

# Christoph C Steinbeck

## List of Publications by Year in descending order

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152  
papers

11,228  
citations

36203

51  
h-index

33814

99  
g-index

188  
all docs

188  
docs citations

188  
times ranked

14938  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The Chemistry Development Kit (CDK): An Open-Source Java Library for Chemo- and Bioinformatics. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 493-500.                           | 2.8  | 904       |
| 2  | ClassyFire: automated chemical classification with a comprehensive, computable taxonomy. <i>Journal of Cheminformatics</i> , 2016, 8, 61.   | 2.8  | 779       |
| 3  | ChEBI in 2016: Improved services and an expanding collection of metabolites. <i>Nucleic Acids Research</i> , 2016, 44, D1214-D1219.   | 6.5  | 752       |
| 4  | MetaboLights an open-access general-purpose repository for metabolomics studies and associated meta-data. <i>Nucleic Acids Research</i> , 2013, 41, D781-D786.  | 6.5  | 578       |
| 5  | The ChEBI reference database and ontology for biologically relevant chemistry: enhancements for 2013. <i>Nucleic Acids Research</i> , 2012, 41, D456-D463.  | 6.5  | 508       |
| 6  | Recent Developments of the Chemistry Development Kit (CDK) - An Open-Source Java Library for Chemo- and Bioinformatics. <i>Current Pharmaceutical Design</i> , 2006, 12, 2111-2120.                         | 0.9  | 418       |
| 7  | The Blue Obelisk Interoperability in Chemical Informatics. <i>Journal of Chemical Information and Modeling</i> , 2006, 46, 991-998.   | 2.5  | 366       |
| 8  | Toward interoperable bioscience data. <i>Nature Genetics</i> , 2012, 44, 121-126.   | 9.4  | 362       |
| 9  | The role of reporting standards for metabolite annotation and identification in metabolomic studies. <i>GigaScience</i> , 2013, 2, 13.  | 3.3  | 333       |
| 10 | The Chemistry Development Kit (CDK) v2.0: atom typing, depiction, molecular formulas, and substructure searching. <i>Journal of Cheminformatics</i> , 2017, 9, 33.  | 2.8  | 275       |
| 11 | Chemical Entities of Biological Interest: an update. <i>Nucleic Acids Research</i> , 2010, 38, D249-D254.   | 6.5  | 248       |
| 12 | Review on natural products databases: where to find data in 2020. <i>Journal of Cheminformatics</i> , 2020, 12, 20.   | 2.8  | 243       |
| 13 | COCONUT online: Collection of Open Natural Products database. <i>Journal of Cheminformatics</i> , 2021, 13, 2.  | 2.8  | 223       |
| 14 | Navigating freely-available software tools for metabolomics analysis. <i>Metabolomics</i> , 2017, 13, 106.  | 1.4  | 173       |
| 15 | Discovering and linking public omics data sets using the Omics Discovery Index. <i>Nature Biotechnology</i> , 2017, 35, 406-409.  | 9.4  | 159       |
| 16 | MetaboLights: An Open Access Database Repository for Metabolomics Data. <i>Current Protocols in Bioinformatics</i> , 2016, 53, 14.13.1-14.13.18.  | 25.8 | 147       |
| 17 | COordination of Standards in MetabOmicS (COSMOS): facilitating integrated metabolomics data access. <i>Metabolomics</i> , 2015, 11, 1587-1597.  | 1.4  | 140       |
| 18 | The mzTab Data Exchange Format: Communicating Mass-spectrometry-based Proteomics and Metabolomics Experimental Results to a Wider Audience. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2765-2775. | 2.5  | 130       |

