Bernard D Santarsiero

List of Publications by Year
in descending order

128	6,940	53660 45	64668 79
papers	citations	h-index	g-index

140	140	140	7625
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	.sigma.-Bond metathesis for carbon-hydrogen bonds of hydrocarbons and Sc-R (R = H, alkyl, aryl) bonds of permethylscandocene derivatives. Evidence for noninvolvement of the .pi. system in electrophilic activation of aromatic and vinylic C-H bonds. Journal of the American Chemical Society, 1987, 109, 203-219.	6.6	787
2	Severe acute respiratory syndrome coronavirus papain-like protease: Structure of a viral deubiquitinating enzyme. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5717-5722.	3.3	356
3	Structural Basis for Tumor Pyruvate Kinase M2 Allosteric Regulation and Catalysis,. Biochemistry, 2005, 44, 9417-9429.	1.2	347
4	New Chemical Constituents ofEuphorbiaquinquecostataand Absolute Configuration Assignment by a Convenient Mosher Ester Procedure Carried Out in NMR Tubes. Journal of Natural Products, 2002, 65, 1278-1282.	1.5	208
5	Structural basis of autoregulation of phenylalanine hydroxylase. Nature Structural Biology, 1999, 6, 442-448.	9.7	199
6	Silvestrol and Episilvestrol, Potential Anticancer Rocaglate Derivatives fromAglaia silvestris. Journal of Organic Chemistry, 2004, 69, 3350-3358.	1.7	175
7	Pleiotropic mechanisms facilitated by resveratrol and its metabolites. Biochemical Journal, 2010, 429, 273-282.	1.7	154
8	Highly stabilized copper(III) complexes. Journal of the American Chemical Society, 1987, 109, 2974-2979.	6.6	139
9	New Manzamine Alkaloids with Activity against Infectious and Tropical Parasitic Diseases from an Indonesian Sponge. Journal of Natural Products, 2003, 66, 823-828.	1.5	138
10	Oxo-hydrido and imido-hydrido derivatives of permethyltantalocene. Structures of (.eta.5-C5Me5)2Ta(:O)H and (.eta.5-C5Me5)2Ta(:NC6H5)H: doubly or triply bonded tantalum oxo and imido ligands?. Inorganic Chemistry, 1992, 31, 82-85.	1.9	129
11	Design and Synthesis of Peptidomimetic Severe Acute Respiratory Syndrome Chymotrypsin-like Protease Inhibitors. Journal of Medicinal Chemistry, 2005, 48, 6767-6771.	2.9	114
12	Inhibitor Recognition Specificity of MERS-CoV Papain-like Protease May Differ from That of SARS-CoV. ACS Chemical Biology, 2015, 10, 1456-1465.	1.6	114
13	Rearrangement of bicyclo[2.2.1]heptane ring systems by titanocene alkylidene complexes to bicyclo[3.2.0]heptane enol ethers. Total synthesis of (.+-.)-.DELTA.9(12)-capnellene. Journal of Organic Chemistry, 1990, 55, 843-862.	1.7	109
14	Kinetics and mechanism of the insertion of olefins into niobium- and tantalum-hydride bonds: a study of the competition between steric and electronic effects. Journal of the American Chemical Society, 1988, 110, 3134-3146.	6.6	106
15	Isolation, Structure Elucidation, and Absolute Configuration of 26-Deoxyactein fromCimicifugaracemosaand Clarification of Nomenclature Associated with 27-Deoxyactein. Journal of Natural Products, 2002, 65, 601-605.	1.5	106
16	The interplay between binding energy and catalysis in the evolution of a catalytic antibody. Nature, 1997, 389, 271-275.	13.7	101
17	Isolation and characterization of bioactive principles of the leaves and stems of Physalis philadelphica. Tetrahedron, 2002, 58, 3453-3466.	1.0	101
18	Enantioselective synthesis of .alpha.-amino acid derivatives via the stereoselective alkylation of a homochiral glycine enolate synthon. Journal of Organic Chemistry, 1989, 54, 3916-3926.	1.7	93

