nucleophilic Catalysis	8		Weak Hydrogen Bond	38	
<b>[F]</b>			<b>[O]</b>			<b>[X]</b>		
Femtosecond Laser Spectroscopy	56		Open-Cage Fullerenes	6		X-ray Crystallographic Analysis	48	
Formic Acid	64		Organic LEDs	26		<b>[Z]</b>		
Free Energy	30		Organic Synthesis	12		Zinc Finger Protein	18	
Functional Polymer	10		Organic-Inorganic Hybrid Materials	14		Zwitterionic Molecule	38	
Functional Transition Metal Oxides	52		Organo Main Group Metal Reagent	50		<b>[P]</b>		
<b>[G]</b>			<b>[P]</b>			<b>[P]</b>		
Generation of High-Energy Radiation	44		Pacific Ocean	28		<b>[P]</b>		
Genome	58		Pathway Analysis	58		<b>[P]</b>		
Glutathione	20		Peptide Design	18		<b>[P]</b>		
Graph Algorithms	60		<b>[P]</b>			<b>[P]</b>		