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|----|--|------|-----------|
| 19 | NMRShiftDB Constructing a Free Chemical Information System with Open-Source Components. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 1733-1739.                      | 2.8  | 127       |
| 20 | Recommendations and Standardization of Biomarker Quantification Using NMR-Based Metabolomics with Particular Focus on Urinary Analysis. <i>Journal of Proteome Research</i> , 2016, 15, 360-373. | 1.8  | 122       |
| 21 | KNIME-CDK: Workflow-driven cheminformatics. <i>BMC Bioinformatics</i> , 2013, 14, 257.   | 1.2  | 119       |
| 22 | NMRShiftDB " compound identification and structure elucidation support through a free community-built web database. <i>Phytochemistry</i> , 2004, 65, 2711-2717.                                 | 1.4  | 113       |
| 23 | Bioclipse: an open source workbench for chemo- and bioinformatics. <i>BMC Bioinformatics</i> , 2007, 8, 59.  | 1.2  | 111       |
| 24 | Current Challenges in Plant Eco-Metabolomics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1385.   | 1.8  | 106       |
| 25 | Building blocks for automated elucidation of metabolites: Machine learning methods for NMR prediction. <i>BMC Bioinformatics</i> , 2008, 9, 400.   | 1.2  | 97        |
| 26 | Data standards can boost metabolomics research, and if there is a will, there is a way. <i>Metabolomics</i> , 2016, 12, 14.  | 1.4  | 97        |
| 27 | Automated structure prediction of trans-acyltransferase polyketide synthase products. <i>Nature Chemical Biology</i> , 2019, 15, 813-821.  | 3.9  | 94        |
| 28 | The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.                 | 5.2  | 92        |
| 29 | The LOTUS initiative for open knowledge management in natural products research. <i>ELife</i> , 0, 11, .   | 2.8  | 90        |
| 30 | Recent developments in automated structure elucidation of natural products. <i>Natural Product Reports</i> , 2004, 21, 512.  | 5.2  | 86        |
| 31 | Genome-Wide Association Study of Metabolic Traits Reveals Novel Gene-Metabolite-Disease Links. <i>PLoS Genetics</i> , 2014, 10, e1004132.  | 1.5  | 86        |
| 32 | The Chemical Information Ontology: Provenance and Disambiguation for Chemical Data on the Biological Semantic Web. <i>PLoS ONE</i> , 2011, 6, e25513.  | 1.1  | 86        |
| 33 | Rhea "a manually curated resource of biochemical reactions. <i>Nucleic Acids Research</i> , 2012, 40, D754-D760.   | 6.5  | 84        |
| 34 | Minimum information about a bioactive entity (MIABE). <i>Nature Reviews Drug Discovery</i> , 2011, 10, 661-669.  | 21.5 | 80        |
| 35 | MetaboLights: towards a new COSMOS of metabolomics data management. <i>Metabolomics</i> , 2012, 8, 757-760.  | 1.4  | 79        |
| 36 | Reaction Decoder Tool (RDT): extracting features from chemical reactions. <i>Bioinformatics</i> , 2016, 32, 2065-2066.   | 1.8  | 73        |

