

No.	Type	Title	Authors	Journal/Proc./Book	Number / date	Peer-review	Open Access	DOI	NA/TA/JRA	Partner
1	Article in Journal	NMR quality control of fragment libraries for screening	Sreeramulu S, Richter C, Kuehn T, Azzaoui K, Blommers MJJ, Del Conte R, Fragai M, Trieloff N, Schmieder P, Nazaré M, Specker E, Ivanov V, Oschkinat H, Banci L, Schwalbe H.	Journal of Biomolecular NMR	Jun 12 2020	Yes	Gold	10.1007/s10858-020-00327-9	JRA1	GUF
2	Article in Journal	Improvements on marker-free images alignment for electron tomography	Sorzano COS, De Isidro-Gomez F, Fernandez-Gimenez E, Herreros D, Marco S, Carazo JM, Messaoudi C.	BioRxiv	May 24 2020	No	Green	10.1101/2020.05.22.110445	JRA2	CSIC
3	Article in Journal	Development of in vitro-grown spheroids as a 3D tumor model system for solid-state NMR spectroscopy	Damman R, Lucini Paioni A, Xenaki KT, Beltrán Hernández I, van Bergen en Henegouwen PMP, Baldus M	Journal of Biomolecular NMR	June 19 2020	Yes	Gold	10.1007/s10858-020-00328-8	JRA4	UU
4	Article in Journal	The basics of small-angle neutron scattering (SANS for new users of structural biology)	Jeffries CM, Pietras Z, Svergun DI.	EPJ Web of Conferences	236	Yes	Gold	10.1051/epconf/202023603001	NA	EMBL-HH
5	Article in Journal	Structure-Based Identification and Functional Characterization of a Lipocalin in the Malaria Parasite Plasmodium falciparum	Burda PC, Crosskey T, Lauk K, Zurborg A, Söhnchen C, Liffner B, Wilcke L, Pietsch E, Strauss J, Jeffries CM, Svergun DI, Wilson DW, Wilmanns M, Gilberger TW.	Cell Reports	31/12	Yes	Gold	10.1016/j.celrep.2020.107817	TA	EMBL-HH
6	Article in Journal	Multitarget Virtual Screening for Drug Repurposing in COVID19	Sorzano COS, Crisman E, Carazo JM, Leon R.	ChemRxiv	July 17 2020	No	Green	10.26434/chemrxiv.12652997.v2	JRA1	CSIC
7	Article in Journal	Anomeric Selectivity of Trehalose Transferase with Rare I -Sugars	Mestrom L, Marsden SR, van der Eijk H, Laustsen JU, Jeffries CM, Svergun DI, Hagedoorn PL, Bento I, Hanefeld U.	ACS Catalysis	10/15	Yes	Gold	10.1021/acscatal.0c02117	TA	EMBL-HH

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8	Article in Journal	19F-NMR-based fragment screening for 14 different biologically active RNAs and 10 DNA and protein counter-screens	Binas O, de Jesus V, Landgraf T, Völklein AE, Martins J, Hymon D, Berg H, Bains JK, Biedenbänder T, Fürtig B, Lakshmi Gande S, Niesteruk A, Oxenfarth A, Qureshi NS, Schamber T, Schnieders R, Tröster A, Wacker A, Wirmer-Bartoschek J, Wirtz Martin MA, Stirnal E, Azzaoui K, Blommers MJJ, Richter C, Sreeramulu S, Schwalbe H.	ChemBioChem	Aug 14 2020	Yes	Gold	10.1002/cbic.202000476	JRA1	GUF
9	Article in Journal	In-cell NMR of functional riboswitch aptamers in eukaryotic cells	Broft P, Dzatko S, Krafcikova M, Hansel-Hertsch R, Wacker A, Doetsch V, Trantirek L, Schwalbe H.	Angewandte Chemie International Edition		Yes	Gold	10.1002/anie.202007184	JRA3	GUF
10	Article in Journal	Real-Time Quantitative In-Cell NMR: Ligand Binding and Protein Oxidation Monitored in Human Cells Using Multivariate Curve Resolution	Luchinat E, Barbieri L, Campbell TF, Banci L.	Analytical Chemistry	92/14	Yes	Gold	10.1021/acs.analchem.0c01677	JRA3	CIRMMP
11	Article in Journal	Intracellular Binding/Unbinding Kinetics of Approved Drugs to Carbonic Anhydrase II Observed by in-Cell NMR	Luchinat E, Barbieri L, Cremonini M, Nocentini A, Supuran CT, Banci L.	ACS Chemical Biology		Yes	Gold	10.1021/acschembio.0c00590	JRA3	CIRMMP
12	Article in Journal	Adding Size Exclusion Chromatography (SEC) and Light Scattering (LS) Devices to Obtain High-Quality Small Angle X-Ray Scattering (SAXS) Data	Graewert MA, Da Vela S, Gräwert TW, Molodenskiy DS, Blanchet CE, Svergun DI, Jeffries CM.	Crystals	10/11	Yes	Gold	10.3390/cryst10110975	JRA4	EMBL-HH

