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Ñ Û ô39 °>2 v>/ ¥ "@ ö Û&É Q0¿>& Û ô39 °%, ç'"12 •>'

Ñ Û ô40 °>2 v>/ ¥ "@ ö Û&É _&" ö /1n Û>#ú8 "@ ö1n Û l g5 ""@ ö1n Û Q0¿
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Ñ Û ô42 °>2 v>/ ¥ X Û&É _ Z X1=1n Û l g)%& X Û1n Û †>*"@ ö Û&É _8 5 ""@ ö1n Û l g
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Ñ Û ô43 °>2 v>/ ¥ X Û&É _ ¢ (%&ì '1n Û Q0¿>& Û ô43 °%, ç'"17 •>'
 #. Û%Ê'2&É"@ ö Û S 7>& Ÿ ^1"&ì>' Q0¿>& Û ô43.3.30 Û ±'"32 b16 •>'

Ñ Û ô44 °>2 v>/ ¥ X Û&É _& "á1=1n Û>* ì Û&É _ o Â w µ ì Û1n Û l g ³!)"@ w µ ì Û1n Û
 Q0¿>& Û ô44 °%, ç'"14 •>'

Ñ Û ô45 °>2 v>/ ¥ ì Û&É _ S4 ì Û1n Û Q0¿>& Û ô45 °%, ç'"14 •>'
 #. Û%Ê'2&É"@ ö Û S 7>& \$ ^1"&ì>& Û ô43.3.30 Û ±'" 32 b16 •>'

Ñ Û ô46 °>2 v>/ ¥ ì Û&É _6 / ì Û1n Û Q0¿>& Û ô46 °%, ç'"19 •>'

Ñ Û ô48 °>2 v12 ¥ #.1="@#. Û%Ê'2 d _%Ê'24Š6Û ñ 1= Q0¿>& Û ô48 °%, ç'">6 •>'

Ñ Û ô49 °>2 v11 ¥ 7C " á+→! Ü"@ 9, d0¿*(>& Û ô49 °%, ç'"13 •>'

Ñ Û ô52 °>2 v 18¥ 7C " Ü"@4G Ê -'ö 9, ¿¿¿*(>& Û ô52 °%, ç'"11 •>'

Ñ Û ô56 °>2 v>/ ¥ 7C " g#Ô8@%Ê'2 ¿¿¿ _ #Ô#. #Ô Â Û%Ê'24Š6Û>& (4Š6Û>' Q0¿

Ñ Û ô59 °>2 v>/ ¥ 7C " g#Ô8@%Ê'2 ¿¿¿ _ 4 ì#Ô ì Û%Ê'24Š6Û Q0¿>&10 ° ì7H>'

Ñ Û ô62 °>3 v21 ¥ #Ô"@ Û&É _ (Ê4G Û1n Û Q0¿>& Û ô62 °%, ç'"19 •>'

Ñ Û ô63 °>2 v>6 ¥ #Ô"@ Û&É _ (ý+ S(Û1n Û Q0¿>& Û ô63 °%, ç'"16 •>'

Ñ ¹ B - °>3 v29 ¥ "@ ö Û&É _ œ"@ ö1n Û Q0¿>& ¹ B - °%, ç'"25 •>'
 7C " g#Ô8@%Ê'2 ¿¿¿ _ g2A\$!# µ S%Ê'24Š6Û Q0¿
 >& ¹ B - ° e9x ±'"191 •>'

Ñ ¹ B>0 °>4 v>6 ¥ #.1="@#. Û%Ê'2 d ë F>& ¿4" ± Û ö&O"@#. Û%Ê'2 d _)+ œ>'
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Ñ ¹ B>1 °>7 v30 ¥ #. Û4Š @ ¼ Ê á w)+ œ&ã3? ... _&ã3? † ö ¢>& M4Š b7C " ¿¿¿ †7V C>'

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 W S>& ¹ B>3 °%, ç'"18 •>'
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Ñ ^1 B>7 °>2 v>/ ¥ #. Û%Ê'2&É _ (• Ê)z&É Û1n Û0¿*(>& ^1 B>7 °%, ç'"15 •>'
Ñ ^1 B10 °>2 v>/ ¥ "@#. Û&É \"@ ö Û&É †"@#. &É Û&É _ 5)
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28r>ã	H Ÿ çH 8	>ã>Ù>P	jFÿ Ÿ çFp 8 / DG% 8 %	G% jFÿ Ÿ çFp0[óG" G Fİ 0d G% jFÿ Ÿ ç 8 Fú6öFéG M 5 '¼Fp B1Ÿ IG Ű6x FúFü))É\$xFú6öG G %G" µG Fö H Ÿ çH 8 Fp m8pFÜ& 1 F÷FYG 2(q G% Ű)1= eH 1"8Ÿ%Ë'2H Fp B €G m)FFÝ IG 0Ű oFp ö = G% Ÿ ç 8 Fú6öFéG M 5 '¼Fp B1Ÿ IG Ű6x FúFü))É\$xFú6öG G %FÜ& 1 F÷FYG 2(q G% Ű)1= eFp B / DH B (Fp 4E*f % 2FÜ& 1 F÷FYG 2(q	8• æH Fwö =H H H
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28r>Þ	1= eG%o-- iG%o"lOÁ G%o Û \$ì/²FúFù	>Þ>Ù>Ý	1= eG%o-- iG%o"lOÁG%o Û \$ì/²FúFù ·g #	G%o%É'2 q ·"g #Fú6ðFéG 2(q G%o · » M (FÒFiG Fp"lOÁ 8ª X G%o · » M (FÒFiG Fp"lOÁ v " X	H
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B F. •GeG(G>GwGnFú •FðFð d Fp ")H 0ð(ýFý Ú#Ö)0tG" gl-FpFáfFðH G" Ý "FéG G H p Ú / M1M M' 0Á"g>Ö#. &ÉH H 9x¼ Ú / M1M M' 0Á"g>Ö#. &É>ÖH ,A (FðFúG 2(Afp v "FÚ •+ F÷FÓG F¹

