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1055	Microstructure and mechanical properties of the novel Hf25Sc25Ti25Zr25 equiatomic alloy with hexagonal solid solutions. <b>2016</b> , 92, 8-17	41
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1049	Machine Learning Based Dimensionality Reduction Facilitates Ligand Diffusion Paths Assessment: A Case of Cytochrome P450cam. <b>2016</b> , 12, 2110-20	22
1048	Teaching introductory GIS programming to geographers using an open source Python approach. <b>2016</b> , 40, 117-130	9
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1046	Motion and distortion correction of skeletal muscle echo planar images. <b>2016</b> , 34, 832-838	3
1045	The VLT LBG redshift survey LV. Characterizing thez´=´3.1 Lyman Lemitter population. <b>2016</b> , 456, 4061-4080	23
1044	An analysis of Landsat 7 and Landsat 8 underflight data and the implications for time series investigations. <b>2016</b> , 185, 16-36	58
1043	CTAB-Influenced Electrochemical Dissolution of Silver Dendrites. <b>2016</b> , 32, 3601-7	16
1042	External photoevaporation of protoplanetary discs in sparse stellar groups: the impact of dust growth. <b>2016</b> , 457, 3593-3610	92
1041	Insights into quasar UV spectra using unsupervised clustering analysis. <b>2016</b> , 459, 1659-1681	2
1040	Possible Population III remnants at redshift 3.5. <b>2016</b> , 457, L44-L48	16
1039	Dissociative Adsorption of H2 on PtRu Bimetallic Surfaces. <b>2016</b> , 120, 7201-7212	3
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1037	Mergers and the outside-in formation of dwarf spheroidals. <b>2016</b> , 456, 1185-1194	35
1036	The Palomar kernel-phase experiment: testing kernel phase interferometry for ground-based astronomical observations. <b>2016</b> , 455, 1647-1653	8
1035	Progenitor constraints for core-collapse supernovae from Chandra X-ray observations. <b>2016</b> , 457, 1107-1123	3
1034	Laser ablation inductively coupled plasma mass spectrometry for quantitative imaging of elements in ferromanganese nodule. <b>2016</b> , 427, 65-72	8

1033	Myokit: A simple interface to cardiac cellular electrophysiology. <b>2016</b> , 120, 100-14	46
1032	ADVANCED DATA VISUALIZATION IN ASTROPHYSICS: THE X3D PATHWAY. <b>2016</b> , 818, 115	17
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1029	On the early stages of precipitation in dilute MgNd alloys. <b>2016</b> , 108, 367-379	85
1028	Highly Accurate Sequencing of Full-Length Immune Repertoire Amplicons Using Tn5-Enabled and Molecular Identifier-Guided Amplicon Assembly. <b>2016</b> , 196, 2902-7	24
1027	MOTION VERIFIED RED STARS (MoVeRS): A CATALOG OF PROPER MOTION SELECTED LOW-MASS STARS FROMWISE, SDSS, AND 2MASS. <b>2016</b> , 151, 41	10
1026	Novel actin filaments from Bacillus thuringiensis form nanotubules for plasmid DNA segregation. <b>2016</b> , 113, E1200-5	12
1025	Change-based test selection: an empirical evaluation. <b>2016</b> , 21, 1990-2032	17
1024	A dynamic probabilistic material flow modeling method. <b>2016</b> , 76, 69-80	45
1023	A review of action estimation methods for galactic dynamics. <b>2016</b> , 457, 2107-2121	58
1022	Predicting load path and tensile forces during cable yarding operations on steep terrain. <b>2016</b> , 21, 1-14	13
1021	Accounting for Surface Refraction in Velocity Semblance Analysis With Air-Coupled GPR. <b>2016</b> , 9, 60-73	9
1020	How are they different? A quantitative domain comparison of information visualization and data visualization (2000\( \textbf{Q} 014 \)). <b>2016</b> , 107, 123-165	25
1019	The Role of the Membrane in the Structure and Biophysical Robustness of the Dengue Virion Envelope. <b>2016</b> , 24, 375-82	62
1018	A locally preferred structure characterises all dynamical regimes of a supercooled liquid. <b>2016</b> , 96, 1212-1227	43
1017	Effect of network topology on localization algorithm performance. <b>2016</b> , 7, 445-454	7
1016	Multiband array detection and location of seismic sources recorded by dense seismic networks. <b>2016</b> , 205, 1548-1573	45