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13	Article in Journal	PED in 2021: a major update of the protein ensemble database for intrinsically disordered proteins	Lazar T, Martínez-Pérez E, Quaglia F, Hatos A, Chemes LB, Iserte JA, Méndez NA, Garrone NA, Saldaño TE, Marchetti J, Velez Rueda AJ, Bernadó P, Blackledge M, Cordeiro TN, Fagerberg E, Forman-Kay JD, Fornasari MS, Gibson TJ, Gomes GNW, Gradinaru CC, Head-Gordon T, Ringkjøbing Jensen M, Lemke EA, Longhi S, Marino-Buslje C, Minervini G, Mittag T, Monzon AM, Pappu RM, Parisi G, Ricard-Blum S, Ruff KM, Salladini E, Skepö M, Svergun DI, Vallet SD, Varadi M, Tompa P, Tosatto SCE, Piovesan D.	Nucleic Acids Research		Yes	Gold	10.1093/nar/gkaa1021	JRA4	
14	Article in Journal	Solution structure of the voltage-gated Tim23 channel in complex with a mitochondrial presequence peptide	Zhou S, Ruan M, Li Y, Jing Yang, Bai S, Richter C, Schwalbe H, Xie C, Shen B, Wang J.	Cell Research		Yes	Gold	10.1038/s41422-020-00452-y		GUF
15	Article in Journal	Structural rearrangement of amyloid- β upon inhibitor binding suppresses formation of Alzheimer's disease related oligomers	Lieblein T, Zangl R, Martin J, Hoffmann J, Hutchison MJ, Stark T, Stürnal E, Schrader T, Schwalbe H, Morgner N.	eLife	9	Yes	Gold	10.7554/elife.59306		GUF
16	Article in Journal	Facilitated crystal handling using a simple device for evaporation reduction in microtiter plates	Barthel T, Huschmann FU, Wallacher D, Feiler CG, Klebe G, Weiss MS, Wollenhaupt J.	Journal of Applied Crystallography	54/1	Yes	Gold	10.1107/s1600576720016477	JRA1	HZB

