Dariusz Martynowski

List of Publications by Year
in descending order

20 papers	840 citations	840776 11 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1342 citing authors

#	Article	IF	Citations
1	Structural Basis for Hydroxycholesterols as Natural Ligands of Orphan Nuclear Receptor RORÎ³. Molecular Endocrinology, 2010, 24, 923-929.	3.7	196
2	Molecular recognition of nitrated fatty acids by PPARÎ³. Nature Structural and Molecular Biology, 2008, 15, 865-867.	8.2	161
3	Nicotinamide mononucleotide synthetase is the key enzyme for an alternative route of NAD biosynthesis in Francisella tularensis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3083-3088.	7.1	70
4	Transcriptional regulation of NAD metabolism in bacteria: genomic reconstruction of NiaR (YrxA) regulon. Nucleic Acids Research, 2008, 36, 2032-2046.	14.5	67
5	Structural and Biochemical Basis for the Binding Selectivity of Peroxisome Proliferator-activated Receptor Î³ to PGC-1Î±. Journal of Biological Chemistry, 2008, 283, 19132-19139.	3.4	59
6	Phylogenetic Diversity and the Structural Basis of Substrate Specificity in the Î²/Îµ±-Barrel Fold Basic Amino Acid Decarboxylases. Journal of Biological Chemistry, 2007, 282, 27115-27125.	3.4	52
7	Crystal Structure of Î±-Amino-Î²-carboxymuconate-Îµ-semialdehyde Decarboxylase: Insight into the Active Site and Catalytic Mechanism of a Novel Decarboxylation Reaction,. Biochemistry, 2006, 45, 10412-10421.	2.5	47
8	Crystal Structure of a Type III Pantothenate Kinase: Insight into the Mechanism of an Essential Coenzyme A Biosynthetic Enzyme Universally Distributed in Bacteria. Journal of Bacteriology, 2006, 188, 5532-5540.	2.2	44
9	Structure of the origin-binding domain of simian virus 40 large T antigen bound to DNA. EMBO Journal, 2006, 25, 5961-5969.	7.8	37
10	Crystal and Molecular Structure of Pyrrole-2-carboxylic Acid; Ï€-Electron Delocalization of Its Dimersâ^'DFT and MP2 Calculations. Journal of Physical Chemistry A, 2004, 108, 5815-5822.	2.5	35
11	IMBALANCE OF THE KEKULï¿½ STRUCTURES IN 2,4,6-TRIMETHOXY-S-TRIAZINE. Journal of Physical Organic Chemistry, 1997, 10, 125-127.	1.9	16
12	Assembly of the Type Two Secretion System in Aeromonas hydrophila Involves Direct Interaction between the Periplasmic Domains of the Assembly Factor ExeB and the Secretin ExeD. PLoS ONE, 2014, 9, e102038.	2.5	13
13	Structure of a periplasmic domain of the EpsAB fusion protein of theVibrio vulnificustype II secretion system. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 142-149.	2.5	10
14	Synthesis of Chiral 2,4-Chiral 2,4-Dichloro-6-menthoxy-1,3,5-triazines and 2-Chloro-4, 6-Dimenthoxy-1,3,5-triazines as Enantiodifferentiating Coupling Reagents. An X-ray Study on 2,4,6-Trimenthoxy-1,3,5-triazine. Synthetic Communications, 1998, 28, 2689-2696.	2.1	9
15	Intramolecular hydrogen bond between 4-oxo and 3-carboxylic groups in quinolones and their analogs. Crystal structures of 7-methyl- and 6-fluoro-1,4-dihydro-4-oxocinnoline-3-carboxylic acids. Journal of Molecular Structure, 2003, 658, 43-50.	3.6	7
16	Planarity of Nâ€²-(amino-2-pyridylmethylene)-hydrazide carbodithioic acid frame and crystal structure of its methyl ester dihydrate. Journal of Chemical Crystallography, 2005, 35, 477-480.	1.1	7
17	Structural consequences of hindered rotation of tolyl substituent in 2,2,4,4,6,6-hexamethyl-1,3,5-tritolylcyclotrisilazanes. Crystal structures of o-, m- and p-tolyl derivatives. Journal of Molecular Structure, 2002, 613, 145-151.	3.6	4
18	Synthesis, Structure, and Antibacterial Activity of 4-Imino-1, 4-dihydrocinnoline-3-carboxylic Acid and 4-Oxo-1, 4-dihydrocinnoline-3-carboxylic Acid Derivatives as Isosteric Analogues of Quinolones. Archiv Der Pharmazie, 2003, 336, 18-30.	4.1	4

#	Article	IF	Citations
19	Title is missing!. Journal of Chemical Crystallography, 1999, 29, 687-693.	1.1	2
20	Cinnoline Analogs of Quinolones: Structural Consequences of the N Atom Introduction in the Position 2. , 2000, , 299-300.		0