1015	IICanII Get No SatisfactionIIHelping Autonomous Systems Identify Their Unsatisfied Interdomain Interests. <b>2016</b> , 13, 43-57	2
1014	An archive-based multi-objective evolutionary algorithm with adaptive search space partitioning to deal with expensive optimization problems: Application to process eco-design. <b>2016</b> , 87, 95-110	10
1013	Stimulus size dependence of hue changes induced by chromatic surrounds. <b>2016</b> , 33, A267-72	
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1011	Shorter telomere length in Europeans than in Africans due to polygenetic adaptation. <b>2016</b> , 25, 2324-2330	67
1010	Efficient preparation and analysis of membrane and membrane protein systems. <b>2016</b> , 1858, 2468-2482	23
1009	Crack tip blunting and cleavage under dynamic conditions. <b>2016</b> , 90, 18-28	11
1008	Turbulence and fire-spotting effects into wild-land fire simulators. <b>2016</b> , 39, 300-320	15
1007	Imaging architecture of the Jakarta Basin, Indonesia with transdimensional inversion of seismic noise. <b>2016</b> , 204, 918-931	37
1006	Flutter of stiffened composite panels considering the stiffener\(\mathbb{B}\) base as a structural element. <b>2016</b> , 140, 36-43	19
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1004	Introducing an artificial photo-switch into a biological pore: A model study of an engineered Ehemolysin. <b>2016,</b> 1858, 689-97	12
1003	A direct measurement of tomographic lensing power spectra from CFHTLenS. <b>2016</b> , 456, 1508-1527	31
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992	Ocular artifact suppression from EEG using ensemble empirical mode decomposition with principal component analysis. <b>2016</b> , 54, 78-86	26
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986	SUPER-FOCUS: a tool for agile functional analysis of shotgun metagenomic data. <b>2016</b> , 32, 354-61	82
985	Visual Encodings of Temporal Uncertainty: A Comparative User Study. <b>2016</b> , 22, 539-48	31
984	BSIM4 to PSP Model Conversion: A Case Study. <b>2016</b> , 25, 1640011	O
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981	CATOS (Computer Aided Training/Observing System): Automating animal observation and training. <b>2017</b> , 49, 13-23	6
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977	Emergent spatial synaptic structure from diffusive plasticity. <b>2017</b> , 45, 1057-1067	4
976	Lessons from temporal and spatial patterns in global use of N and P fertilizer on cropland. <b>2017</b> , 7, 40366	105
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960	Going wireless and booth-less for hearing testing in industry. <b>2017</b> , 56, 41-51	24
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946	XDesign: an open-source software package for designing X-ray imaging phantoms and experiments. <b>2017</b> , 24, 537-544	21
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928	Fabrication of ultrahigh aspect ratio silicon nanostructures using self-assembled gold metal-assisted chemical etching. <b>2017</b> , 16, 014502	12
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466	Variable microtubule architecture in the malaria parasite. <b>2023</b> , 14,	O
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456	Crotonaldehyde Adsorption on Cu-Pt Surface Alloys: A Quantum Mechanics Study. <b>2023</b> , 5, 463-478	o
455	LOTUS: A (Non-) LTE Optimization Tool for Uniform Derivation of Stellar Atmospheric Parameters. <b>2023</b> , 165, 145	0
454	A Semiblind PCA-based Foreground Subtraction Method for 21 cm Intensity Mapping. <b>2023</b> , 945, 38	o
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444	Characterization of the Aroma Profile of Food Smoke at Controllable Pyrolysis Temperatures. <b>2023</b> , 10, 176	o
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420	Prototype global analysis of LISA data with multiple source types. <b>2023</b> , 107,	O
419	Testing Cosmic Microwave Background Anomalies in E-mode Polarization with Current and Future Data. <b>2023</b> , 945, 79	O
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417	Identifying and overcoming the sampling challenges in relative binding free energy calculations of a model protein:protein complex.	O
416	Universality of the muon component of extensive air showers. <b>2023</b> , 2023, 022	O
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407	X-ray Time Lag Evaluation of MAXI J1820+070 with a Differential Cross-correlation Analysis. <b>2023</b> , 945, 92	O
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405	A candidate magnetic helium-core white dwarf in the globular cluster NGC 6397. <b>2023</b> , 521, 5026-5032	O
404	SViMULATE: a computer program facilitating interactive, multi-mode simulation of analytical ultracentrifugation data.	O

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402	Simplified Optimization of the Magnetic Configuration of HEMP-Thrusters. <b>2023</b> , 13, 3491	О
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396	Effect of channel density, inverse solutions and connectivity measures on EEG resting-state networks reconstruction: A simulation study. <b>2023</b> , 271, 120006	О
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390	Central carbon metabolite profiling reveals vector-associated differences in the recombinant protein production host Escherichia coli BL21. 5,	O
389	Monitoring of military-designated composites and processing of the images obtained with the use of terahertz radiation. <b>2023</b> ,	О
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384	Seasonal effects decouple SARS-CoV-2 haplotypes worldwide. 12, 267	O
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382	Medical image captioning via generative pretrained transformers. <b>2023</b> , 13,	О
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377	A hybrid map-Cleomponent separation method for primordial CMB B-mode searches. 2023, 2023, 035	0
376	Surface Wind Speeds and Enthalpy Fluxes During Tropical Cyclone Formation From Easterly Waves: A CYGNSS View. <b>2023</b> , 50,	Ο
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348	Constraining the Systematics of (Acoustic) Wave Heating Estimates in the Solar Chromosphere. <b>2023</b> , 945, 154	O
347	Multi-scale Physical Properties of NGC 6334 as Revealed by Local Relative Orientations between Magnetic Fields, Density Gradients, Velocity Gradients, and Gravity. <b>2023</b> , 945, 160	О
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336	Bayesian Statistics Approach to Imaging of Aperture Synthesis Data: RESOLVE Meets ALMA.	O
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319	Robust classification using average correlations as features (ACF). <b>2023</b> , 24,	О
318	Observations of GRB 230307A by TESS. <b>2023</b> , 7, 56	O
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304	Bright-mode Emission from PSR B0823+26 Using the Five-hundred-meter Aperture Spherical Radio Telescope. <b>2023</b> , 946, 2	O
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297	The Demographics of Terrestrial Planets in the Venus Zone. <b>2023</b> , 165, 168	Ο
296	Effects of Acute Stress on Rigid Learning, Flexible Learning, and Value-Based Decision-Making in Spatial Navigation. 095679762311558	O