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17	Article in Journal	The folding landscapes of human telomeric RNA and DNA Gquadruplexes are markedly different	Müller D, Bessi I, Richter C, Schwalbe H.	Angewandte Chemie (International Edition)		Yes	Gold	10.1002/anie.202100280	JRA3	GUF
18	Article in Journal	Real-time NMR spectroscopy in the study of biomolecular kinetics and dynamics	Pintér G, Hohmann KF, Grün JT, Wirmer-Bartoschek J, Glaubitz C, Fürtig B, Schwalbe H.	Magnetic Resonance Discussions		Yes	Gold	10.5194/mr-2021-16	JRA3	GUF
19	Article in Journal	Protein in-cell NMR spectroscopy at 1.2 GHz	Luchinat E, Barbieri L, Cremonini M, Banci L.	Journal of Biomolecular NMR		Yes	Gold	10.1007/s10858-021-00358-w	JRA3	CIRMMP
20	Other	Mixed-valence compounds as polarizing agents for Overhauser dynamic nuclear polarization in solids	Gurinov A, Sieland B, Kuzhelev A, Elgabarty H, Kuhne TD, Prisner T, Paradies J, Baldus M, Ivanov KL, Pylaeva S.	Condensed Matter - arXiv.org		No	Green	10.1002/anie.202103215	JRA4	UU
21	Article in Journal	Magnetization transfer to enhance NOE cross-peaks among labile protons: Applications to imino-imino sequential walks in SARS-CoV-2-derived RNAs	Novakovic M, Kupce E, Scherf T, Oxenfarth A, Schnieders R, Grün T, Wirmer-Bartoschek J, Richter C, Schwalbe H, Frydman L.	Angewandte Chemie International Edition		Yes	Green	10.1002/anie.202015948	JRA3	GUF
22	Chapter in a Book	Cryo-focused ion beam lamella preparation protocol for in situ Structural Biology	Moravcová J, Dopitová R, Pinkas M, Nováček J.	Methods in Molecular Biology	Vol. 2305, Ch. 15	Yes	Green	10.1007/978-1-0716-1406-8 ; 10.1007/978-1-0716-1406-8_15	JRA2	CEITEC

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23	Article in Journal	Monitoring Protein-Ligand Interactions in Human Cells by Real-Time Quantitative In-Cell NMR using a High Cell Density Bioreactor	Barbieri L, Luchinat E.	Journal of Visualized Experiments	169	Yes	Gold	doi:10.3791/62323	NA	CIRMMP
24	Article in Journal	Di-phosphorylated BAF shows altered structural dynamics and binding to DNA, but interacts with its nuclear envelope partners	Marcelot A, Petitalot A, Ropars V, Le Du MH, Samson C, Dubois S, Hoffmann G, Miron S, Cuniasse P, Marquez JA, Thai R, Theillet FX, Zinn-Justin S.	Nucleic Acids Research		Yes	Gold	10.1093/nar/gkab184	TA	EMBL-GR
25	Article in Journal	¹ H, ¹³ C, and ¹⁵ N backbone chemical-shift assignments of SARS-CoV-2 non-structural protein 1 (leader protein)	Wang Y, Kirkpatrick J, zur Lage S, Korn SM, Neißner K, Schwalbe H, Schlundt A, Carlomagno T.	Biomolecular NMR Assignments		Yes	Gold	10.1007/s12104-021-10019-6		GUF
26	Article in Journal	3D Heteronuclear Magnetization Transfers for the Establishment of Secondary Structures in SARS-CoV-2-Derived RNAs	Kim J, Novakovic M, Jayanthi S, Lupulescu A, Kupce E, Grün JT, Mertinkus K, Oxenfarth A, Richter C, Schnieders R, Wirmer-Bartoschek J, Schwalbe H, Frydman L.	Journal of the American Chemical Society		Yes	Gold	10.1021/jacs.1c01914		GUF
27	Article in Journal	FragMAXapp: crystallographic fragment-screening data-analysis and project-management system	Lima GMA, Jagudin E, Talibov VO, Benz LS, Marullo C, Barthel T, Wollenhaupt J, Weiss MS, Mueller U.	Acta Crystallographica Section D Structural Biology	77/6	Yes	Gold	10.1107/s2059798321003818	JRA1	HZB
28	Article in Journal	Protocol for image registration of correlative soft X-ray tomography and super-resolution structured illumination microscopy images	Vyas N, Kunne S, Fish TM, Dobbie IM, Harkiolaki M, Paul-Gilloteaux P.	STAR Protocols	2/2	Yes	Gold	10.1016/j.xpro.2021.100529	JRA4	DIAMOND