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|----|--|-----|-----------|
| 37 | JChemPaint - Using the Collaborative Forces of the Internet to Develop a Free Editor for 2D Chemical Structures. <i>Molecules</i> , 2000, 5, 93-98.  | 1.7 | 70        |
| 38 | A decade after the metabolomics standards initiative it's time for a revision. <i>Scientific Data</i> , 2017, 4, 170138.   | 2.4 | 70        |
| 39 | LipidHome: A Database of Theoretical Lipids Optimized for High Throughput Mass Spectrometry Lipidomics. <i>PLoS ONE</i> , 2013, 8, e61951.   | 1.1 | 69        |
| 40 | Computational tools and workflows in metabolomics: An international survey highlights the opportunity for harmonisation through Galaxy. <i>Metabolomics</i> , 2017, 13, 12.  | 1.4 | 69        |
| 41 | Standards for Reporting Enzyme Data: The STREND Consortium: What it aims to do and why it should be helpful. <i>Perspectives in Science</i> , 2014, 1, 131-137.  | 0.6 | 65        |
| 42 | SENECA: A Platform-Independent, Distributed, and Parallel System for Computer-Assisted Structure Elucidation in Organic Chemistry. <i>Journal of Chemical Information and Computer Sciences</i> , 2001, 41, 1500-1507. | 2.8 | 63        |
| 43 | Open Data, Open Source and Open Standards in chemistry: The Blue Obelisk five years on. <i>Journal of Cheminformatics</i> , 2011, 3, 37.   | 2.8 | 63        |
| 44 | Natural product-likeness score revisited: an open-source, open-data implementation. <i>BMC Bioinformatics</i> , 2012, 13, 106.   | 1.2 | 63        |
| 45 | eNanoMapper: harnessing ontologies to enable data integration for nanomaterial risk assessment. <i>Journal of Biomedical Semantics</i> , 2015, 6, 10.  | 0.9 | 63        |
| 46 | The Time Is Right to Focus on Model Organism Metabolomes. <i>Metabolites</i> , 2016, 6, 8.   | 1.3 | 63        |
| 47 | SPLASH, a hashed identifier for mass spectra. <i>Nature Biotechnology</i> , 2016, 34, 1099-1101.   | 9.4 | 61        |
| 48 | Compliance with minimum information guidelines in public metabolomics repositories. <i>Scientific Data</i> , 2017, 4, 170137.  | 2.4 | 61        |
| 49 | NMReDATA, a standard to report the NMR assignment and parameters of organic compounds. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 703-715.   | 1.1 | 61        |
| 50 | PhenoMeNal: processing and analysis of metabolomics data in the cloud. <i>GigaScience</i> , 2019, 8, .   | 3.3 | 60        |
| 51 | CDK-Taverna: an open workflow environment for cheminformatics. <i>BMC Bioinformatics</i> , 2010, 11, 159.  | 1.2 | 54        |
| 52 | Bioclipse 2: A scriptable integration platform for the life sciences. <i>BMC Bioinformatics</i> , 2009, 10, 397.   | 1.2 | 52        |
| 53 | Bioinformatics Meets User-Centred Design: A Perspective. <i>PLoS Computational Biology</i> , 2012, 8, e1002554.  | 1.5 | 50        |
| 54 | nmrML: A Community Supported Open Data Standard for the Description, Storage, and Exchange of NMR Data. <i>Analytical Chemistry</i> , 2018, 90, 649-656.   | 3.2 | 50        |

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|----|--|-----|-----------|
| 55 | The MetaboLights repository: curation challenges in metabolomics. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat029.                                      | 1.4 | 46        |
| 56 | Metabolomics: The Stethoscope for the Twenty-First Century. Medical Principles and Practice, 2021, 30, 301-310.  | 1.1 | 46        |
| 57 | Dovetailing biology and chemistry: integrating the Gene Ontology with the ChEBI chemical ontology. BMC Genomics, 2013, 14, 513.  | 1.2 | 45        |
| 58 | Alkaloids from <i>Dactylicapnos torulosa</i> . Phytochemistry, 1995, 40, 299-305.  | 1.4 | 44        |
| 59 | Updates in Rhea—a manually curated resource of biochemical reactions. Nucleic Acids Research, 2015, 43, D459-D464.   | 6.5 | 41        |
| 60 | DECIMER: towards deep learning for chemical image recognition. Journal of Cheminformatics, 2020, 12, 65.   | 2.8 | 41        |
| 61 | Structure-based classification and ontology in chemistry. Journal of Cheminformatics, 2012, 4, 8.  | 2.8 | 40        |
| 62 | Spectrometrically monitored selection experiments: quantitative laser desorption mass spectrometry of small chemical libraries. Chemistry and Biology, 1997, 4, 63-77.                 | 6.2 | 39        |
| 63 | Global open data management in metabolomics. Current Opinion in Chemical Biology, 2017, 36, 58-63.   | 2.8 | 39        |
| 64 | Synthesis of Carba-Porphyrinoids from Tripyrranes and Unsaturated Dialdehydes. Synthesis, 1996, 1996, 336-340.   | 1.2 | 35        |
| 65 | BiNChE: A web tool and library for chemical enrichment analysis based on the ChEBI ontology. BMC Bioinformatics, 2015, 16, 56.   | 1.2 | 35        |
| 66 | A review of optical chemical structure recognition tools. Journal of Cheminformatics, 2020, 12, 60.  | 2.8 | 35        |
| 67 | Further isoflavonoid metabolites from <i>Millettia griffoniana</i> (Bail). Phytochemistry, 2001, 56, 363-368.  | 1.4 | 31        |
| 68 | Performance Validation of Neural Network Based <sup>13</sup> C NMR Prediction Using a Publicly Available Data Source. Journal of Chemical Information and Modeling, 2008, 48, 550-555. | 2.5 | 29        |
| 69 | DECIMER 1.0: deep learning for chemical image recognition using transformers. Journal of Cheminformatics, 2021, 13, 61.  | 2.8 | 29        |
| 70 | Geminal Bismethylation Prevents Polyketide Oxidation and Dimerization in the Benastatin Pathway. Angewandte Chemie - International Edition, 2007, 46, 7035-7038.                       | 7.2 | 28        |
| 71 | Dissemination of metabolomics results: role of MetaboLights and COSMOS. GigaScience, 2013, 2, 8.   | 3.3 | 28        |
| 72 | NaPLES: a natural products likeness scorer—a web application and database. Journal of Cheminformatics, 2019, 11, 55.   | 2.8 | 28        |