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292	Applying the Metallicity-dependent Binary Fraction to Double White Dwarf Formation: Implications for LISA. <b>2023</b> , 945, 162	O
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280	Correlating Changes in Spot Filling Factors with Stellar Rotation: The Case of LkCa 4. <b>2023</b> , 946, 10	O
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264	A comparative study of seismic tomography models of Southwest China. <b>2023</b> , 36, 15-39	О
263	Morphological asymmetries of quasar host galaxies with Subaru Hyper Suprime-Cam. <b>2023</b> , 521, 5272-5297	О
262	The Local Group⊞ mass: probably no more than the sum of its parts. <b>2023</b> , 521, 4863-4877	О
261	IC 5146 Dark Streamer: The First Reliable Candidate of Edge Collapse, Hub-filament Systems, and Intertwined Sub-filaments. <b>2023</b> , 946, 22	О
260	Collisional evolution of dust and water ice in protoplanetary discs during and after an accretion outburst. <b>2023</b> , 521, 5826-5845	O

259	An extended Tudor domain within Vreteno interconnects Gtsf1L and Ago3 for piRNA biogenesis inBombyx mori.	Ο
258	Integrating EM and Patch-seq data: Synaptic connectivity and target specificity of predicted Sst transcriptomic types.	O
257	A High-precision Survey of the D/H Ratio in the Nearby Interstellar Medium. 2023, 946, 34	О
256	Analytical weak-lensing shear responses of galaxy properties and galaxy detection. 2023, 521, 4904-4926	O
255	Hydroperoxidation of Docosahexaenoic Acid by Human ALOX12 and pigALOX15-mini-LOX. <b>2023</b> , 24, 6064	O
254	Analysis of bacterial pangenomes reduces CRISPR dark matter and reveals strong association between membranome and CRISPR-Cas systems. <b>2023</b> , 9,	O
253	Mortalidad por neumon∃ en Colombia 2010 12019: anŪsis y predicci∃ con series de tiempo. <b>2022</b> , 10, 1-15	O
252	Searching for Supernovae in HETDEX Data Release 3*. <b>2023</b> , 946, 31	О
251	Chiropterans are a hotspot for horizontal transfer of DNA transposons in Mammalia.	O
250	Magnetohydrodynamic simulations of the Tayler instability in rotating stellar interiors. <b>2023</b> , 521, 5372-5383	O
249	High-frequency Decayless Waves with Significant Energy in Solar Orbiter/EUI Observations. <b>2023</b> , 946, 36	O
248	PtyLab.m/py/jl: a cross-platform, open-source inverse modeling toolbox for conventional and Fourier ptychography. <b>2023</b> , 31, 13763	O
247	Impact of Rubin Observatory Cadence Choices on Supernovae Photometric Classification. <b>2023</b> , 265, 43	0
246	Outflows driven by direct and reprocessed radiation pressure in massive star clusters. <b>2023</b> , 521, 5160-5176	O
245	Modeling the role of immune cell conversion in the tumor-immune microenviroment.	O
244	Detecting non-Gaussian gravitational wave backgrounds: A unified framework. <b>2023</b> , 107,	O
243	Measuring the Quantum State of Dark Matter.	0
242	Multi-Scale Spiking Network Model of Human Cerebral Cortex.	О

241	Accurate clinical toxicity prediction using multi-task deep neural nets and contrastive molecular explanations. <b>2023</b> , 13,	0
240	Dense geophysical observations reveal a triggered, concurrent multi-fault rupture at the Mendocino Triple Junction. <b>2023</b> , 4,	Ο
239	An intracochlear electrocochleography dataset - from raw data to objective analysis using deep learning. <b>2023</b> , 10,	0
238	Stirred but not shaken: a multiwavelength view of HD 167438 debris disc. <b>2023</b> , 521, 5940-5951	O
237	Quantifying the Spatial Representativeness of Carbon Flux Footprints of a Grassland Ecosystem in the Semi-Arid Region. <b>2023</b> , 128,	0
236	Rhapsody-C simulations hanisotropic thermal conduction, black hole physics, and the robustness of massive galaxy cluster scaling relations. <b>2023</b> , 522, 721-749	O
235	An assessment of the association between a fast radio burst and binary neutron star merger.	0
234	Flet-Edge: A Full Life-cycle Evaluation Tool for deep learning framework on the Edge. 2023,	Ο
233	Non-structural genes of novel lemur adenoviruses reveal codivergence of virus and host. <b>2023</b> , 9,	0
232	Photometric Catalogue for Space and Ground Night-Time Remote-Sensing Calibration: RGB Synthetic Photometry from Gaia DR3 Spectrophotometry. <b>2023</b> , 15, 1767	Ο
231	Axis convergence inC. elegansembryos.	0
230	Critical Evaluation of a microRNA-Based Risk Classifier Predicting Cancer-Specific Survival in Renal Cell Carcinoma with Tumor Thrombus of the Inferior Vena Cava. <b>2023</b> , 15, 1981	O
229	The Quest for the Missing Dust. II. Two Orders of Magnitude of Evolution in the Dust-to-gas Ratio Resolved within Local Group Galaxies. <b>2023</b> , 946, 42	0
228	Modeling early-universe energy injection with dense neural networks. <b>2023</b> , 107,	O
227	Revising Properties of PlanetHost Binary Systems. III. There Is No Observed Radius Gap for Kepler Planets in Binary Star Systems* ´. <b>2023</b> , 165, 177	0
226	Do H⑤tokes V Profiles Probe the Chromospheric Magnetic Field? An Observational Perspective*. <b>2023</b> , 946, 38	O
225	Quantum error correction with dissipatively stabilized squeezed-cat qubits. 2023, 107,	0
224	Ringtail: A Python Tool for Efficient Management and Storage of Virtual Screening Results. <b>2023</b> , 63, 1858-1864	O