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Table with 10 columns: (, &ÉF.% F. F. (, 0j ") X, 5F. F.&ÉF.% F.¼, ") X, s Ý (, † = s ÝGIGoGGGMGŠŠFp x ðFyGIGoGGGMGŠŠ&gFéH F.H @>YH, >Ý° (S †, † †), >ß° (S †, † †), >à° (S †, † †), 1, 2, 3, 4, 5, 6, 7, 8.

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F.FáFp/²Fú VFÁG 5 &É% Fp ÚH ÚGeG(G>GwGnG% Ú Ú4š jFŸ Ú ± Ú'¹F÷6á1nFáG G 5 &É% G" š ŸFéG Fáf0FÚF÷FŸH #0"@ ÚGeG(G>GwGn , \ M (FÚ1 G G G FpFŸ FŸH Ÿ "FçF")G" 0[0Fp ")Fúì "FéG Fáf0FÚF÷FŸG F¹

B F. •GeG(G>GwGnFú•F0F0 d Fp ")H 0ò(ŸFŸ Ú#0)0tG" gl:FpFáf0FŸH G" Ÿ "FéG G H p Ú / M1M M' 0Á"gh #.&ÉH H 9x'¼ Ú / M1M M' 0Á"gh #.&ÉH H (2(AFp v "FÚ •+ F÷FÓG F¹

H M86 M'nH

Table with 8 columns: (, &É.% F. F. (, 0[Ÿ " ") X, 5F. F.&É.% F.¼, ") X, š Ÿ (, † = š ŸGIGoGGGMGŠFp X 8FŸGIGoGGGMGŠG' &gFéH F.H @>ŸH. Sub-headers include >Ÿº, >ßº, >àº, S † † † †, 1 2 3 4 5 6 7 8.

H @>ŸH0³UFçF6FÓG GIGoGGGMGŠFŸ † = š ŸGIGoGGGMGŠG'²FçF6FÓG F¹ 0ŸGIGoGGGMGŠG' é7FFp F66á0ž †H S † jFŸ † H Fú š ŸFéG Fáf0G •+ F÷FÓG FŸH 5 &É% FúG G G G œG GMGŠGn&É% F6FçF6á1nFéG œFÚFÓG FpF÷H š Ÿ 0FpGEGwG'GG'¼FúG G & 1 FéG Fáf0F¹

F.B è WH 8kFÁ S6Ú M'nFÁFú66FéG @ -180
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F.G%FÁ M&ÉFú66FéG S6Ú\$X 180FÁFpFÓFñH FÁ"#. Ú 9,H FÁH FÁ i Ú 9,H FÁH FÁ#0" @ Ú 9,H FÁ IG FÁ ... Ú 9,H FÁ
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F-FáFp/Fú VFáG 5 &É% Fp ÚH ÚGeG(G>GwGnG% Ú Ú4Š jFý Ú ± Ú"¼F÷6á1nFáG G 5 &É% G" š ŸFéG FáföFÜF÷FÝH ...#+ h íGEGGGTgn ÚGeG(G>GwGn , \ M (FpFúFöFÖFöFýH Ý "FçFi")G" 0[öFp")Fú0¹ FéG FáföFÜF÷FÝG F¹

B F- •GeG(G>GwGnFú •FöFö d Fp")H 0ð(ýFý Ú#Ö)0tG" gl-FpFáföH G" Ý "FéG G H p Û /M1M M' 0Á"g>Ö#.&ÉH H 9x¼ Û /M1M M' 0Á"g>Ö#.&É>ÖH ,A (FöFúG 2(AFp v "FÜ •+ F÷FÖG F¹