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|----|---|-----|-----------|
| 73 | LUCY – A Program for Structure Elucidation from NMR Correlation Experiments. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1984-1986.   | 4.4 | 26        |
| 74 | The Role of Ionic Backbones in RNA Structure: An Unusually Stable Non-Watson-Crick Duplex of a Nonionic Analog in an Apolar Medium. <i>Journal of the American Chemical Society</i> , 1998, 120, 11576-11580. | 6.6 | 26        |
| 75 | A Database for Chemical Proteomics: ChEBI. <i>Methods in Molecular Biology</i> , 2012, 803, 273-296.  | 0.4 | 26        |
| 76 | Chemical Markup, XML, and the World Wide Web. 7. CMLspect, an XML Vocabulary for Spectral Data. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 2015-2034.                                    | 2.5 | 25        |
| 77 | Efficient ring perception for the Chemistry Development Kit. <i>Journal of Cheminformatics</i> , 2014, 6, 3.  | 2.8 | 25        |
| 78 | STOUT: SMILES to IUPAC names using neural machine translation. <i>Journal of Cheminformatics</i> , 2021, 13, 34.  | 2.8 | 25        |
| 79 | NFDI4Chem - Towards a National Research Data Infrastructure for Chemistry in Germany. <i>Research Ideas and Outcomes</i> , 0, 6, .  | 1.0 | 25        |
| 80 | New developments on the cheminformatics open workflow environment CDK-Taverna. <i>Journal of Cheminformatics</i> , 2011, 3, 54.   | 2.8 | 23        |
| 81 | ChEBI: a chemistry ontology and database. <i>Journal of Cheminformatics</i> , 2010, 2, .  | 2.8 | 22        |
| 82 | A large-scale protein-function database. <i>Nature Chemical Biology</i> , 2010, 6, 785-785.   | 3.9 | 22        |
| 83 | Interoperable and scalable data analysis with microservices: applications in metabolomics. <i>Bioinformatics</i> , 2019, 35, 3752-3760.   | 1.8 | 22        |
| 84 | Identification of Two Chromenes from <i>Calea serrata</i> by Semiautomatic Structure Elucidation. <i>Journal of Natural Products</i> , 1997, 60, 627-628.   | 1.5 | 21        |
| 85 | Classification and comparison of ligand-binding sites derived from grid-mapped knowledge-based potentials. <i>Journal of Molecular Graphics and Modelling</i> , 2006, 24, 328-340.                            | 1.3 | 21        |
| 86 | Evolutionary-Algorithm-Based Strategy for Computer-Assisted Structure Elucidation. <i>Journal of Chemical Information and Computer Sciences</i> , 2004, 44, 489-498.  | 2.8 | 20        |
| 87 | Self-organizing ontology of biochemically relevant small molecules. <i>BMC Bioinformatics</i> , 2012, 13, 3.  | 1.2 | 20        |
| 88 | Building blocks for automated elucidation of metabolites: natural product-likeness for candidate ranking. <i>BMC Bioinformatics</i> , 2014, 15, 234.  | 1.2 | 20        |
| 89 | Solution Structure of the Aminoacyl-Capped Oligodeoxyribonucleotide Duplex (W-TGCCAC) <sub>2</sub> . <i>Biochemistry</i> , 1999, 38, 12597-12606.   | 1.2 | 19        |
| 90 | So what have data standards ever done for us? The view from metabolomics. <i>Genome Medicine</i> , 2010, 2, 38.   | 3.6 | 19        |