223	Light and electron microscopy continuum-resolution imaging of 3D cell cultures. <b>2023</b> , 58, 616-632.e6	Ο
222	The Radio to GeV Afterglow of GRB 221009A. <b>2023</b> , 946, L23	Ο
221	Limit on Supernova Emission in the Brightest Gamma-Ray Burst, GRB 221009A. <b>2023</b> , 946, L25	Ο
220	Elemental Abundances of Kepler Objects of Interest in APOGEE DR17. 2023, 165, 178	Ο
219	Generative network modeling reveals quantitative definitions of bilateral symmetry exhibited by a whole insect brain connectome. 12,	0
218	Dipole formalism for massive initial-state particles and its application to dark matter calculations. <b>2023</b> , 107,	O
217	Renormalization-group-invariant effective field theory for few-nucleon systems is cutoff dependent. <b>2023</b> , 107,	0
216	Modular robot interface for a smart operating theater.	Ο
215	Identifying the regional emergence of climate patterns in the ARISE-SAI-1.5 simulations. <b>2023</b> , 18, 044031	0
214	Modeling of the Magnetic Turbulence Level and Source Function of Particle Injection from Multiple SEP Events. <b>2023</b> , 9, 91	O
213	Prediction and Verification of Parker Solar Probe Solar Wind Sources at 13.3 R?. 2023, 128,	0
212	Finding r-II Sibling Stars in the Milky Way with the Greedy Optimistic Clustering Algorithm. <b>2023</b> , 946, 48	O
211	Instrument-independent chemometric models for rapid, calibration-free NPS isomer differentiation from mass spectral GC-MS data. <b>2023</b> , 111650	0
210	Simulation-based inference of single-molecule force spectroscopy. <b>2023</b> , 4, 025009	O
209	Computational Analysis of Harmonically Oscillating Lid-Driven Incompressible Fluid in L-Shaped Cavity Using Lattice Boltzmann Method. <b>2023</b> , 435-440	0
208	Abell 1201: detection of an ultramassive black hole in a strong gravitational lens. <b>2023</b> , 521, 3298-3322	O
207	Constraining the shape of dark matter haloes with globular clusters and diffuse stellar light in the E-MOSAICS simulations. <b>2023</b> , 521, 6368-6382	0
206	Targeting CLDN6 in germ cell tumors by an antibody-drug-conjugate and studying therapy resistance of yolk-sac tumors to identify and screen specific therapeutic options. <b>2023</b> , 29,	Ο

205	H.E.S.S. Follow-up Observations of GRB 221009A. <b>2023</b> , 946, L27	О
204	Assessing structure and disorder prediction tools for de novo emerged proteins in the age of machine learning. 12, 347	О
203	Large neutral amino acid levels tune perinatal neuronal excitability and survival. 2023,	0
202	Forming intracluster gas in a galaxy protocluster at a redshift of 2.16. <b>2023</b> , 615, 809-812	О
201	Physics-regularized neural network of the ideal-MHD solution operator in Wendelstein 7-X configurations. <b>2023</b> , 63, 066020	0
200	Extremely Relativistic Tidal Disruption Events. <b>2023</b> , 946, L33	О
199	Mock data study for next-generation ground-based detectors: The performance loss of matched filtering due to correlated confusion noise. <b>2023</b> , 107,	0
198	New Observational H(z) Data from Full-spectrum Fitting of Cosmic Chronometers in the LEGA-C Survey. <b>2023</b> , 265, 48	O
197	Comparison of the classification of HER2 from whole-slide images between pathologists and a deep learning model.	O
196	Resonant inelastic x-ray scattering data for Ruddlesden-Popper and reduced Ruddlesden-Popper nickelates. <b>2023</b> , 10,	О
195	StarHorse results for spectroscopic surveys and Gaia DR3: Chrono-chemical populations in the solar vicinity, the genuine thick disk, and young alpha-rich stars.	0
194	UVIT Observations of the Small Magellanic Cloud: Point-source Catalog. <b>2023</b> , 946, 65	О
193	The Undiscovered Ultradiffuse Galaxies of the Local Group. 2023, 946, L37	O
192	Applying the core-satellite species concept: Characteristics of rare and common riverine dissolved organic matter. 5,	o
191	Online Multiscale Finite Element Simulation of Thermo-Mechanical Model with Phase Change. <b>2023</b> , 11, 71	0
190	COOLIIAMPS. III. Discovery of a 25.?9 Separation Quasar Lensed by a Merging Galaxy Cluster* ´. <b>2023</b> , 946, 63	О
189	Hardy Weinberg Principle Automation: A Comparative study of Neural network and Fuzzy based accessibility model for the study of Evolution. <b>2022</b> ,	0
188	Integrating Remote Sensing, Proximal Sensing, and Probabilistic Modeling to Support Agricultural Project Planning and Decision-Making for Waterlogged Fields. <b>2023</b> , 15, 1340	О

