

Jean-Didier MarÃ©chal

List of Publications by Year in descending order

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127
papers

3,418
citations

109321

35
h-index

206112

48
g-index

140
all docs

140
docs citations

140
times ranked

3964
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Successes and Challenges in Multiscale Modelling of Artificial Metalloenzymes: the Case Study of POP-Rh2 Cyclopropanase. <i>Faraday Discussions</i> , 2022, , . | 3.2 | 1 |
| 2 | Controlling oncogenic KRAS signaling pathways with a Palladium-responsive peptide. <i>Communications Chemistry</i> , 2022, 5, . | 4.5 | 1 |
| 3 | Influence of Association on Binding of Disaccharides to YKL-39 and hHyal-1 Enzymes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7705. | 4.1 | 0 |
| 4 | Dynamic Stereoselection of Peptide Helicates and Their Selective Labeling of DNA Replication Foci in Cells**. <i>Angewandte Chemie</i> , 2021, 133, 8941-8948. | 2.0 | 7 |
| 5 | Dynamic Stereoselection of Peptide Helicates and Their Selective Labeling of DNA Replication Foci in Cells**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8859-8866. | 13.8 | 29 |
| 6 | BioMetAll: Identifying Metal-Binding Sites in Proteins from Backbone Preorganization. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 311-323. | 5.4 | 25 |
| 7 | Copper(II) <i>N,N,N',N',O</i> -Chelating Complexes as Potential Anticancer Agents. <i>Inorganic Chemistry</i> , 2021, 60, 2939-2952. | 4.0 | 30 |
| 8 | Hybrid Cyclobutane/Proline-Containing Peptidomimetics: The Conformational Constraint Influences Their Cell-Penetration Ability. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5092. | 4.1 | 5 |
| 9 | Inhibition of the Human Hsc70 System by Small Ligands as a Potential Anticancer Approach. <i>Cancers</i> , 2021, 13, 2936. | 3.7 | 7 |
| 10 | Stereoselective Self-Assembly of DNA Binding Helicates Directed by the Viral \hat{I}^2 -Annulus Trimeric Peptide Motif. <i>Bioconjugate Chemistry</i> , 2021, 32, 1564-1569. | 3.6 | 3 |
| 11 | Design and evolution of chimeric streptavidin for protein-enabled dual gold catalysis. <i>Nature Catalysis</i> , 2021, 4, 643-653. | 34.4 | 32 |
| 12 | Origin of the Rate Acceleration in the $C\hat{\alpha}^{\gamma}C$ Reductive Elimination from Pt(IV) $\hat{\epsilon}$ complex in a $[Ga_4L_6]^{12+}$ Supramolecular Metallocage. <i>Chemistry - A European Journal</i> , 2021, 27, 15973-15980. | 3.3 | 9 |
| 13 | Modeling Kinetics and Thermodynamics of Guest Encapsulation into the $[M_4L_6]^{12+}$ Supramolecular Organometallic Cage. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4370-4381. | 5.4 | 10 |
| 14 | Impact of Cu(II) and Al(III) on the conformational landscape of amyloid β_{1-42} . <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13023-13032. | 2.8 | 7 |
| 15 | Integrated experimental/computational approaches to characterize the systems formed by vanadium with proteins and enzymes. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1951-1974. | 6.0 | 24 |
| 16 | Quantitative prediction of electronic absorption spectra of copper(II) $\hat{\epsilon}$ bioligand systems: Validation and applications. <i>Journal of Inorganic Biochemistry</i> , 2020, 204, 110953. | 3.5 | 27 |
| 17 | Investigating Potential Inhibitory Effect of <i>Uncaria tomentosa</i> (Cat's Claw) against the Main Protease 3CLpro of SARS-CoV-2 by Molecular Modeling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14. | 1.2 | 21 |
| 18 | Chiral Cyclobutane-Containing Cell-Penetrating Peptides as Selective Vectors for Anti-Leishmania Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7502. | 4.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | Cofactor Binding Dynamics Influence the Catalytic Activity and Selectivity of an Artificial Metalloenzyme. <i>ACS Catalysis</i> , 2020, 10, 11783-11790. | 11.2 | 24 |
| 20 | Biospeciation of Potential Vanadium Drugs of Acetylacetonate in the Presence of Proteins. <i>Frontiers in Chemistry</i> , 2020, 8, 345. | 3.6 | 11 |
| 21 | Stepwise Oxidations in a Cofacial Copper(II) Porphyrin Dimer: Through-Space Spin-Coupling and Interplay between Metal and Radical Spins. <i>Chemistry - A European Journal</i> , 2020, 26, 7869-7880. | 3.3 | 15 |
| 22 | Molecular Modeling for Artificial Metalloenzyme Design and Optimization. <i>Accounts of Chemical Research</i> , 2020, 53, 896-905. | 15.6 | 29 |
| 23 | An Artificial Hemoprotein with Inducible Peroxidase- and Monooxygenase-Like Activities. <i>Chemistry - A European Journal</i> , 2020, 26, 14929-14937. | 3.3 | 9 |
| 24 | Reaction Rate Inside the Cavity of [Ga ₄ L ₆] ¹²⁺ Supramolecular Metallo cage is Regulated by the Encapsulated Solvent. <i>Chemistry - A European Journal</i> , 2020, 26, 6988-6992. | 3.3 | 18 |
| 25 | Unveiling V ^{IV} O ²⁺ Binding Modes to Human Serum Albumins by an Integrated Spectroscopic-Computational Approach. <i>Chemistry - A European Journal</i> , 2020, 26, 11316-11326. | 3.3 | 23 |
| 26 | Differential response to Cadmium exposure by expression of a two and a three-domain metallothionein isoform in the land winkle <i>Pomatias elegans</i> : Valuating the marine heritage of a land snail. <i>Science of the Total Environment</i> , 2019, 648, 561-571. | 8.0 | 15 |
| 27 | Microsolvation and Encapsulation Effects on Supramolecular Catalysis: C-Reductive Elimination inside [Ga ₄ L ₆] ¹²⁺ Metallo cage. <i>Journal of the American Chemical Society</i> , 2019, 141, 13114-13123. | 13.7 | 40 |
| 28 | GPathFinder: Identification of Ligand-Binding Pathways by a Multi-Objective Genetic Algorithm. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3155. | 4.1 | 14 |
| 29 | Computational insight into the interaction of oxaliplatin with insulin. <i>Metallomics</i> , 2019, 11, 765-773. | 2.4 | 10 |
| 30 | Interaction of Vanadium(IV) Species with Ubiquitin: A Combined Instrumental and Computational Approach. <i>Inorganic Chemistry</i> , 2019, 58, 8064-8078. | 4.0 | 28 |
| 31 | Effect of secondary interactions, steric hindrance and electric charge on the interaction of V ^{IV} O species with proteins. <i>New Journal of Chemistry</i> , 2019, 43, 17647-17660. | 2.8 | 22 |
| 32 | Discovery of processive catalysis by an exo-hydrolase with a pocket-shaped active site. <i>Nature Communications</i> , 2019, 10, 2222. | 12.8 | 20 |
| 33 | Integrated ESI-MS/EPR/computational characterization of the binding of metal species to proteins: vanadium drug-myoglobin application. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1561-1578. | 6.0 | 24 |
| 34 | Studying the reactivity of -Cu(II) complexes for -anticancer purposes. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 51-60. | 3.5 | 11 |
| 35 | The Effect of Cofactor Binding on the Conformational Plasticity of the Biological Receptors in Artificial Metalloenzymes: The Case Study of LmrR. <i>Frontiers in Chemistry</i> , 2019, 7, 211. | 3.6 | 9 |
| 36 | Simple Coordination Geometry Descriptors Allow to Accurately Predict Metal-Binding Sites in Proteins. <i>ACS Omega</i> , 2019, 4, 3726-3731. | 3.5 | 20 |