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|-----|---|-----|-----------|
| 91  | The EBI enzyme portal. <i>Nucleic Acids Research</i> , 2013, 41, D773-D780.   | 6.5 | 19        |
| 92  | libChEBI: an API for accessing the ChEBI database. <i>Journal of Cheminformatics</i> , 2016, 8, 11.   | 2.8 | 19        |
| 93  | NFDI4Chem: Shaping a Digital and Cultural Change in Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10766-10768.  | 7.2 | 19        |
| 94  | Too sweet: cheminformatics for deglycosylation in natural products. <i>Journal of Cheminformatics</i> , 2020, 12, 67.   | 2.8 | 19        |
| 95  | ISA API: An open platform for interoperable life science experimental metadata. <i>GigaScience</i> , 2021, 10, .  | 3.3 | 19        |
| 96  | The future of metabolomics in ELIXIR. <i>F1000Research</i> , 2017, 6, 1649.   | 0.8 | 19        |
| 97  | OrChem - An open source chemistry search engine for Oracle®. <i>Journal of Cheminformatics</i> , 2009, 1, 17.   | 2.8 | 18        |
| 98  | A lost opportunity for science: journals promote data sharing in metabolomics but do not enforce it. <i>Metabolomics</i> , 2018, 14, 16.  | 1.4 | 17        |
| 99  | A Metadata description of the data in "A metabolomic comparison of urinary changes in type 2 diabetes in mouse, rat, and human.". <i>BMC Research Notes</i> , 2011, 4, 272.                   | 0.6 | 16        |
| 100 | The Enzyme Portal: a case study in applying user-centred design methods in bioinformatics. <i>BMC Bioinformatics</i> , 2013, 14, 103.   | 1.2 | 16        |
| 101 | MASPA Program Predicting Mass Spectra of Combinatorial Libraries. <i>Journal of Chemical Information and Computer Sciences</i> , 1997, 37, 449-457.   | 2.8 | 15        |
| 102 | Expanding the Rubterolone Family: Intrinsic Reactivity and Directed Diversification of PKS-derived Pyrans. <i>Chemistry - A European Journal</i> , 2018, 24, 11319-11324.                     | 1.7 | 15        |
| 103 | Userscripts for the Life Sciences. <i>BMC Bioinformatics</i> , 2007, 8, 487.  | 1.2 | 14        |
| 104 | <i>In vivo</i> and <i>in vitro</i> identification of Z-BOX C – a new bilirubin oxidation end product. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3553-3555.                        | 1.5 | 14        |
| 105 | Gene Cluster Activation in a Bacterial Symbiont Leads to Halogenated Angucyclic Maduralactomycins and Spirocyclic Actinospirols. <i>Organic Letters</i> , 2020, 22, 2634-2638.                | 2.4 | 14        |
| 106 | MassCascade: Visual Programming for LC-MS Data Processing in Metabolomics. <i>Molecular Informatics</i> , 2014, 33, 307-310.  | 1.4 | 12        |
| 107 | The Potential Utility of Predicted One Bond Carbon-Proton Coupling Constants in the Structure Elucidation of Small Organic Molecules by NMR Spectroscopy. <i>PLoS ONE</i> , 2014, 9, e111576. | 1.1 | 12        |
| 108 | Metabolic differences in ripening of <i>Solanum lycopersicum</i> – Ailsa Craig™ and three monogenic mutants. <i>Scientific Data</i> , 2014, 1, 140029.  | 2.4 | 12        |