H M8ð M"ñH

Table with 8 columns and multiple rows. Headers include symbols like &ÉF.% F. F. (and &ÉF.% F. F.¼. Rows contain alphanumeric codes and symbols such as FÁ¹ ö&É% FÁFÜG, ± Û M"ñ °6Û, M8ðGJGm, FÁ8• æ&É% FÁFÜG F.H @>ðH, GAGmGsGYG?GŠGEGuG• ö&Q, GAGmGsGYG?GŠGEGuG• ö&OB, GAGmGsGYG?GŠGEGuG• ö&OBj, GAGmGsGYG?GŠGEGuG•B H, GAGmGsGYG?GŠGEGuG•B H, GAGmGsGYG?GŠGEGuG•BjH, GAGmGsGYG?GŠGEGuG•BjH, GgGŠGEGQG= ¥\1 B, GgGŠGEGQG= ¥\1 Bj, B IG BjFý M0*1 G*4E ¥FéG Fáfö, _ G%GUGŠGM&É Û °6Û, GJG(FÜG FýFéG G GeG(G>GwGmG•G>, GUGŠGMCG2G6G•GG ö&O, ú äGGGkGŠGR&É% H @>áH >Ö>Û>ÖÁ ú äGGGkGŠGR&É% FÁFÜG, &k 4 &É% H @>áH >Ö>Û>ÖÁ&k 4 &É% FÁFÜG, " (' (Û>ö, " (' (Û>ö>ö, }z g æ X ÚH%, }z g æ X ÚH%H%, VO">ä&É% FÜG >ð&É% >à"), "@#.# Û 9,2G% 9,B, "@#.# Û 9,2G% 9,Bj, i Û 9,2G% 9,B, i Û 9,2G% 9,Bj, #Ö"@ Û 9,2G% 9,B, #Ö"@ Û 9,2G% 9,Bj, ... Û 9,2G% 9,B, ... Û 9,2G% 9,Bj, VO">ä&É% FÜG M&É% FpB IG BjG"0£>à").