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29	Article in Journal	Large-Scale Recombinant Production of the SARS-CoV-2 Proteome for High-Throughput and Structural Biology Applications	Altincekic N, Korn SM, Qureshi NS, Dujardin M, Ninot-Pedrosa M, Abele R, Abi Saad MJ, Alfano C, Almeida FCL, Alshamleh I, de Amorim GC, Anderson TK, Anobom CD, Anorma C, Bains JK, Bax A, Blackledge M, Blechar J, Böckmann A, Brigandat L, Bula A, Bütikofer M, Camacho-Zarco AR, Carlomagno T, Putinhon Caruso IP, Ceylan B, Chaikuad A, Chu F, Cole L, Crosby MG, de Jesus V, Dhamotharan K, Felli IC, ..., Varga K, Wang Y, Weber ME, Weigand JE, Wiedemann C, Wirmer-Bartoschek J, Wirtz Martin MA, Zehnder J, Hengesbach M, Schlundt A.	Frontiers in Molecular Biosciences	8	Yes	Gold	10.3389/fmolb.2021.653148		
30	Article in Journal	The missing link: covalent linkages in structural models	Nicholls RA, Wojdyr M, Joosten RP, Catapano L, Long F, Fischer M, Emsley P, Murshudov GN.	Acta Crystallographica Section D Structural Biology	77/6	Yes	Gold	10.1107/s2059798321003934	JRA1	NKI
31	Article in Journal	Modelling covalent linkages in CCP4	Nicholls RA, Joosten RP, Long F, Wojdyr M, Lebedev A, Krissinel E, Catapano L, Fischer M, Emsley P, Murshudov GN.	Acta Crystallographica Section D Structural Biology	77/6	Yes	Gold	10.1107/s2059798321001753	JRA1	NKI
32	Article in Journal	Sample preparation strategies for efficient correlation of 3D SIM and soft X-ray tomography data at cryogenic temperatures	Okolo CA, Kounatidis I, Groen J, Nahas KL, Balint S, Fish TM, Koronfel MA, Cortajarena AL, Dobbie IM, Pereiro E, Harkiolaki M.	Nature Protocols	16/6	Yes	Gold	10.1038/s41596-021-00522-4	JRA4	DIAMOND/ALBA

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33	Article in Journal	Nano-Differential Scanning Fluorimetry for Screening in Fragment-based Lead Discovery	Ahmad MUD, Fish A, Molenaar J, Sreeramulu S, Richter C, Altincekic N, Schwalbe H, Wienk H, Perrakis A.	Journal of Visualized Experiments	171	Yes	Green	10.3791/62469	TA/NA	NKI/GUF
34	Article in Journal	A 3D Cartographic Description of the Cell by Cryo Soft Xray Tomography	Groen J, Sorrentino A, Aballe L, Oliete R, Valcárcel R, Okolo C, Kounatidis I, Harkiolaki M, Pérez-Berná AJ, Pereiro E.	Journal of Visualized Experiments	169	Yes	Green	10.3791/62190	NA	DIAMOND/ALBA
35	Article in Journal	Workflow and Tools for Crystallographic Fragment Screening at the Helmholtz-Zentrum Berlin	Wollenhaupt J, Barthel T, Lima GMA, Metz A, Wallacher D, Jagudin E, Huschmann FU, Hauß T, Feiler CG, Gerlach M, Hellmig M, Förster R, Steffien M, Heine A, Klebe G, Mueller U, Weiss MS.	Journal of Visualized Experiments	169	Yes	Gold	10.3791/62208	NA	HZB
36	Article in Journal	Cryo-EM and Single-Particle Analysis with Scipion	Jiménez-Moreno A, del Caño L, Martínez M, Ramírez-Aportela E, Cuervo A, Melero R, Sánchez-García R, Strelak D, Fernández-Giménez E, de Isidro-Gómez FP, Herreros D, Conesa P, Fonseca Y, Maluenda D, Jiménez de la Morena J, Macías JR, Losana P, Marabini R, Carazo JM, Sorzano COS.	Journal of Visualized Experiments	171	Yes	Gold	10.3791/62261	NA / JRA2	CSIC
37	Article in Journal	NMR-based Fragment Screening in a Minimum Sample but Maximum Automation Mode	Berg H, Wirtz Martin MA, Niesteruk A, Richter C, Sreeramulu S, Schwalbe H.	Journal of Visualized Experiments	172	Yes	Gold	10.3791/62262	NA / JRA1	GUF

