

Kim Henrick

List of Publications by Year in descending order

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39
papers

14,279
citations

236612

25
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315357

38
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42
all docs

42
docs citations

42
times ranked

22649
citing authors

#	ARTICLE	IF	CITATIONS
1	Inference of Macromolecular Assemblies from Crystalline State. <i>Journal of Molecular Biology</i> , 2007, 372, 774-797.	2.0	8,484
2	Announcing the worldwide Protein Data Bank. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 980-980.	3.6	2,355
3	The worldwide Protein Data Bank (wwPDB): ensuring a single, uniform archive of PDB data. <i>Nucleic Acids Research</i> , 2007, 35, D301-D303.	6.5	992
4	EMDataBank.org: unified data resource for CryoEM. <i>Nucleic Acids Research</i> , 2011, 39, D456-D464.	6.5	246
5	Discriminating between homodimeric and monomeric proteins in the crystalline state. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 41, 47-57.	1.5	217
6	PDBML: the representation of archival macromolecular structure data in XML. <i>Bioinformatics</i> , 2005, 21, 988-992.	1.8	154
7	Remediation of the protein data bank archive. <i>Nucleic Acids Research</i> , 2007, 36, D426-D433.	6.5	136
8	Detection of Protein Assemblies in Crystals. <i>Lecture Notes in Computer Science</i> , 2005, , 163-174.	1.0	133
9	New electron microscopy database and deposition system. <i>Trends in Biochemical Sciences</i> , 2002, 27, 589.	3.7	131
10	MSDmotif: exploring protein sites and motifs. <i>BMC Bioinformatics</i> , 2008, 9, 312.	1.2	119
11	BioMagResBank (BMRB) as a partner in the Worldwide Protein Data Bank (wwPDB): new policies affecting biomolecular NMR depositions. <i>Journal of Biomolecular NMR</i> , 2008, 40, 153-155.	1.6	117
12	EUROCarbDB: An open-access platform for glycoinformatics. <i>Glycobiology</i> , 2011, 21, 493-502.	1.3	116
13	Data Deposition and Annotation at the Worldwide Protein Data Bank. <i>Molecular Biotechnology</i> , 2009, 42, 1-13.	1.3	113
14	MSDsite: A database search and retrieval system for the analysis and viewing of bound ligands and active sites. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 190-199.	1.5	98
15	Common subgraph isomorphism detection by backtracking search. <i>Software - Practice and Experience</i> , 2004, 34, 591-607.	2.5	78
16	Outcome of a Workshop on Archiving Structural Models of Biological Macromolecules. <i>Structure</i> , 2006, 14, 1211-1217.	1.6	60
17	Crystal Structure of a Supramolecular Dimer Formed by π - π Interactions between Two Interlocked Cyclic Zinc Porphyrin Trimers. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 429-431.	4.4	59
18	Specification of the bonding cavities available in metal-binding sites: a comparative study of a series of quadridentate macrocyclic ligands. <i>Journal of the American Chemical Society</i> , 1984, 106, 1641-1645.	6.6	52

#	ARTICLE	IF	CITATIONS
19	Studies of macrocyclic ligand hole sizes. 2. X-ray structures of the nickel chloride complexes of analogous 15-membered macrocycles containing O ₂ N ₂ -, N ₄ -, and S ₂ N ₂ -donor sets. <i>Inorganic Chemistry</i> , 1982, 21, 3923-3927.	1.9	50
20	The Specification of Bonding Cavities in Macrocyclic Ligands. <i>Progress in Inorganic Chemistry</i> , 0, , 1-58.	3.0	45
21	The synthesis and X-ray structure analysis of dichloro {1,3-bis(diphenylphosphino)propane}digold(I). <i>Inorganica Chimica Acta</i> , 1984, 84, L9-L10.	1.2	42
22	Studies of macrocyclic ligand hole sizes. 1. X-ray structures of the nickel bromide complexes of the diimine and reduced forms of a 16-membered macrocyclic ring incorporating O ₂ N ₂ donors. <i>Inorganic Chemistry</i> , 1982, 21, 3261-3264.	1.9	40
23	Chemical Substructure Search in SQL. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 22-27.	2.5	36
24	Representation of viruses in the remediated PDB archive. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 874-882.	2.5	35
25	The synthesis and X-ray structure of trichloro-1,1,1-(diphenylphosphinomethyl)ethanetrigold(I). <i>Inorganica Chimica Acta</i> , 1982, 65, L185-L186.	1.2	31
26	Design of a data model for developing laboratory information management and analysis systems for protein production. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 278-284.	1.5	27
27	Using MSDchem to Search the PDB Ligand Dictionary. , 2006, Chapter 14, Unit14.3.		26
28	Reply to: Building meaningful models of glycoproteins. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 354-355.	3.6	24
29	The Protein Information Management System (PiMS): a generic tool for any structural biology research laboratory. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 249-260.	2.5	18
30	Complexes of rhodium(III) and iridium(III) with the mono-oximes of 1,2-naphthoquinone: X-ray crystal structure of pyridinium trichloro(1,2-naphthoquinone 1-oximato)(pyridine)iridate(III). <i>Polyhedron</i> , 1987, 6, 1509-1512.	1.0	17
31	Complexes of ruthenium(II) with the mono-oximes of 1,2-naphthoquinone: X-ray crystal structure of bis (1,2-naphthoquinone 1-oximato)dipyridine ruthenium(II). <i>Polyhedron</i> , 1989, 8, 103-107.	1.0	17
32	Realism about PDB. <i>Nature Biotechnology</i> , 2007, 25, 845-846.	9.4	17
33	Data Deposition and Annotation at the Worldwide Protein Data Bank. <i>Methods in Molecular Biology</i> , 2008, 426, 81-101.	0.4	17
34	Deposition of Macromolecular Structures. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1998, 54, 1105-1108.	2.5	13
35	Structure of the signal transduction protein TRAP (target of RNAIII-activating protein). <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 744-750.	0.7	11
36	Straightforward and complete deposition of NMR data to the PDB. <i>Journal of Biomolecular NMR</i> , 2010, 48, 85-92.	1.6	7

#	ARTICLE	IF	CITATIONS
37	Reply to: Is one solution good enough?. Nature Structural and Molecular Biology, 2006, 13, 185-185.	3.6	3
38	The Protein Data Bank (PDB) and the Worldwide PDB http://www.wwpdb.org , 2005, , .		2
39	Structural bioinformatics: from protein structure to function. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 165-179.	0.1	0