H @>ñH ³UFöFöG GIGoGGGMGSŠÝ † = š ŸGIGoGGGMGSŠ"²FçFöFÖG F¹ 0ñGIGoGGGMGS è7FFp Fè6á0; †H S † jFý (†H Fú š ŸFéG FáföG •+ F÷FÖG FÜH 5 &É% FÖG G œG GMGSgn&É% FöFçFö6á1nFéG œFÜFÖG FpF÷H š Ÿ ° ØFpGEGwG*GG¼FÜG G & 1 FéG FáföF¹
H @>ñH Ç e&k &É Ú(Ö&É% *LFÁFÜG >à")H F.F.Ä+~&É Ú(Ö&É% *LFÁFÜG >à") Ý "FéG ²0[FÜFÖG F¹ M"ñ*É (0Á"gp v "G") jFfG œFýH FÁ Ç e&k &É Ú(Ö&É% *LFÁFÜG •\ 2FÁFÜ ²ÝF÷FÖG FáföFú\$ -FéG FáföF¹
F.F.Ä Ç e&k &É Ú(Ö&É% *LFÁF÷ ²0[Fü")FüFýH FÁ ¥\1 &É% FÁFpFÁGAGmGsGYG?GŠGEGuG• V(i,e1 FÁH FÁG2G•GTG•GEGd ¥\1 FÁ IG FÁ •¥1 Û †FH GWG2GR1 H Gc 1 H G(GEG01 H p\1 H 8Q\1 H FÁFp š ŸFÜG G Ý "FçFi")G"i °FéG FáföFÜF÷FÝG F¹
H @>ñH ¹1 Ú\$ Ú¼FÜG G FÁ.e1 jGcG1GŠGyGWGxGCGŠGÖFÁ jFý+~ Ú+~†FÜG G FÁG8G•GwG2G•e1 ††÷öG%>ö>öG%>ö>ö>öFÁFp š ŸFÜG G Ý "FçFi")G"i FÁGAGmGsGY FçFö1 "FéG FáföFÜF÷FÝG F¹
F.¥\1 •+ è 0è9,FÜG G")1 D ØG FÖG F¹0ð(ýFüFöFöFöFýH Ú#Ö)0tFü0³UFp M8ð M"ñFp,e1 Fú6FéG 8o IG FÁ ¥\1 •+ è 0è9¼FÜG G")1 Fp v ...FÖ FúFöFöFöFÁ" gl:FéG FáföF¹
H @>ñH Ý "FçFiFÁ ú äGGGkGŠGR&É% FÁFp")FúFöFöFöFýH FÁ&É% (G" eG FúFöFöFü0¹ "FéG FáföFÜF÷FÝG F¹
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F.B è WH 8kFÁ S6Û M"ñFÁFü6ðFéG @ -;8o
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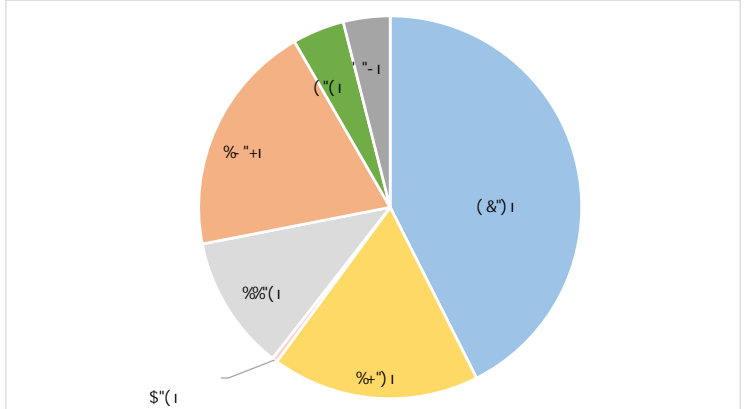
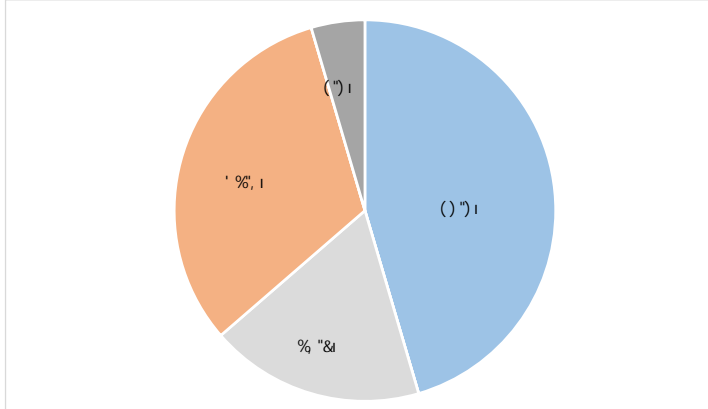
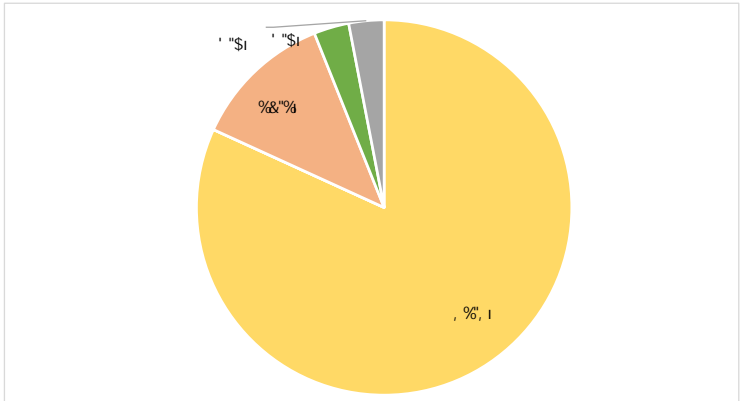
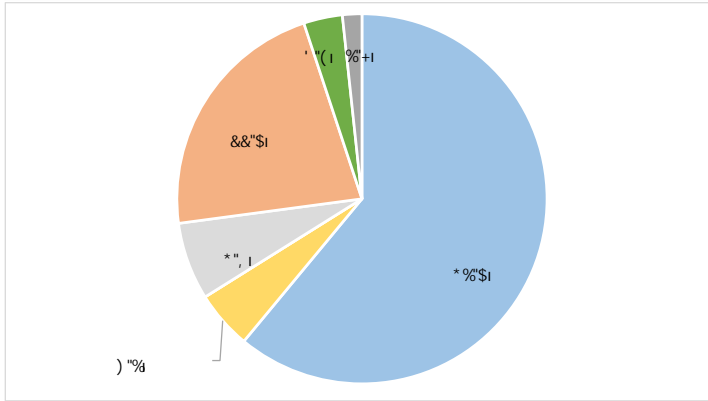
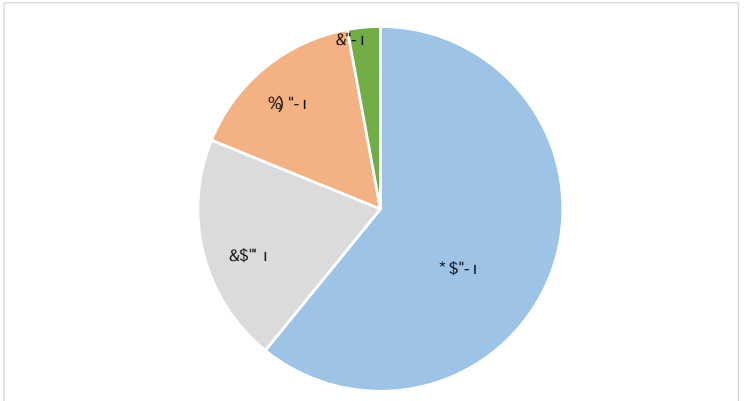
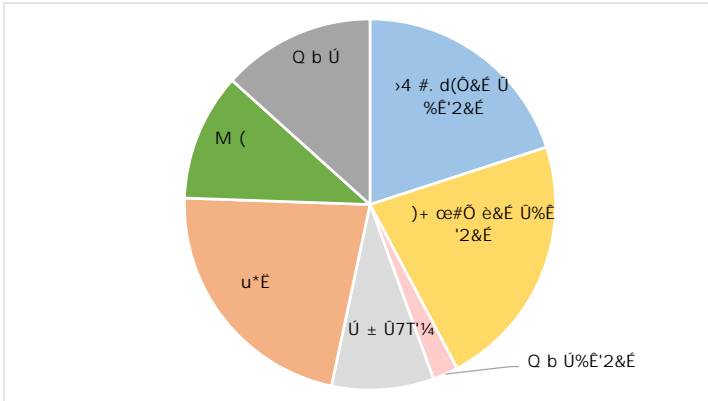
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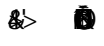
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	26	143,671	15	138,229	28	395,084	32	342,950	36	690,706