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19	New Sesquiterpenes fromLitseaverticillata. Journal of Natural Products, 2003, 66, 609-615.	1.5	92
20	Hapalindole-related alkaloids from the cultured cyanobacterium Fischerella ambigua. Phytochemistry, 2010, 71, 2116-2123.	1.4	90
21	Carbene complexes of zirconium. Synthesis, structure, and reactivity with carbon monoxide to afford coordinated ketene. Journal of the American Chemical Society, 1984, 106, 5178-5186.	6.6	82
22	Kinetic, thermodynamic and X-ray structural insights into the interaction of melatonin and analogues with quinone reductase 2. Biochemical Journal, 2008, 413, 81-91.	1.7	81
23	The first determination of the energy difference between solid-state conformers by x-ray diffraction. 1. The crystal structure of the pseudo-Jahn-Teller complex (nitrito)bis(2,2'-bipyridyl)copper(II) nitrate at 20, 100, 165 and 296 K and of its isostructural zinc(II) analog at 295 K. 2. The possibility of using x-ray diffraction to characterize adiabatic potential energy surfaces and relative ligand strengths. Journal of the American Chemical Society, 1987, 109, 1947-1958.	6.6	73
24	Paramagnetic cobalt(III) complexes of polyanionic chelating ligands. Journal of the American Chemical Society, 1986, 108, 2088-2090.	6.6	71
25	Potential Cancer Chemopreventive Constituents of the Seeds ofDipteryxodorata(Tonka Bean). Journal of Natural Products, 2003, 66, 583-587.	1.5	69
26	Synthesis and structure of ketene complexes of permethylzirconocene and their hydrogenation to zirconium enolate hydrides. Journal of the American Chemical Society, 1983, 105, 2068-2070.	6.6	68
27	Bioactive Constituents of the Seeds of Brucea javanica. Planta Medica, 2002, 68, 730-733.	0.7	67
28	Synthesis and reactivity of cyclopentadienylhafnium phosphido complexes. Hydrogenolysis and carbon monoxide insertion for Hf-PR2 bonds. Journal of the American Chemical Society, 1985, 107, 4670-4678.	6.6	65
29	Structural basis for thermostability revealed through the identification and characterization of a highly thermostable phosphotriesterase-like lactonase from Geobacillus stearothermophilus. Archives of Biochemistry and Biophysics, 2009, 488, 109-120.	1.4	64
30	Polarized electronic spectra of dirhodium(II) tetraacetate. Inorganic Chemistry, 1984, 23, 1154-1162.	1.9	62
31	Organometallic sulfur complexes. 1. Syntheses, structures, and characterizations of organoiron sulfane complexes (.mu.-Sx)[(.eta.5-C5H5)Fe(CO)2]2 (x = 1-4). Inorganic Chemistry, 1983, 22, 1585-1590.	1.9	61
32	Heterofunctional Ligands Derived from Monooxidized Bis(phosphino)amines. Synthesis and Transition Metal (Rh(I), Pd(II), Pt(II)) Complexes of the Triphosphorus Ligands ((Iminophosphoranyl)amino)phosphine Phosphinic Oxides Ph2PN(R)Ph2P:NP(O)(OPh)2 (R = CH3, C2H5). Crystal and Molecular Structures of the Rhodium(I) and Platinum(II) Complexes (PhO)2(O)PN:PPh2N(C2H5)Ph2PRh(CO)Cl and (PhO)2(O)PN:PPh2N(C2H5)Ph2PPtCl2. Inorganic Chemistry, 1994, 33, 3079-3084.	1.9	61
33	Trigonal-bipyramidal methyl group bridging two zirconocene-ketene centers. Journal of the American Chemical Society, 1984, 106, 4050-4051.	6.6	59
34	Template-Directed Synthesis of 1:1 Layered Complexes of .alpha.,.omega.-Dinitriles and Urea: Packing Efficiency versus Specific Functional Group Interactions. Chemistry of Materials, 1994, 6, 1227-1244.	3.2	59
35	Activity-guided isolation of cytotoxic constituents from the bark of Aglaia crassinervia collected in Indonesia. Bioorganic and Medicinal Chemistry, 2006, 14, 960-972.	1.4	59