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|-----|---|-----|-----------|
| 109 | mzML2ISA & nmrML2ISA: generating enriched ISA-Tab metadata files from metabolomics XML data. <i>Bioinformatics</i> , 2017, 33, 2598-2600.                                   | 1.8 | 12        |
| 110 | A 4-methyl-7-hydroxyphthalide glycoside and other constituents from <i>Quillaja saponaria molina</i> . <i>Phytochemistry</i> , 1995, 40, 1313-1315.                         | 1.4 | 11        |
| 111 | Alkaloids from <i>Thalictrum przewalskii</i> . <i>Planta Medica</i> , 1998, 64, 165-171.  | 0.7 | 11        |
| 112 | Ten recommendations for software engineering in research. <i>GigaScience</i> , 2014, 3, 31.   | 3.3 | 11        |
| 113 | The future of metabolomics in ELIXIR. <i>F1000Research</i> , 2017, 6, 1649.   | 0.8 | 11        |
| 114 | SpeckTackle: JavaScript charts for spectroscopy. <i>Journal of Cheminformatics</i> , 2015, 7, 17.   | 2.8 | 10        |
| 115 | Surge: a fast open-source chemical graph generator. <i>Journal of Cheminformatics</i> , 2022, 14, 24.   | 2.8 | 10        |
| 116 | The Chemistry Development Kit (CDK): An Open-Source Java Library for Chemo- and Bioinformatics.. <i>ChemInform</i> , 2003, 34, no.  | 0.1 | 9         |
| 117 | A molecular fragment cheminformatics roadmap for mesoscopic simulation. <i>Journal of Cheminformatics</i> , 2014, 6, 45.  | 2.8 | 9         |
| 118 | Automated assembly of species metabolomes through data submission into a public repository. <i>GigaScience</i> , 2017, 6, 1-4.  | 3.3 | 9         |
| 119 | ErtlFunctionalGroupsFinder: automated rule-based functional group detection with the Chemistry Development Kit (CDK). <i>Journal of Cheminformatics</i> , 2019, 11, 37.     | 2.8 | 9         |
| 120 | DECIMER-Segmentation: Automated extraction of chemical structure depictions from scientific literature. <i>Journal of Cheminformatics</i> , 2021, 13, 20.                   | 2.8 | 8         |
| 121 | OntoQuery: easy-to-use web-based OWL querying. <i>Bioinformatics</i> , 2013, 29, 2955-2957.   | 1.8 | 7         |
| 122 | Metingear: a development environment for annotating genome-scale metabolic models. <i>Bioinformatics</i> , 2013, 29, 2213-2215.   | 1.8 | 7         |
| 123 | NFDI4Chem: Digitalen und kulturellen Wandel in der Chemie gestalten. <i>Angewandte Chemie</i> , 2019, 131, 10880-10882.   | 1.6 | 7         |
| 124 | MAYGEN: an open-source chemical structure generator for constitutional isomers based on the orderly generation principle. <i>Journal of Cheminformatics</i> , 2021, 13, 48. | 2.8 | 7         |
| 125 | DECIMER's hand-drawn molecule images dataset. <i>Journal of Cheminformatics</i> , 2022, 14, .   | 2.8 | 7         |
| 126 | In support of the BMRB. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 854-860.   | 3.6 | 6         |