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	1	6,728	1	2,623	1	4,200	0	0	0	0
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	18	67,494	9	42,125	10	220,370	9	52,540	13	95,935
	/	/	0	0	5	57,419	2	10,300	5	32,687
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	5	1,347	4	1,900	4	1,260	9	3,610	6	2,740
	5	12,982	7	11,187	5	2,910	2	1,000	6	5,650
	7	7,850	3	610	12	13,509	7	5,860	3	2,370
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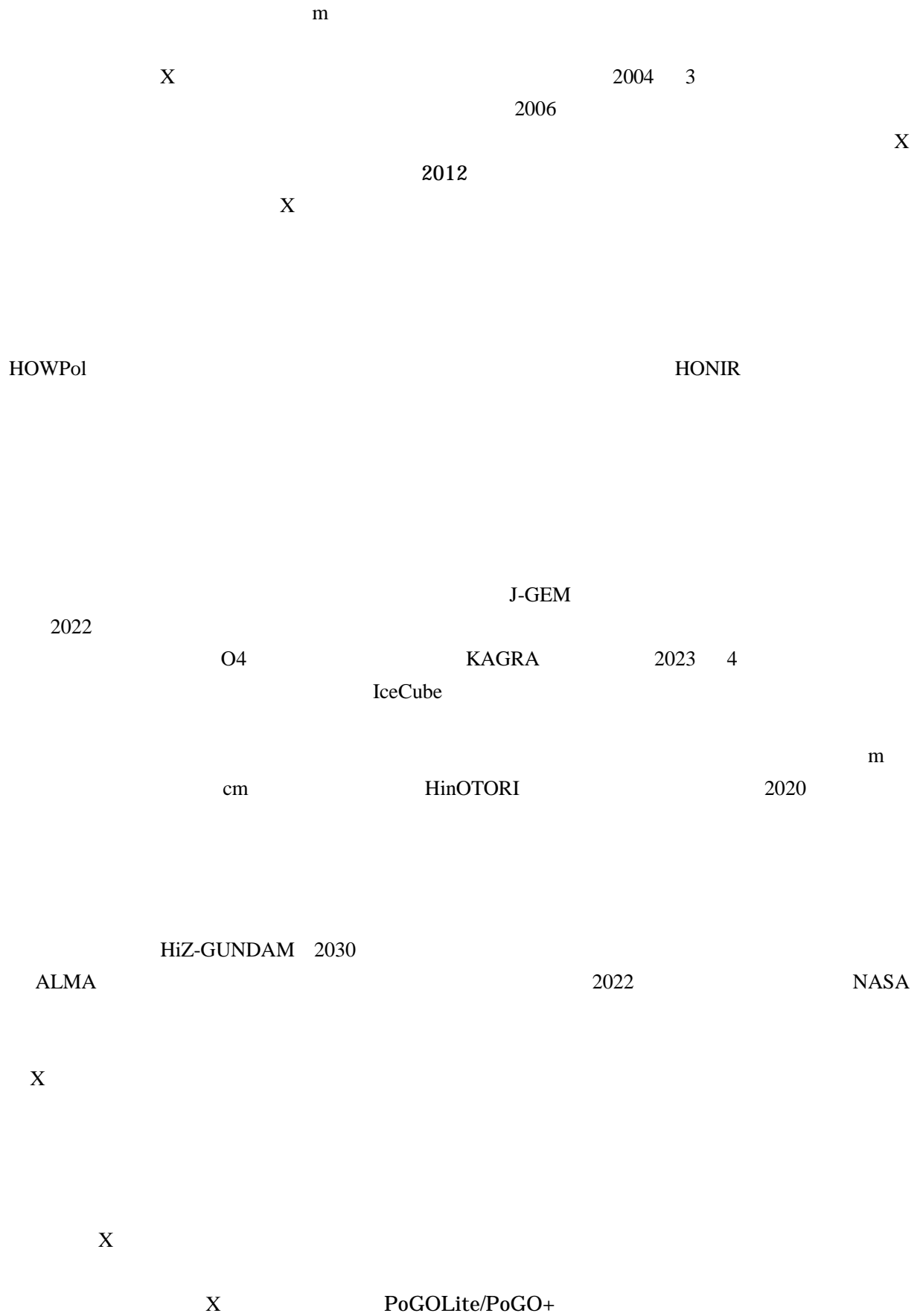
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- 9) 2022 10 20 A.D. Rosa European Synchrotron Radiation Facility (ESRF) Physico-chemical properties of noble gases at extreme conditions.
- 10) 2022 11 4 CHATTERJEE M. Sadhana (Jadavpur University, Kolkata, India) Syn-tectonic granite emplacement in a transpression shear zone: Insights from Phulad Shear Zone, Rajasthan, India
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- 23) 2022 7 15 CHAKRABORTI, Tushar Mouli Unlocking the petrogenetic histories of the Sub-Continental Lithospheric Mantle (SCLM) xenoliths of Kutch, NW Deccan Traps, India: Towards a working model
- 24) 2022 7 22
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- 32) 2022 10 28 Eranga Jayawickrama Elastic properties of thermally treated diabase and peridotite: Implications towards the elastic properties of oceanic lithosphere
- 33) 2022 11 4 CHATTERJEE M. Sadhana (Jadavpur Univ., India) Syn-tectonic granite emplacement in a transpression shear zone: Insights from Phulad Shear Zone, Rajasthan, India
- 34) 2022 11 4 (JAMSTEC)
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- 47) 2022 12 23
- 48) 2022 12 23 DAS, Kaushik What can survive at the deepest part of the ultra-hot orogen and what can they record??
- 49) 2023 1 6 CI
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- 53) 2023 1 27 MUNUSAMY A. SWARNAA Deformation mechanism of antigorite serpentinite
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リー研究で世界をリードするMount Sinai医科大学のEllis-Davies博士をJSPS fellowとして招聘し、共同研究を開始した。学内外のメンバーによる発表論文数は41本。