36	Formyl Câ^'HÂ·Â·Â·O Hydrogen Bonding in Crystalline Bis-Formamides?. Journal of the American Chemical Society, 1996, 118, 9432-9433.	6.6	57

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37	Trinuclear Zr2,Al .mu.-ketene complexes containing bridging ligands. Implications for transmetalation reactions and carbonyl reduction chemistry. Journal of the American Chemical Society, 1986, 108, 1427-1441.	6.6	54
38	Vitexlactam A, a novel labdane diterpene lactam from the fruits of Vitex agnus-castus. Tetrahedron Letters, 2002, 43, 5131-5134.	0.7	54
39	Crystal structure of N-methyl-N-phenylretinal iminium perchlorate; a structural model for the bacteriorhodopsin chromophore. Journal of the American Chemical Society, 1990, 112, 9416-9418.	6.6	53
40	Structural and Kinetic Evidence for Strain in Biological Catalysisâ€‚â€¡. Biochemistry, 1998, 37, 14404-14409.	1.2	53
41	Synthesis and molecular structure of (.eta.5-C5Me5)2Hf(H)(NHMe). Structural evidence for nitrogen-to-hafnium .pi.-donation. Organometallics, 1988, 7, 1309-1312.	1.1	52
42	Structural and Functional Analysis of Two Glutamate Racemase Isozymes from Bacillus anthracis and Implications for Inhibitor Design. Journal of Molecular Biology, 2007, 371, 1219-1237.	2.0	50
43	The design of multianionic chelating ligands for the production of inorganic oxidizing agents. Osmium coordination chemistry that provides stable potent oxidizing agents and stable potent reducing agents. Journal of the American Chemical Society, 1984, 106, 4460-4472.	6.6	49
44	Organometallic complexes with electron bridges. 7. Electrochemical, spectroscopic, and structural studies of mono- and bimetallic complexes of iron: x-ray crystal structures of CpFe(CO)2-C6F5, 4-CpFe(CO)2-C5F4N, and 1,4-C6F4(CpFe(CO)2)2. Organometallics, 1992, 11, 589-597.	1.1	49
45	Zigzag Channels in the Structure of Sebaconitrile/Urea. Angewandte Chemie International Edition in English, 1994, 33, 649-652.	4.4	46
46	One-dimensional materials. 2. Organometallic polymer and linear mono-, bi-, and trimetallic octafluoro-p,p'-biphenylene-bridged complexes of bis(methyldiphenylphosphine)nickel: x-ray crystal structures of Ni(PMePh2)2(4,4'-C12F8H)Br and Ni(PMePh2)2(4,4'-C12F8H)2. Organometallics, 1992, 11, 3056-3062.	1.1	43
47	Organometallic complexes with electronic bridges. 9. .pi.-Donor interactions and the origin of arene nonplanarity in heterobimetallic (.eta.6-arene)chromium tricarbonyl complexes having .sigma.-bonded organometallic substituents: X-ray crystal structures of (.eta.6-C6H5((.eta.5-C5H4Me)Fe(CO)2))Cr(CO)3, (.eta.6-C6H5((.eta.5-indenyl)Fe(CO)2))Cr(CO)3, and (.eta.6-1,4-C6H4Me((.eta.5-C5H5)Fe(CO)2))Cr(CO)3. Organometallics, 1992, 11, 3050-3055.	1.1	43
48	Antimycobacterial Naphthopyrones fromSenna obliquaâŠ¥. Journal of Natural Products, 2004, 67, 225-227.	1.5	43
49	Selective Azide Oxidation of 1,2-Bis(diphenylphosphino)benzene and Related Ethylenebis(phosphines) to Asymmetric Multifunctional Phosphorus Ligands and Formation of Rhodium(I) Complexes of These Ligands. Structural Characterization of the Prototypical Ligand 1-(((Trimethylsilyl)imino)diphenylphosphorano)-2-(diphenylphosphino)benzene and Its Rhodium(I) Complexâ·1-Ph2PN(SiMe3)C6H4-2-(Ph2P)Rh(CO)Cl. Inorganic Chemistry, 1996, 35, 4292-4300.	1.9	42
50	Design and Synthesis of Aryl Ether Inhibitors of the Bacillus Anthracis Enoylâ€ACP Reductase. ChemMedChem, 2008, 3, 1250-1268.	1.6	40