187	Pain Detection in Biophysiological Signals: Knowledge Transfer from Short-Term to Long-Term Stimuli Based on Distance-Specific Segment Selection. <b>2023</b> , 12, 71	O
186	The SAMIBornax Dwarfs Survey [III. Evolution of [ÆFe] in dwarfs, from Galaxy Clusters to the Local Group. <b>2023</b> , 522, 130-150	O
185	PyOncoPrint: a python package for plotting OncoPrints. <b>2023</b> , 21, e14	0
184	L-dwarf Detection from SDSS Images using Improved Faster R-CNN. <b>2023</b> , 165, 184	О
183	Modest Dust Settling in the IRAS04302+2247 Class I Protoplanetary Disk. <b>2023</b> , 946, 70	О
182	Bubble in the Whale: Identifying the Optical Counterparts and Extended Nebula for the Ultraluminous X-Ray Sources in NGC 4631. <b>2023</b> , 946, 72	O
181	miRNA binding pressure channels evolution of SARS-CoV-2 genomes.	О
180	Multiclass classification of Fermi-LAT sources with hierarchical class definition. <b>2023</b> , 521, 6195-6209	O
179	A Secondary Zone of Uplift Measured After Megathrust Earthquakes: Caused by Early Downdip Afterslip?. <b>2023</b> , 50,	0
178	formikoj: A flexible library for data management and processing in geophysicsApplication for seismic refraction data. <b>2023</b> , 176, 105339	О
177	The most luminous, merger-free AGNs show only marginal correlation with bar presence. <b>2023</b> , 522, 211-225	0
176	Disentangling the distal association between EAmyloid and tau pathology at varying stages of tau deposition.	О
175	Mapping state transition susceptibility in quantum annealing. <b>2023</b> , 5,	O
174	Deciphering the relational dynamics of AF-2 domain of PAN PPAR through drug repurposing and comparative simulations. <b>2023</b> , 18, e0283743	О
173	PySilSub: An open-source Python toolbox for implementing the method of silent substitution in vision and non-visual photoreception research.	0
172	Effect of a protease-activated receptor-2 antagonist (GB88) on inflammation-related loss of alveolar bone in periodontal disease.	O
171	Protein language models can capture protein quaternary state.	0
170	TESS Observations of the Pleiades Cluster: A Nursery for <b>Scuti Stars. 2023</b> , 946, L10	O

169	Utilizing Sensitivity and Correlation Coefficients from MCNP and Whisper to Guide Microreactor Experiment Design. 1-13	0
168	SN 2020jgb: A Peculiar Type Ia Supernova Triggered by a Helium-shell Detonation in a Star-forming Galaxy. <b>2023</b> , 946, 83	O
167	Metaboverse enables automated discovery and visualization of diverse metabolic regulatory patterns. <b>2023</b> , 25, 616-625	0
166	CEERS Key Paper. IV. A Triality in the Nature of HST-dark Galaxies. <b>2023</b> , 946, L16	О
165	A social niche breadth score reveals niche range strategies of generalists and specialists.	O
164	Search for a Black Hole Binary in Gaia DR3 Astrometric Binary Stars with Spectroscopic Data. <b>2023</b> , 946, 79	O
163	Characterization of Low-mass Companions to Kepler Objects of Interest Observed with APOGEE-N. <b>2023</b> , 265, 50	О
162	Observed UV Continuum Slopes (Dof Galaxies at $z=0.40\text{D}.75$ in the GOODS-North Field. <b>2023</b> , 946, 90	O
161	Revisiting Collisional Dust Growth in Class 0/I Protostellar Disks: Sweep-up Can Convert a Few 10 M? of Dust into Kilogram Pebbles in 0.1 Myr. <b>2023</b> , 946, 94	0
160	Monitoring Seasonal Fluctuation and Long-Term Trends for the Greenland Ice Sheet Using Seismic Noise Auto-Correlations. <b>2023</b> , 50,	O
159	Recursive computed ABC (cABC) analysis as a precise method for reducing machine learning based feature sets to their minimum informative size. <b>2023</b> , 13,	О
158	Spectral performance of the Microchannel X-ray Telescope on board the SVOM mission.	O
157	Preparations for quantum simulations of quantum chromodynamics in 1+1 dimensions. I. Axial gauge. <b>2023</b> , 107,	О
156	Gibberellins promote polar auxin transport to regulate stem cell fate decisions in cambium. <b>2023</b> , 9, 631-644	O
155	Sodium ion influx regulates liquidity of biomolecular condensates in hyperosmotic stress response. <b>2023</b> , 112315	0
154	Dark Energy Survey Year 3 results: Constraints on extensions to IDM with weak lensing and galaxy clustering. <b>2023</b> , 107,	O
153	The Role of C2 Domains in Two Different Phosphatases: PTEN and SHIP2. <b>2023</b> , 13, 408	О
152	Accounting for Age in Prediction of Discharge Destination Following Elective Lumbar Fusion: A Supervised Machine Learning Approach. <b>2023</b> ,	Ο