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38	Article in Journal	Cryo-Structured Illumination Microscopic Data Collection from Cryogenically Preserved Cells	Vyas N, Perry N, Okolo CA, Kounatidis I, Fish TM, Nahas KL, Jadhav A, Koronfel MA, Groen J, Pereiro E, Dobbie IM, Harkiolaki M.	Journal of Visualized Experiments	171	Yes	Gold	10.3791/62274	NA	DIAMOND
39	Article in Journal	A Sample Preparation Pipeline for Microcrystals at the VMXm Beamline	Crawshaw AD, Beale EV, Warren AJ, Stallwood A, Duller G, Trincao J, Evans G.	Journal of Visualized Experiments	172	Yes	Gold	10.3791/62306	NA	DIAMOND
40	Article in Journal	Strategies for Optimization of Cryogenic Electron Tomography Data Acquisition	Weis F, Hagen WJH, Schorb M, Mattei S.	Journal of Visualized Experiments	169	Yes	Gold	10.3791/62383	NA	EMBL-HD
41	Article in Journal	Achieving Efficient Fragment Screening at XChem Facility at Diamond Light Source	Douangamath A, Powell A, Fearon D, Collins PM, Talon R, Krojer T, Skyner R, Brandao-Neto J, Dunnett L, Dias A, Aimon A, Pearce NM, Wild C, Gorrie-Stone T, von Delft F.	Journal of Visualized Experiments	171	Yes	Gold	10.3791/62414	NA	DIAMOND
42	Article in Journal	Single Particle Cryo-Electron Microscopy: From Sample to Structure	White JBR, Maskell DP, Howe A, Harrow M, Clare DK, Siebert CA, Hesketh EL, Thompson RF	Journal of Visualized Experiments	171	Yes	Gold	10.3791/62415	NA	UNILEEDS
43	Article in Journal	The Automated Crystallography Pipelines at the EMBL HTX Facility in Grenoble.	Cornaciu I, Bourgeois R, Hoffmann G, Dupeux F, Humm AS, Mariaule V, Pica A, Clavel D, Seroul G, Murphy P, Márquez JA.	Journal of Visualized Experiments	172	Yes	Gold	10.3791/62491	NA/JRA1	EMBL-GR

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44	Article in Journal	Secondary structure determination of conserved SARS-CoV-2 RNA elements by NMR spectroscopy	Wacker A, Weigand JE, Akabayov SR, Altincekic N, Bains JK, Banijamali E, Binas O, Castillo-Martinez J, Cetiner E, Ceylan B, Chiu LY, Davila-Calderon J, Dhamotharan K, Duchardt-Ferner E, Ferner J, Frydman L, Fürtig B, Gallego J, Grün JT, Hacker C, Haddad C, Hähnke M, Hengesbach M, Hiller F, Hohmann KF, Hymon D, de Jesus V, Jonker H, Keller H, Knezic B, Landgraf T, Löhr F, Luo L, Mertinkus KR, Muhs C, Novakovic M, Oxenfarth A, alomino-Schätzlein M, Petzold K, Peter SA, Pyper DJ, Qureshi NS, Riad M, Richter C, Saxena K, Schamber T, Scherf T, Schlagnitweit J, Schlundt A, Schnieders R, Schwalbe H, Simba-Lahuasi A, Sreeramulu S, Stinal E, Sudakov A, Tants JN, Tolbert BS, Vögele J, Weiß L, Wirmer-Bartoschek J, Wirtz Martin MA, Wöhnert J, Zetzsche H.	Nucleic Acids Research	48/22	Yes	Gold	/10.1093/nar/gkaa1013		GUF
45	Article in Journal	Exploring the druggability of conserved RNA regulatory elements in the SARS-CoV-2 genome	Sreeramulu S, Richter C, Berg H, Wirtz Martin MA, Ceylan B, Matzel T, Adam J, Altincekic N, Azzaoui K, Bains JK, Blommers MJJ, Ferner J, Fürtig B, Göbel M, Grün JT, Hengesbach M, Hohmann KF, Hymon D, Knezic B, Martins J, Mertinkus KR, Niesteruk A, Peter SA, Pyper DJ, Qureshi NS, Scheffer U, Schlundt A, Schnieders R, Stinal E, Sudakov A, Tröster A, Vögele J, Wacker A, Weigand JE, Wirmer-Bartoschek J, Wöhnert J, Schwalbe H.	Angewandte Chemie International Edition		Yes	Gold	10.1002/anie.202103693	JRA1	GUF