51	High-Resolution Structure of ClpC1-Rufomycin and Ligand Binding Studies Provide a Framework to Design and Optimize Anti-Tuberculosis Leads. ACS Infectious Diseases, 2019, 5, 829-840.	1.8	40
52	The tert-butyl peroxide complexes of permethylhafnocene, (.eta.5-C5Me5)2Hf(R)(OOCMe3). Stoichiometric transformation of alkyl tert-butyl peroxide derivatives to alkoxy tert-butoxides, (.eta.5-C5Me5)2Hf(OR)(OCMe3). Journal of the American Chemical Society, 1986, 108, 8291-8293.	6.6	39
53	Carbonylation of titanocene cyclobutenes. Synthesis and characterization of a titanocene-vinylketene complex. Journal of the American Chemical Society, 1986, 108, 3318-3323.	6.6	39
54	Constituents ofMusaÃ—paradisiacaCultivar with the Potential To Induce the Phase II Enzyme, Quinone Reductase. Journal of Agricultural and Food Chemistry, 2002, 50, 6330-6334.	2.4	39

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55	Refined Crystal Structure of Rat Parvalbumin, a Mammalian Î±-lineage Parvalbumin, at 2Â·0 Ã... Resolution. Journal of Molecular Biology, 1994, 235, 718-732.	2.0	38
56	Activity-Guided Isolation of Novel Norwithanolides from Deprea subtriflora with Potential Cancer Chemopreventive Activity. Journal of Organic Chemistry, 2003, 68, 2350-2361.	1.7	38
57	Merocyclophanes A and B, antiproliferative cyclophanes from the cultured terrestrial Cyanobacterium Nostoc sp.. Phytochemistry, 2012, 79, 109-115.	1.4	38
58	Substrate Organometallic Chemistry of Osmium Tetraoxide: Formation of a Novel Type of Carbon Dioxide Coordination. Journal of the American Chemical Society, 1982, 104, 7352-7353.	6.6	37
59	Nonplanar amide groups as ligands. Journal of the American Chemical Society, 1986, 108, 5333-5339.	6.6	37
60	Neutral square planar cobalt(III) complexes. Journal of the American Chemical Society, 1988, 110, 423-428.	6.6	36
61	N-phthalimidoaziridines by diastereoselective Addition to Î±,Î²-unsaturated amides: a route to chiral Î²-substituted Î±-hydrazino acid derivatives. Journal of the Chemical Society Chemical Communications, 1993, , 1074-1076.	2.0	36
62	New 3-O-Acyl Betulinic Acids fromStrychnos vanprukiiCraib. Journal of Natural Products, 2004, 67, 994-998.	1.5	36
63	Reactions of osmium(IV) complexes of PAC ligands with azide species. Inorganic Chemistry, 1986, 25, 4322-4323.	1.9	35
64	Addition of scandium-hydrogen, scandium-carbon, and scandium-nitrogen bonds to coordinated carbon monoxide. Structure of a methylscandoxycarbene derivative of cobalt. Organometallics, 1989, 8, 17-22.	1.1	34
65	Regioselective Covalent Modification of Hemoglobin in Search of Antisickling Agents. Journal of Medicinal Chemistry, 2003, 46, 936-953.	2.9	33
66	Isolation and absolute stereochemistry of coussaric acid, a new bioactive triterpenoid from the stems of Coussarea brevicaulis. Phytochemistry, 2003, 64, 293-302.	1.4	32
67	Bruguiesulfurol, A New Sulfur Compound fromBruguiera gymnorrhiza. Planta Medica, 2006, 72, 255-260.	0.7	31
68	Miliusanes, A Class of Cytotoxic Agents fromMiliusa sinensis. Journal of Medicinal Chemistry, 2006, 49, 693-708.	2.9	30
69	New series of 1:1 layered complexes of .alpha.,.omega.-dinitriles and urea. Chemistry of Materials, 1991, 3, 23-25.	3.2	29
70	A W/Cu Synthetic Model for the Mo/Cu Cofactor of Aerobic CODH Indicates That Biochemical CO Oxidation Requires a Frustrated Lewis Acid/Base Pair. Journal of the American Chemical Society, 2020, 142, 12635-12642.	6.6	29
71	Synthesis and structures of bimetallic titanium and chromium carbene complexes of the type Cp2Ti(Cl)O(CH3)CCr(CO)5. Organometallics, 1988, 7, 2137-2145.	1.1	28
