

Erin L Dodd

List of Publications by Year in descending order

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15
papers

290
citations

1163117

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1125743

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17
all docs

17
docs citations

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times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	NsrR from <i>Streptomyces coelicolor</i> Is a Nitric Oxide-sensing [4Fe-4S] Cluster Protein with a Specialized Regulatory Function. <i>Journal of Biological Chemistry</i> , 2015, 290, 12689-12704.	3.4	77
2	Crystal structures of the NO sensor NsrR reveal how its iron-sulfur cluster modulates DNA binding. <i>Nature Communications</i> , 2017, 8, 15052.	12.8	59
3	Structure of Malaria Pigment and Related Propanoate-Linked Metalloporphyrin Dimers. <i>Chemistry and Biodiversity</i> , 2012, 9, 1891-1902.	2.1	28
4	Orienting the heterocyclic periphery: a structural model for chloroquine's antimalarial activity. <i>Chemical Communications</i> , 2014, 50, 13765-13768.	4.1	28
5	Soluble Synthetic Analogues of Malaria Pigment: Structure of Mesoheamatin Anhydride and its Interaction with Chloroquine in Solution. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6151-6154.	13.8	20
6	Spectroscopic and Theoretical Studies of Ga(III)protoporphyrin-IX and Its Reactions with Myoglobin. <i>Inorganic Chemistry</i> , 2012, 51, 3743-3753.	4.0	19
7	[Gallium(III) protoporphyrin IX] ₂ : A Soluble Diamagnetic Model for Malaria Pigment. <i>Inorganic Chemistry</i> , 2012, 51, 4411-4413.	4.0	19
8	Soluble Diamagnetic Model for Malaria Pigment: Coordination Chemistry of Gallium(III)protoporphyrin-IX. <i>Inorganic Chemistry</i> , 2012, 51, 10747-10761.	4.0	17
9	Dioxygen controls the nitrosylation reactions of a protein-bound [4Fe4S] cluster. <i>Dalton Transactions</i> , 2019, 48, 13960-13970.	3.3	10
10	Solution and Solid State Correlations of Antimalarial Drug Actions: NMR and Crystallographic Studies of Drug Interactions with a Heme Model. <i>Inorganic Chemistry</i> , 2017, 56, 7803-7810.	4.0	5
11	Extended structure of indium(III) protoporphyrin IX acetate mimics dimer structure of hematin anhydride. <i>Polyhedron</i> , 2016, 108, 36-42.	2.2	2
12	Hydrating the Bispropionate Notch in Malaria Pigment: A New Structural Motif in the Iron(III)(deuteroporphyrin) Dimer. <i>Chemistry - A European Journal</i> , 2019, 25, 4373-4378.	3.3	2
13	13. Reactivity of iron-sulfur clusters with nitric oxide. , 2017, , 387-438.		1
14	Cover Picture: Soluble Synthetic Analogues of Malaria Pigment: Structure of Mesoheamatin Anhydride and its Interaction with Chloroquine in Solution (<i>Angew. Chem. Int. Ed.</i> 27/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5973-5973.	13.8	0
15	A new malaria pigment structural motif and potential drug target. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, a214-a214.	0.1	0