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|-----|--|-----|-----------|
| 127 | Performance of chemical structure string representations for chemical image recognition using transformers. , 2022, 1, 84-90.                        |     | 6         |
| 128 | From Databases to Big Data. , 2016, , 317-331.   |     | 5         |
| 129 | Towards automatic classification within the ChEBI ontology. Nature Precedings, 2009, , .   | 0.1 | 4         |
| 130 | Description and Analysis of Glycosidic Residues in the Largest Open Natural Products Database. Biomolecules, 2021, 11, 486.                          | 1.8 | 4         |
| 131 | Chemical graph generators. PLoS Computational Biology, 2021, 17, e1008504.   | 1.5 | 4         |
| 132 | A Catalog of Natural Products Occurring in Watermelonâ€”Citrullus lanatus. Frontiers in Nutrition, 2021, 8, 729822.                                  | 1.6 | 4         |
| 133 | RanDepict: Random chemical structure depiction generator. Journal of Cheminformatics, 2022, 14, .  | 2.8 | 3         |
| 134 | OrChem: an open source chemistry search engine for Oracle. Journal of Cheminformatics, 2010, 2, .  | 2.8 | 2         |
| 135 | Progress on an open source computer-assisted structure elucidation suite (SENECA). Journal of Cheminformatics, 2010, 2, .                            | 2.8 | 2         |
| 136 | Eine offene NMRâ€”Datenbank. Nachrichten Aus Der Chemie, 2005, 53, 1039-1041.  | 0.0 | 1         |
| 137 | Computational metabolomics â€” a field at the boundaries of cheminformatics and bioinformatics. Journal of Cheminformatics, 2011, 3, .               | 2.8 | 1         |
| 138 | Molecule Set Comparator (MSC): a CDK-based open richâ€”client tool for molecule set similarity evaluations. Journal of Cheminformatics, 2021, 13, 5. | 2.8 | 1         |
| 139 | Accessing and Using Chemical Property Databases. Methods in Molecular Biology, 2012, 929, 193-219.   | 0.4 | 1         |
| 140 | Draft genome assembly and sequencing dataset of the marine diatom Skeletonema cf. costatum RCC75. Data in Brief, 2022, 41, 107931.                   | 0.5 | 1         |
| 141 | Evolutionary-Algorithm-Based Strategy for Computer-Assisted Structure Elucidation.. ChemInform, 2004, 35, no.  | 0.1 | 0         |
| 142 | Recent Developments in Automated Structure Elucidation of Natural Products. ChemInform, 2004, 35, no.  | 0.1 | 0         |
| 143 | Creating chemo- & bioinformatics workflows, further developments within the CDK-Taverna Project. Chemistry Central Journal, 2008, 2, .               | 2.6 | 0         |
| 144 | ChEBI â€” an Open-access Chemistry Resource for the Life Sciences:*Facilities for On-line Submission and Curation. Nature Precedings, 2010, , .      | 0.1 | 0         |

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|-----|--|------|-----------|
| 145 | Shouldn't enantiomeric purity be included in the 'minimum information about a bioactive entity? Response from the MIABE group. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 730-730. | 21.5 | 0         |
| 146 | Structured chemical class definitions and automated matching for chemical ontology evolution. <i>Journal of Cheminformatics</i> , 2012, 4, .   | 2.8  | 0         |
| 147 | Expanding natural product chemistry resources at the EBI. <i>Journal of Cheminformatics</i> , 2013, 5, .   | 2.8  | 0         |
| 148 | Ontologies in Chemoinformatics. , 2017, , 2163-2181.   |      | 0         |
| 149 | Frontispiece: Expanding the Rubterolone Family: Intrinsic Reactivity and Directed Diversification of PKS-derived Pyrans. <i>Chemistry - A European Journal</i> , 2018, 24, .             | 1.7  | 0         |
| 150 | Meet the Editors-in-Chief. <i>Analytical Science Advances</i> , 2020, 1, 4.  | 1.2  | 0         |
| 151 | Ontologies in Cheminformatics. , 2016, , 1-19.   |      | 0         |
| 152 | Notes on the Treatment of Charged Particles for Studying Cyclotide/Membrane Interactions with Dissipative Particle Dynamics. <i>Membranes</i> , 2022, 12, 619.                           | 1.4  | 0         |