72	Synthesis and X-ray crystal structure of (?)-calicheamicinone. Tetrahedron, 1999, 55, 3277-3290.	1.0	28

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73	Organometallic complexes with electronic bridges. 6. Novel organometallic complexes containing aromatic azines: synthesis and x-ray crystal structure of 4,6-bis[(.eta.5-cyclopentadienyl)dicarbonyliron] 2-(methylthio)pyrimidine. Organometallics, 1991, 10, 2141-2152.	1.1	27
74	Cytotoxic (9Î²H)â€Pimarane and (9Î²H)â€17â€Norpimarane Diterpenes from the Tuber of Icacina trichantha. Chemistry and Biodiversity, 2014, 11, 1914-1922.	1.0	27
75	17-Norpimaranes and (9Î²H)-17-Norpimaranes from the Tuber of Icacina trichantha. Journal of Natural Products, 2015, 78, 789-796.	1.5	27
76	Crystal Structure of the Nonerythroid Î±-Spectrin Tetramerization Site Reveals Differences between Erythroid and Nonerythroid Spectrin Tetramer Formation. Journal of Biological Chemistry, 2010, 285, 14572-14584.	1.6	26
77	Potential Chemopreventive Activity of a New Macrolide Antibiotic from a Marine-Derived Micromonospora sp.. Marine Drugs, 2013, 11, 1152-1161.	2.2	26
78	Improvements to the Practical Usability of the â€œCrystalline Spongeâ€•Method for Organic Structure Determination. Organic Letters, 2016, 18, 6112-6115.	2.4	26
79	Condensation of Os(CO)4(.eta.2-HCCH) with CpRh(CO)(PR3). Unexpected phosphine dependence in the formation of dimetallacycles: reverse regiochemistry and a zwitterionic compound. Organometallics, 1994, 13, 1078-1080.	1.1	25
80	GABAergic phthalide dimers fromAngelica sinensis (Oliv.) Diels. Phytochemical Analysis, 2006, 17, 398-405.	1.2	25
81	Structure and wavelength modification in retinylidene iminium salts. Canadian Journal of Chemistry, 1996, 74, 591-601.	0.6	24
82	Interaction of trialkylaluminum reagents with metal-bound ethylene and carbon monoxide. The molecular structure of (.eta.5-C5Me5)2Ta(H)(C2H4.cntdot.AlEt3). Organometallics, 1988, 7, 1-7.	1.1	22
83	(9Î²H)-Pimaranes and Derivatives from the Tuber of Icacina trichantha. Journal of Natural Products, 2015, 78, 2731-2737.	1.5	22
84	Hexacoordinate phosphorus. 5. Synthesis and characterization of neutral phosphorus(V) compounds containing substituted bidentate amidino ligands derived from carbodiimides. Inorganic Chemistry, 1990, 29, 5081-5087.	1.9	20
85	Structural and Enzymatic Analyses Reveal the Binding Mode of a Novel Series of Francisella tularensis Enoyl Reductase (FabI) Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 5933-5941.	2.9	20
86	Icacinlactone H and Icacintrichantholide from the Tuber of Icacina trichantha. Organic Letters, 2015, 17, 3834-3837.	2.4	20
87	Synthesis and Properties of New Nâ€Heteroheptacenes for Solutionâ€Based Organic Field Effect Transistors. Chemistry - A European Journal, 2017, 23, 12542-12549.	1.7	20
88	Î±-Glucosidase Inhibitory Prenylated Anthranols from Harungana madagascariensis. Journal of Natural Products, 2016, 79, 224-229.	1.5	19
89	Diazaquinomycins Eâ€“G, Novel Diaza-Anthracene Analogs from a Marine-Derived Streptomyces sp.. Marine Drugs, 2014, 12, 3574-3586.	2.2	18
90	Structural and biological evaluation of a novel series of benzimidazole inhibitors of Francisella tularensis enoyl-ACP reductase (FabI). Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1292-1296.	1.0	18

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91	Ca-asp bound X-ray structure and inhibition of Bacillus anthracis dihydroorotase (DHOase). Bioorganic and Medicinal Chemistry, 2016, 24, 4536-4543.	1.4	18