151	Using macromolecular electron densities to improve the enrichment of active compounds in virtual screening.	O
150	Three-dimensional chromatin organization promotes genome evolution in a fungal plant pathogen.	O
149	A hard look at the X-ray spectral variability of NGC 7582. <b>2023</b> , 522, 1169-1182	0
148	Regionally high risk increase for precipitation extreme events under global warming. 2023, 13,	O
147	50-kHz ultrasonic vocalizations do not signal social anhedonia in transgenic DISC1 rats.	0
146	Metal line emission from galaxy haloes at z 🗈 . <b>2023</b> , 522, 535-558	O
145	Prospective Genomic Surveillance Reveals Cryptic MRSA Outbreaks with Local to International Origins among NICU Patients.	0
144	Intelligent De Novo Design of Novel Antimicrobial Peptides against Antibiotic-Resistant Bacteria Strains. <b>2023</b> , 24, 6788	O
143	Beyond ManifoldEM: geometric relationships between manifold embeddings of a continuum of 3D molecular structures and their 2D projections.	0
142	pyTANSPEC: A data reduction package for TANSPEC. <b>2023</b> , 44,	O
141	Exploring the power of machine learning in analyzing the gas minimum miscibility pressure in hydrocarbons. <b>2023</b> , 226, 211778	0
140	Constraining IDM with density-split clustering. <b>2023</b> , 522, 606-625	O
139	Application of the variational autoencoder to detect the critical points of the anisotropic Ising model. <b>2023</b> , 107,	0
138	Modelling the cosmological LymanWerner background radiation field in the early Universe. <b>2023</b> , 522, 330-349	O
137	Special focus/Rapid Communication Moment magnitudes of two large Turkish earthquakes on February 6, 2023 from long-period coda. <b>2023</b> , 36, 169-174	0
136	Testing protoplanetary disc evolution with CO fluxes. <b>2023</b> , 672, L15	O
135	Cosmological constraints from galaxy clusters and groups in the eROSITA final equatorial depth survey. <b>2023</b> , 522, 1601-1642	0
134	RNAlysis: analyze your RNA sequencing data without writing a single line of code. <b>2023</b> , 21,	O

133	Brolucizumab for Neovascular Age-Related Macular Degeneration (BEL Study). Volume 17, 1077-1085	O
132	Uncovering the social determinants of brain injury rehabilitation. 135910532311662	O
131	Modelling Dark Matter Halo Spin using Observations and Simulations: application to UGC 5288.	O
130	Galaxy and Mass Assembly (GAMA): Low-redshift Quasars and Inactive Galaxies Have Similar Neighbors´. <b>2023</b> , 946, 116	O
129	UVIT view of NGC 5291: Ongoing star formation in tidal dwarf galaxies at $\sim 0.35\mathrm{kpc}$ resolution. <b>2023</b> , 522, 1196-1207	O
128	Coefficient of Restitution and Collision Pulse Duration in Low-Speed Vehicle-to-Barrier Impacts.	O
127	A Unified View of Vibrational Spectroscopy Simulation through Kernel Density Estimations. <b>2023</b> , 14, 3691-3697	0
126	AGN STORM 2. III. A NICER View of the Variable X-Ray Obscurer in Mrk 817. <b>2023</b> , 947, 2	O
125	Distribution and abundance of tetraether lipid cyclization genes in terrestrial hot springs reflect pH.	О
124	Artificial Neural Networks and Regression Modeling for Water Resources Management in the Upper Indus Basin.	O
123	Renormalization of nuclear chiral effective field theory with nonperturbative leading-order interactions. <b>2023</b> , 107,	0
122	Decoding EEG Signals with Visibility Graphs to Predict Varying Levels of Mental Workload. 2023,	O
121	Evolution of collisional neutrino flavor instabilities in spherically symmetric supernova models. <b>2023</b> , 107,	O
120	Mapping Protein Targets of Carnosol, a Molecule Identified in Rosmarinus officinalis: In Silico Docking Studies and Network Pharmacology. <b>2023</b> , 91, 19	O
119	Chemical Modeling of Orion Nebula Cluster Disks: Evidence for Massive, Compact Gas Disks with Interstellar Gas-to-dust Ratios. <b>2023</b> , 947, 7	O
118	Targeted MRM Quantification of Urinary Proteins in Chronic Kidney Disease Caused by Glomerulopathies. <b>2023</b> , 28, 3323	O
117	Noise dynamics of quantum annealers: estimating the effective noise using idle qubits. <b>2023</b> , 8, 035005	O
116	Computational and structural insights into the pre- and post-hydrolysis states of bovine multidrug resistance-associated protein 1.	O