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46	Article in Journal	Evaluation of the Higher Order Structure of Biotherapeutics Embedded in Hydrogels for Bioprinting and Drug Release	Rizzo D, Cerofolini L, Pérez-Ràfols A, Giuntini S, Baroni F, Ravera E, Luchinat C, Fragai M.	Analytical Chemistry		Yes	Gold	10.1021/acs.analchem.1c01850	JRA1	CIRMMP
47	Article in Journal	SARS-CoV-2 Mpro inhibition by a zinc ion: structural features and hints for drug design	Grifagni D, Calderone V, Giuntini S, Cantini F, Fragai M, Banci L.	Chemical Communications	57/64	Yes	Gold	10.1039/d1cc02956h		CIRMMP
48	Article in Journal	Rapid protein delivery to living cells for biomolecular investigation	Torricella F, Bonucci A, Polykretis P, Cencetti F, Banci L.	Biochemical and Biophysical Research Communications	570	Yes	Gold	10.1016/j.bbrc.2021.07.006	JRA3	CIRMMP
49	Article in Journal	A Modular Platform for Streamlining Automated Cryo-FIB Workflows	Klumpe S, Fung HKH, Goetz SK, Zagoriy I, Hampoetz B, Zhang X, Erdmann PS, Baumbach J, Müller CW, Beck M, Plitzko JM, Mahamid J.	bioRxiv		No	Green	10.1101/2021.05.19.444745	JRA2	EMBL-HD
50	Article in Journal	Overarching control of autophagy and DNA damage response by CHD6 revealed by modeling a rare human pathology	Kargapolova Y, Rehim R, Kayserili H, Brühl J, Sofiadi Ks, Zirkel A, Palikyras S, Mizi A, Li Y, Yigit G, Hoischen A, Frank S, Russ N, Trautwein J, van Bon B, Gilissen C, Laugsch M, Gusmao EG, Josipovic N, Altmüller J, Nürnberg P, Längst G, Kaiser FJ, Watrin E, Brunner H, Rada-Iglesias A, Kurian L, Wollnik B, Bouazoune K, Papantonis A.	Nature Communications	12/1	Yes	Gold	10.1038/s41467-021-23327-1	TA	NKI

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51	Article in Journal	Frag4Lead: growing crystallographic fragment hits by catalog using fragment-guided template docking	Metz A, Wollenhaupt J, Glöckner S, Messini N, Huber S, Barthel T, Mehrabed A, Gerber HD, Heine A, Klebe G, Weiss MS.	Acta Crystallographica Section D Structural Biology	77/8	Yes	Gold	10.1107/s2059798321008196	JRA1	HZB
52	Article in Journal	Mixed-Valence Compounds as Polarizing Agents for Overhauser Dynamic Nuclear Polarization in Solids	Gurinov A, Sieland B, Kuzhelev A, Elgabarty H, Kühne TD, Prisner T, Paradies J, Baldus M, Ivanov KL, Pylaeva S.	Angewandte Chemie International Edition	60/28	Yes	Gold	10.1002/anie.202103215	TA	UU
53	Article in Journal	High-Resolution Studies of Proteins in Natural Membranes by Solid-State NMR	Beriashvili D, Schellevis RD, Napoli F, Weingarth M, Baldus M.	Journal of Visualized Experiments	169	Yes	Green	10.3791/62197	NA	UU
54	Article in Journal	New restraints and validation approaches for nucleic acid structures in PDB-REDO	de Vries I, Kwakman T, Lu XJ, Hekkelman ML, Deshpande M, Velankar S, Perrakis A, Joosten RP.	Acta Crystallographica Section D Structural Biology	77/9	Yes	Gold	10.1107/s2059798321007610	JRA	NKI / EMBL-EBI
55	Article in Journal	Cryo-EM density maps adjustment for subtraction, consensus and sharpening	Fernández-Giménez E, Martínez M, Sánchez-García R, Marabini R, Ramírez-Aportela E, Conesa P, Carazo JM, Sorzano COS.	Journal of Structural Biology	213/4	Yes	Gold	10.1016/j.jsb.2021.107780	JRA2	CSIC
56	Article in Journal	Disentangling Chromophore States in a Reversibly Switchable Green Fluorescent Protein: Mechanistic Insights from NMR Spectroscopy	Christou NE, Giandoreggio-Barranco K, Ayala I, Glushonkov O, Adam V, Bourgeois D, Brutscher B.	Journal of the American Chemical Society	143/19	Yes	Green	10.1021/jacs.1c02442	JRA2	RALF-NMR