92	Complexation of secondary amides to chromium(III): the X-ray structure of a molecule with two modes of monodentate organic amide co-ordination. Journal of the Chemical Society Chemical Communications, 1983, , 681.	2.0	17
93	X-ray crystal structure determination of [.eta.5-C5(CH3)5]Ta[P(CH3)3]2H4 and high-field NMR studies of phosphine derivatives of (pentamethylcyclopentadienyl)tantalum(V) hydrides. Inorganic Chemistry, 1983, 22, 1149-1155.	1.9	17
94	Crystal structure and polarized electronic spectra of a (.mu.-superoxo)dicobalt(III) complex: [((NH3)5Co)2O2](NO3)2Cl3.2H2O. Inorganic Chemistry, 1984, 23, 172-176.	1.9	17
95	Synthesis and characterization of symmetrical and unsymmetrical low-valent rhenium-oxo dimers, Re2O2(RC.ident.CR)4. Journal of the American Chemical Society, 1987, 109, 6896-6898.	6.6	17
96	Kinetic and X-Ray Structural Evidence for Negative Cooperativity in Substrate Binding to Nicotinate Mononucleotide Adenylyltransferase (NMAT) from Bacillus anthracis. Journal of Molecular Biology, 2009, 385, 867-888.	2.0	16
97	Assembly of Ï€-Stacking Helical Peptides into a Porous and Multivariable Proteomimetic Framework. Journal of the American Chemical Society, 2022, 144, 7001-7009.	6.6	16
98	Transition metal carbonyl compounds containing intramolecular nucleophiles: Crystal structure of [(Î·5-C5H4î—¸(CH2)3î—¸OH)Mo(CO)3]2. Inorganica Chimica Acta, 1985, 98, 99-105.	1.2	15
99	Di-nor- and 17-nor-pimaranes from Icacina trichantha. Journal of Natural Products, 2016, 79, 1815-1821.	1.5	15
100	Synthesis, characterization, and equilibrium studies of Group VIB intramolecular metalloesters: crystal structure of trans-(.eta.5-C5H4)CH2CH2O2CW(CO)2PPh3. Journal of the American Chemical Society, 1984, 106, 6310-6318.	6.6	13
101	Structure-Guided Development of Deoxycytidine Kinase Inhibitors with Nanomolar Affinity and Improved Metabolic Stability. Journal of Medicinal Chemistry, 2014, 57, 9480-9494.	2.9	13
102	Complexation of a tetradentate tetra-anionic ligand to osmium(IV): a step towards the development of multianionic chelating ligands for use in stabilizing oxidizing inorganic complexes. Journal of the Chemical Society Chemical Communications, 1984, , 198.	2.0	12
103	Structure of the Adenovirus Type 4 (Species E) E3-19K/HLA-A2 Complex Reveals Species-Specific Features in MHC Class I Recognition. Journal of Immunology, 2016, 197, 1399-1407.	0.4	12
104	A new mechanism for exchange processes observed in the compounds [M(Î·-C5H5)2(exo-Î·-RCHî€†CH2)H], M = Nb and Ta. Journal of the Chemical Society Chemical Communications, 1989, , 734-736.	2.0	11
105	Structure of dihydroorotase fromBacillus anthracisat 2.6â€…Ã… resolution. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1432-1435.	0.7	11
106	Structure of theFrancisella tularensisenoyl-acyl carrier protein reductase (FabI) in complex with NAD⁺and triclosan. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1436-1440.	0.7	11
107	Structureâ€“Function Analysis of the Non-Muscle Myosin Light Chain Kinase (nmMLCK) Isoform by NMR Spectroscopy and Molecular Modeling: Influence of MYLK Variants. PLoS ONE, 2015, 10, e0130515.	1.1	11
108	Structural characterization ofPorphyromonas gingivalisenoyl-ACP reductase II (FabK). Acta Crystallographica Section F, Structural Biology Communications, 2018, 74, 105-112.	0.4	11