115	Protein language models can capture protein quaternary state.	0
114	Cell division protein FtsK coordinates bacterial chromosome segregation and daughter cell separation in Staphylococcus aureus.	O
113	Circulation of a digital community currency. <b>2023</b> , 13,	O
112	Ligand Effects in Assembly of Cubic and Spherical Nanocrystals: Applications to Packing of Perovskite Nanocubes.	O
111	VisWaterNet: A Python package for visualization of water distribution networks. <b>2023</b> , 8, 5139	О
110	Revealing the Interior Structure of Icy Moons with a Bayesian Approach to Magnetic Induction Measurements. <b>2023</b> , 4, 62	O
109	Static energy in (2+1+1)-flavor lattice QCD: Scale setting and charm effects. 2023, 107,	О
108	CMR Exploration. I. Filament Structure with Synthetic Observations. <b>2023</b> , 265, 58	O
107	Detection of Cosmological 21 cm Emission with the Canadian Hydrogen Intensity Mapping Experiment. <b>2023</b> , 947, 16	Ο
106	CosmoDRAGoN simulations Dynamics and observable signatures of radio jets in cosmological environments. <b>2023</b> , 40,	O
105	Discovery of a 0.64 M ? 13.4 au Companion to the roAp Star HIP 47145 = HR 3831 = IM Vel*. <b>2023</b> , 7, 66	О
104	Axion minivoids and implications for direct detection. <b>2023</b> , 107,	O
103	Extracting relevant predictive variables for COVID-19 severity prognosis: An exhaustive comparison of feature selection techniques. <b>2023</b> , 18, e0284150	О
102	Locating Operational Events of the Cooling Tower of a Nuclear Reactor with a Very Local Seismic Network.	O
101	Discovery of a 0.58M ?, 0.9 au Companion to HIP 42313 = [Hya*. <b>2023</b> , 7, 65	О
100	Every individual makes a difference: A trinity derived from linking individual brain morphometry, connectivity and mentalising ability.	O
99	Spectral Classification of Large-Scale Blended (Micro)Plastics Using FT-IR Raw Spectra and Image-Based Machine Learning.	0
98	Desensitization dynamics of the AMPA receptor. <b>2023</b> ,	О

97	TIC 219006972: a compact, coplanar quadruple star system consisting of two eclipsing binaries with an outer period of 168′d. <b>2023</b> , 522, 90-101	О
96	Stress testing IDM with high-redshift galaxy candidates.	О
95	A systematic survey of millimetre-wavelength flaring variability of young stellar objects in the Orion Nebula Cluster. <b>2023</b> , 522, 56-69	0
94	Neoadjuvant immune checkpoint blockade triggers persistent and systemic Treg activation which blunts therapeutic efficacy against metastatic spread of breast tumors. <b>2023</b> , 12,	O
93	SARS-CoV-2 BW lineage, a fast-growing Omicron variant from southeast Mexico bearing relevant escape mutations.	O
92	Saying Hallo to M94's Stellar Halo: Investigating the Accretion History of the Largest Pseudobulge Host in the Local Universe. <b>2023</b> , 947, 21	О
91	Unveiling the nature of infrared bright, optically dark galaxies with early JWST data. 2023, 522, 449-456	О
90	A broad survey of spectro-temporal properties from FRB 20121102A.	Ο
89	A deep learning-based system trained for gastrointestinal stromal tumor screening can identify multiple types of soft tissue tumors. <b>2023</b> ,	0
88	Spatially-resolved chemodynamics of the starburst dwarf galaxy CGCG 007-025: Evidence for recent accretion of metal-poor gas.	Ο
87	MALDI IMS-Derived Molecular Contour Maps: Augmenting Histology Whole-Slide Images.	0
86	Calibrating X-Ray Binary Luminosity Functions via Optical Reconnaissance. II. The High-mass XLF and Globular Cluster Population of X-Ray Binaries in the Low Star-forming Spiral M81. <b>2023</b> , 947, 31	O
85	The nature of dynamic local order in CH3NH3PbI3 and CH3NH3PbBr3. 2023,	О
84	Computational insights into ligandInduced G protein and Earrestin signaling of the dopamine D1 receptor.	О
83	Methods and considerations for estimating parameters in biophysically detailed neural models with simulation based inference.	0
82	Bioinformatic identification of ClpI, a distinct class of Clp unfoldases in Actinomycetota. 14,	O
81	Multi-scale electro-thermo-mechanical simulation of a SiC MOSFET transitor during short-circuit. <b>2023</b> ,	0
80	The Influence of Disk Composition on the Evolution of Stars in the Disks of Active Galactic Nuclei. <b>2023</b> , 946, 56	О