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57	Article in Journal	Fixed Target Serial Data Collection at Diamond Light Source	Horrell S, Axford D, Devenish NE, Ebrahim A, Hough MA, Sherrell DA, Storm SLS, Tews I, Worrall JAR, Owen RL.	Journal of Visualized Experiments	168	Yes	Gold	10.3791/62200	NA	DIAMOND
58	Article in Journal	An automated platform for structural analysis of membrane proteins through serial crystallography	Healey RD, Basu S, Humm AS, Leyrat C, Cong X, Golebiowski J, Dupeux F, Pica A, Granier S, Márquez JA.	bioRxiv	Jun 3, 2021	Yes	Gold	10.1101/2021.06.03.446146	JRA1	EMBL-GR
59	Article in Journal	Molecular Basis of Multiple Mitochondrial Dysfunctions Syndrome 2 Caused by CYS59TYR BOLA3 Mutation	Saudino G, Suraci D, Nasta V, Ciofi-Baffoni S, Banci L.	International Journal of Molecular Sciences	22(9)	Yes	Gold	10.3390/ijms22094848	NA	CIRMMP
60	Article in Journal	Unveiling the Dimer/Monomer Propensities of Smad MH1-DNA Complexes	Ruiz L, Kaczmarek Z, Gomes T, Aragon E, Torner C, Freier R, Baginski B, Martin-Malpartida P, de Martin Garrido N, Marquez JA, Cordeiro TN, Pluta R, Macias MJ.	Computational and Structural Biotechnology Journal	06/Jan/21	Yes	Gold	10.1016/j.csbj.2020.12.044	NA	EMBL-GR
61	Article in Journal	Structural Bases for the Allergenicity of Fra a 1.02 in Strawberry Fruits.	Orozco-Navarrete B, Kaczmarek Z, Dupeux F, Garrido-Arandia M, Pott D, Perales AD, Casañal A, Márquez JA.	J. Agric. Food Chem	68	Yes	Gold	10.1021/acs.jafc.9b05714	NA	EMBL-GR
62	Article in Journal	Principal component analysis is limited to low-resolution analysis in cryoEM	Sorzano COS, Carazo JM.	Acta Crystall. Section D	77, June 2021	Yes	Gold	10.1107/S2059798321002291	JRA2	CSIC
63	Article in Journal	Algorithmic robustness to preferred orientations in single particle analysis by CryoEM.	Sorzano COS, Semchonok D, Lin SC, Lo YC, Vilas JL, Jimenez-Moreno A, Gragera M, Vacca S, Maluenda D, Martinez M, Ramirez-Aportela E, Melero R, Cuervo A, Conesa JJ, Conesa P, Losana P, Del Cano L, de la Morena JJ, Fonseca YC, Sanchez-	Journal of Struct. Biol.	213 (1), March 2021	Yes	Gold	10.1016/j.jsb.2020.107695	JRA2	CSIC

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			Garcia R, Strelak D, Fernandez-Gimenez E, de Isidro F, Herreros D, Kastritis PL, Marabini R, Bruce BD, Carazo JM.							