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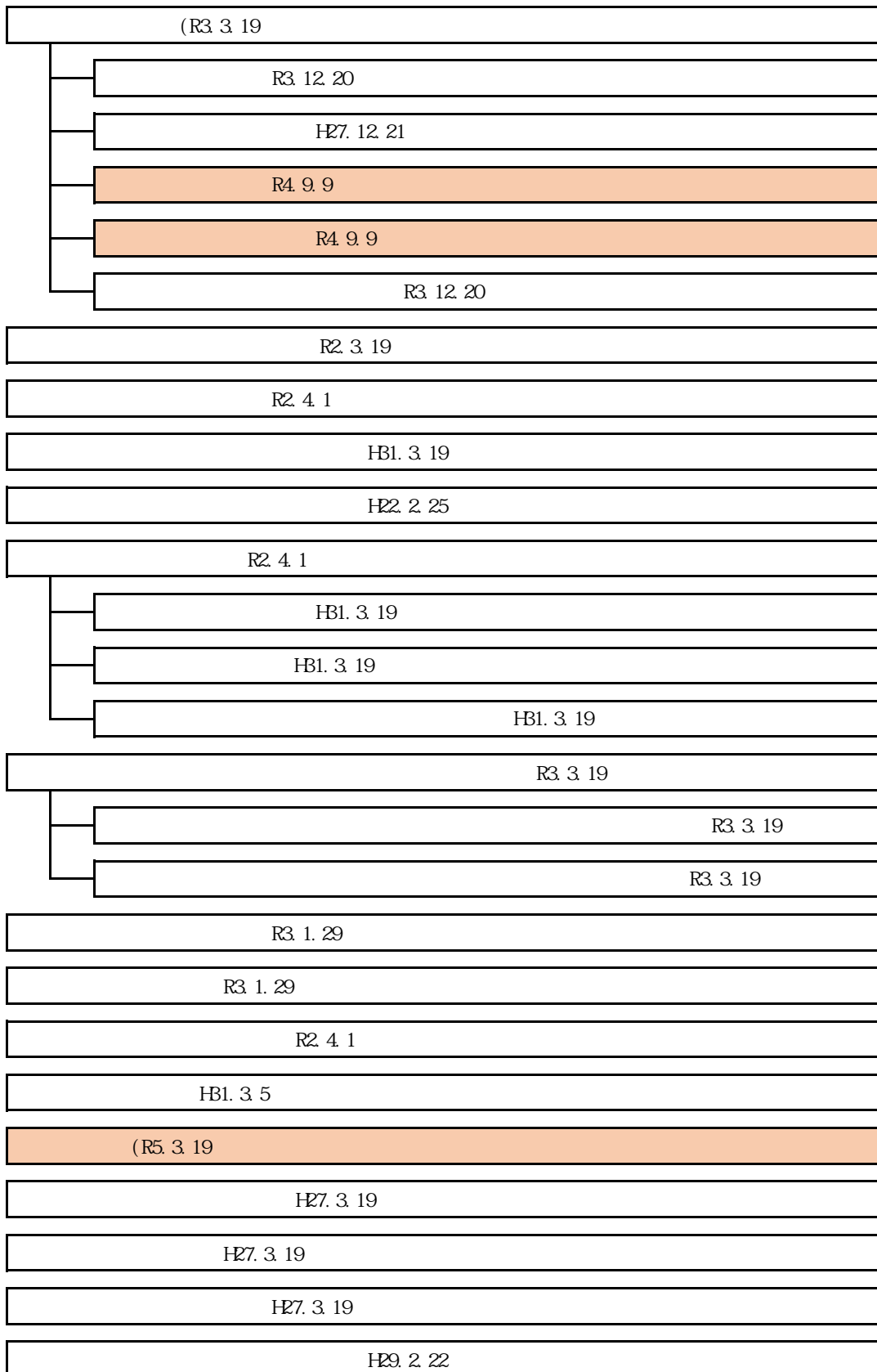
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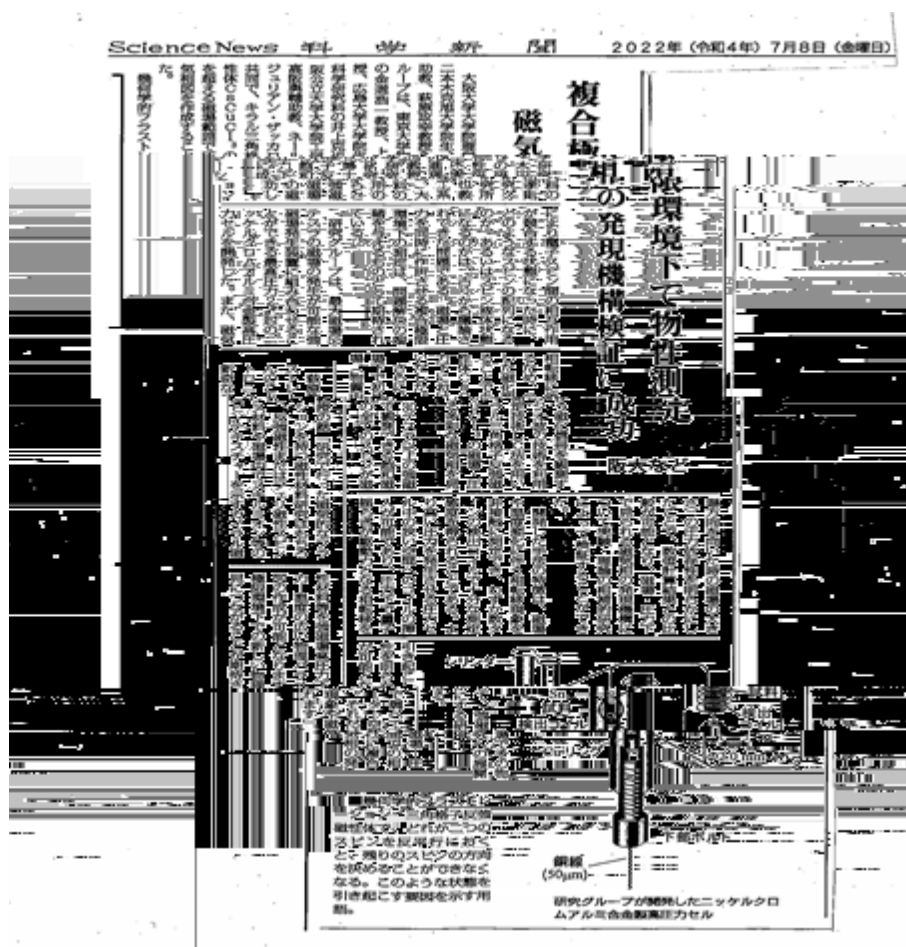
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Science News