79	Proteomics and machine learning identify a distinct biomarker panel to detect prodromal and early Parkinson disease.	O
78	The magnetic field and stellar wind of the mature late-F star (Draconis A. <b>2023</b> , 522, 792-810	О
77	SolvationAnalysis: A Python toolkit for understanding liquid solvation structure in classical molecular dynamics simulations. <b>2023</b> , 8, 5183	0
76	Linear and Neural Network Models for Predicting N-glycosylation in Chinese Hamster Ovary Cells Based on B4GALT Levels.	O
75	Human visual cortex and deep convolutional neural network care deeply about object background.	O
74	Emergent regulation of ant foraging frequency through a computationally inexpensive forager movement rule. 12,	O
73	A Blockchain Application on Bootstrapping Mobile Nodes within VANET. 2023,	O
72	Accounting for endogenous effects in decision-making with a non-linear diffusion decision model. <b>2023</b> , 13,	O
71	A LAMOST Spectroscopic Study of T Tauri Stars in the Orion OB1a Subassociation. 2023, 165, 205	O
70	Flares, Jets, and Quasiperiodic Outbursts from Neutron Star Merger Remnants. <b>2023</b> , 947, L15	O
69	Overview of the DESI Milky Way Survey. <b>2023</b> , 947, 37	1
68	Computational Characterization of the Inhibition Mechanism of Xanthine Oxidoreductase by Topiroxostat. 6023-6043	O
67	Selectivity filter mutations shift ion permeation mechanism in potassium channels.	O
66	Folding kinetics of an entangled protein.	O
65	Effects of fine grinding on mid-infrared spectroscopic analysis of plant leaf nutrient content. <b>2023</b> , 13,	O
64	Qiskit Experiments: A Python package to characterize and calibrate quantum computers. <b>2023</b> , 8, 5329	O
63	Meta-analysis of expression and the targeting of cell adhesion associated genes in nine cancer types <b>(b)</b> one research lab re-evaluation. <b>2023</b> ,	О
62	X-Ray-luminous Supernovae: Threats to Terrestrial Biospheres. <b>2023</b> , 947, 42	O

61	Morphological analysis of the polarized synchrotron emission with WMAP and Planck. 2023, 2023, 049	О
60	Modelling and simulation of lac-operon gene expression using heterogeneous parallel platforms.	Ο
59	A Speckle Search for the Outer Companion of KIC 9832227. <b>2023</b> , 7, 75	0
58	Behavioral assessment of Zwicker tone percepts in gerbils. <b>2023</b> ,	O
57	SPT-CL J2215B537: A Massive Starburst at the Center of the Most Distant Relaxed Galaxy Cluster. <b>2023</b> , 947, 44	0
56	Dark photon dark matter from an oscillating dilaton. <b>2023</b> , 107,	O
55	Latent generative landscapes as maps of functional diversity in protein sequence space. 2023, 14,	0
54	N-terminal region of Drosophila melanogaster Argonaute2 forms amyloid-like aggregates. <b>2023</b> , 21,	O
53	Distinct and joint effects of low and high levels of Aland tau deposition on cortical thickness. <b>2023</b> , 103409	0
52	Predicting light curves of RR Lyrae variables using artificial neural network based interpolation of a grid of pulsation models. <b>2023</b> , 522, 1504-1520	O
51	DQPB: software for calculating disequilibrium UPb ages. <b>2023</b> , 5, 181-196	0
50	Machine Learning Approach for Event Position Reconstruction in the DEAP-3600 Dark Matter Search Experiment. <b>2023</b> , 5, 483-491	O
49	Causalvis: Visualizations for Causal Inference. 2023,	0
48	Sensitivity of stratospheric ozone to the latitude, season, and halogen content of a contemporary explosive volcanic eruption. <b>2023</b> , 13,	O
47	Theoretical study of the competition between folding and contact interactions on the properties of polymers using self-avoid random walk algorithm.	0
46	Notable: On-the-fly Assistant for Data Storytelling in Computational Notebooks. <b>2023</b> ,	O
45	Statistical analysis and data visualization of Indonesia and Malaysia SARS Cov-2 metadata. 2023,	О
44	The Possibility of Modeling the Very High Energy Afterglow of GRB 221009A in a Wind Environment. <b>2023</b> , 947, 53	0

43	A classification approach to improve out of sample predictability of structure-based constitutive models for ascending thoracic aortic tissue.	0
42	Surface Rearrangement and Sublimation Kinetics of Supported Gold Nanoparticle Catalysts.	O
41	pynucastro: A Python Library for Nuclear Astrophysics. <b>2023</b> , 947, 65	О
40	A Novel Price Prediction Service for E-Commerce Categorical Data. <b>2023</b> , 11, 1938	O
39	An Instrument Assembly and Data Science Lab for Early Undergraduate Education.	0
38	Target-of-Opportunity Observation Detectability of Kilonovae with WFST. <b>2023</b> , 947, 59	Ο
37	Mechanism of interdigitation formation at apical boundary of MDCK cell. 2023, 106594	Ο
36	Spatio-temporal non-localities in a solar-like mean-field dynamo.	Ο
35	Planet Eclipse Mapping with Long-term Baseline Drifts. <b>2023</b> , 165, 210	О
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25	Evaluation of Station Timing Errors from Demeaned Arrival Time Delays.	0
24	Neural Importance Sampling for Rapid and Reliable Gravitational-Wave Inference. <b>2023</b> , 130,	O
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6	Investigation of Site Amplification and Attenuation Effects in the Changjiang Delta.	O
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