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109	Synthesis of Aristoquinoline Enantiomers and Their Evaluation at the Î±3Î²4 Nicotinic Acetylcholine Receptor. Organic Letters, 2021, 23, 7693-7697.	2.4	10
110	Photoisomerism of (dimethyl acetylenedicarboxylate)bis(triphenylphosphine)platinum. Structure of (ethoxycarbonyl)((methoxycarbonyl)acetylido)bis(triphenylphosphine)platinum(II). Organometallics, 1987, 6, 1257-1259.	1.1	9
111	Determining the conformations of organic macrocycles through a combination of Dale's rules, molecular mechanics, solid-state carbon-13 NMR and x-ray diffraction. Journal of the American Chemical Society, 1987, 109, 4373-4379.	6.6	8
112	Ribocyclophanes Aâ€“E, Glycosylated Cyclophanes with Antiproliferative Activity from Two Cultured Terrestrial Cyanobacteria. Journal of Natural Products, 2018, 81, 572-578.	1.5	8
113	Oxidative and hydrolytic decomposition of a polyanionic chelating ligand. Inorganic Chemistry, 1987, 26, 1161-1168.	1.9	7
114	Magnetization and EPR of a series of Cr3+ squarate dimers. Polyhedron, 2010, 29, 3021-3027.	1.0	7
115	Indole trimers with antibacterial activity against Gram-positive organisms produced using combinatorial biocatalysis. AMB Express, 2015, 5, 125.	1.4	7
116	The structures of T87I phosphono-CheY and T87I/Y106W phosphono-CheY help to explain their binding affinities to the FliM and CheZ peptides. Archives of Biochemistry and Biophysics, 2008, 479, 105-113.	1.4	6
117	A novel combinatorial biocatalytic approach for producing antibacterial compounds effective against Mycobacterium tuberculosis (TB). Applied Microbiology and Biotechnology, 2013, 97, 7151-7163.	1.7	6
118	Synthesis and characterization of polyaromatic azine derivatives of (Î·5-C5H5)Fe(CO)2 and (Î·5-C9H7)Fe(CO)2: X-ray crystal structures of 4-[(Î·5-cyclopentadienyl)irondicarbonyl]-7-chloroquinoline, 2-[(Î¼5-cyclopentadienyl)irondicarbonyl]-3-chloroquinoxaline, and 2-[(Î·5-indenyl)irondicarbonyl]-3-chloroquinoxaline. Journal of Organometallic Chemistry, 1996, 526, 1-14.	0.8	5
119	Expression, purification and characterization of enoyl-ACP reductase II, FabK, from Porphyromonas gingivalis. Protein Expression and Purification, 2012, 85, 100-108.	0.6	5
120	ZickzackfÃ¶rmige KanÃle in der Struktur von SebacinsÃuredinitril/Harnstoff,. Angewandte Chemie, 1994, 106, 698-701.	1.6	4
121	Structural Studies of Catalytic Antibodies. Israel Journal of Chemistry, 1996, 36, 121-132.	1.0	4
122	Bioactive Constituents from Radermachera boniana.. ChemistrySelect, 2016, 1, 1575-1579.	0.7	4
123	Efforts to enhance coverage of crystallography in United States secondary education. Journal of Applied Crystallography, 2010, 43, 1181-1188.	1.9	3
124	Structure ofN5-carboxyaminoimidazole ribonucleotide synthase (PurK) fromBacillus anthracis. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 870-874.	2.5	2
125	Absolute configuration of naturally occurring glabridin. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1212-1216.	0.4	2
126	Elucidation of the bicarbonate binding site and insights into the carboxylation mechanism of (N5)-carboxyaminoimidazole ribonucleotide synthase (PurK) fromBacillus anthracis. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 3057-3065.	2.5	2

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127	Richard E. Marsh (1922â€“2017). Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 1038-1039.	0.2	1
128	Crystal Structure of the N-terminal Region of Brain Spectrin Reveals A Helical Junction Region and A Stable Structural Domain. Biophysical Journal, 2010, 98, 248a.	0.2	0