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Chairperson The 19th Nano Bio Info Chemistry Symposium(NaBIC2022), the Library Hall of Central Library in Higashi-Hiroshima Campus of Hiroshima University, Japan. 2022.12.16-17
 Goulven Cosquer Co-Chairperson The 19th Nano Bio Info Chemistry Symposium(NaBIC2022), the Library Hall of Central Library in Higashi-Hiroshima Campus of Hiroshima University, Japan.

2022.12.16-17

Zaragoza

Glasgow

TEM

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IFW

ANSTO OPAL

Andrey Leonov Experimental Physics V Center for Electronic Correlations and Magnetism
University of Augsburg (Neel skyrmions in lacunar spinels)

Andrey Leonov Department of Physics University of Basel 4056 Basel Switzerland (Dynamic
cantilever magnetometry)

Andrey Leonov Faculty of Applied Sciences Delft University of Technology (SANS
measurements on cubic helimagnets oblique spiral and skyrmion states)

Andrey Leonov Zernike Institute for Advanced Materials University of Groningen (theoretical
models for chiral magnets)

Andrey Leonov Soft Materials Research Center and Materials Science and Engineering Program
University of Colorado (torons spherulites and other topological particle-like states in chiral

liquid crystals)

Andrey Leonov ITMO University (numerical studies on topological barriers between different modulated states)

Andrey Leonov IFW Dresden (computational facilities cluster simulations)

25th IUPAC Conference on Physical Organic Chemistry (ICPOC25) Co-Chair 2022/7/10-15

International Symposium on Diversity of Chemical Reaction Dynamics, Organizing Committee Member

Symposium on Advanced Molecular Spectroscopy, Organizing Committee Member

Professor Anna Gudmunterdotirr

Professor Das Thematarr

Professor Norbert Hoffmann

Professor Claudine Katan 2

Professor Gavin Tsai

Professor Tzu-Chau Lin 2

Professor Xiaoqing Zeng

TCG-CREST () Professor Bhanu Das CP

Professor Rizlan Bernier-Latmani

Professor Stefan Weyer

, CREST

2020

WPI-SKCM² PI

(

(2019-)

Sadafumi Nishihara, Masaru FUJIBAYASHI, Katsuya INOUE, Masahiro SADAKANE, "Molecular memory and method for manufacturing molecular memory", Patent Application Publication, United States

Pub. No. : US 2022/0302398 A1, Pub. Date : Sep. 22, 2022, Applicant: HIROSHIMA UNIVERSITY

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Video 2022

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Dr. Kenichi Kuroda University of Michigan School of Dentistry USA

Dr. Chann Lagadec IMSERM Université Lille 1 France ALDH1A1

Dr. Satyavani Vemparala The Institute of Mathenatical Sciences India

CDB split GFP

Vap33/Eph/cdc42

Ralf J Sommer Max Planck Institute for Biology Tübingen

Ray Hong California State University Northridge

Andras Paldi INSERM RNA

Kim Wonhee National Institute of Biological Resources, ROK)

Frederic Berger

Dr. Zhiyong Wang Staff Member Department of Plant Biology Carnegie Institution for Science
260 Panama street Stanford CA 94305 USA

Plant Molecular and Cellular Biology (Spain) M.A.Blázquez and D. Alabadí DELLA

Rothamsted Research (England) Steve Tohmas GA

LAVIRE Celine 1

NESME Xavier (INRA) *Rhizobium/Agrobacterium*

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Estebanez

Rob Grainger

Jean-Francois Riou

Marko E. Horb

NIH

Yun-Bo Shi

Tariq Ezaz

Nicolas Perrin

Jeffries Daniel

Mi-Sook Min

Si-Min Lin

Dr. Qi Zhou and Dr. Guojie Zhang Odrorrana

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Suzuki N et al., *PNAS*,

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Phoenix Outstanding Researcher Award

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	1	78		2022 5 22
	2	Young Investigator Paper Award (DGD)	Development, Growth and Differentiation, Editor in chief	2022 6 2
	2	Best Poster Award	The Chair of the 2022 JSDB meeting organizing committee, The President of JSDB	2022 6 2
	2			2022 6 9
	1		70	2022 6 24
	3	NEURO2022	45 65 32	2022 7 1
	LIU QIAN (3)	25th IUPAC International Conference on Physical Organic Chemistry ICPOC prize	ICPOC-25	2022 7 15
	3	2022		2022 8 30
	2	The 15th International Symposium on Ferroic Domains & Micro- to	Conference Chair, The 15th International Symposium on Ferroic	2022 8 30

		Nano-scopic Structures (ISFD-15)	Domains & Micro- to Nano-scopic Structures (ISFD-15)	
	1	11		2022 9 10
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	2	15th Japan Drosophila Research Conference Poster prize	Azusa Kamikouchi JDRC15 committee	2022 9 14
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	2	The 73rd Yamada Conference and Institute for Materials Research International Symposium	Conference Chair, The 73rd Yamada Conference and Institute for Materials Research International Symposium	2022 10 11
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	3	3rd Franco-Japanese Developmental Biology Meeting Prize for the best oral presentation	3rd Franco-Japanese Developmental Biology Meeting	2022 11 10
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	2	12 2022		2022 11 30
	2	MBSJ2022 Science Pitch Award MBSJ2022 EMBO Science Pitch Prize		2022 12 2
	2	14th Japan-China Symposium on Ferroelectric Materials and Their Applications (JCFMA-14)	President of the Dielectric Society of Japan	2022 12 9
	1	49	49	2022 12 10
	3	The 19th Nano Bio Info Chemistry Symposium Student Award		2022 12 17
	2	Wangchingchai Peerapat The 19th Nano Bio Info Chemistry Symposium Student Award		2022 12 17
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		JSR2023		
	1	The 27th Hiroshima International Symposium on Synchrotron Radiation Best Student Poster Award	Chair of Organazing Committee of The 27th Hiroshima International Symposium	2023 3 10
	2	The 27th Hiroshima International Symposium on Synchrotron Radiation Best Student Poster Award	Chair of Organazing Committee of The 27th Hiroshima International Symposium	2023 3 10
	2	The 27th Hiroshima International Symposium on Synchrotron Radiation Best Student Poster Award	Chair of Organazing Committee of The 27th Hiroshima International Symposium	2023 3 10

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