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| 37 | Functionalized Artificial Bidomain Proteins Based on an Î±-Solenoid Protein Repeat Scaffold: A New Class of Artificial Diels-Ålderases. ACS Omega, 2019, 4, 4437-4447. | 3.5 | 21 |
| 38 | Integrated Computational Study of the Cu-Catalyzed Hydration of Alkenes in Water Solvent and into the Context of an Artificial Metallohydratase. ACS Catalysis, 2019, 9, 4616-4626. | 11.2 | 10 |
| 39 | Validation and Applications of Protein-Ligand Docking Approaches Improved for Metalloligands with Multiple Vacant Sites. Inorganic Chemistry, 2019, 58, 294-306. | 4.0 | 35 |
| 40 | GARLEEK: Adding an extra flavor to ONIOM. Journal of Computational Chemistry, 2019, 40, 381-386. | 3.3 | 6 |
| 41 | Defective AMH signaling disrupts GnRH neuron development and function and contributes to hypogonadotropic hypogonadism. ELife, 2019, 8, . | 6.0 | 49 |
| 42 | ESlgen: Electronic Supporting Information Generator for Computational Chemistry Publications. Journal of Chemical Information and Modeling, 2018, 58, 561-564. | 5.4 | 19 |
| 43 | Decoding Surface Interaction of V ^{IV} Metallodrug Candidates with Lysozyme. Inorganic Chemistry, 2018, 57, 4456-4469. | 4.0 | 28 |
| 44 | PyChimera: use UCSF Chimera modules in any Python 2.7 project. Bioinformatics, 2018, 34, 1784-1785. | 4.1 | 18 |
| 45 | Directed Evolution of an Artificial Imine Reductase. Angewandte Chemie - International Edition, 2018, 57, 1863-1868. | 13.8 | 47 |
| 46 | Directed Evolution of an Artificial Imine Reductase. Angewandte Chemie, 2018, 130, 1881-1886. | 2.0 | 8 |
| 47 | An Artificial Heme Enzyme for Cyclopropanation Reactions. Angewandte Chemie, 2018, 130, 7911-7915. | 2.0 | 26 |
| 48 | An Artificial Heme Enzyme for Cyclopropanation Reactions. Angewandte Chemie - International Edition, 2018, 57, 7785-7789. | 13.8 | 98 |
| 49 | Prediction of the interaction of metallic moieties with proteins: An update for protein-ligand docking techniques. Journal of Computational Chemistry, 2018, 39, 42-51. | 3.3 | 54 |
| 50 | DFT Protocol for EPR Prediction of Paramagnetic Cu(II) Complexes and Application to Protein Binding Sites. Magnetochemistry, 2018, 4, 55. | 2.4 | 30 |
| 51 | Directed Self-Assembly of Trimeric DNA-Binding chiral Mini-protein Helicates. Frontiers in Chemistry, 2018, 6, 520. | 3.6 | 11 |
| 52 | Accurate prediction of vertical electronic transitions of Ni(II) coordination compounds via time dependent density functional theory. International Journal of Quantum Chemistry, 2018, 118, e25655. | 2.0 | 16 |
| 53 | Bioelectrochemical monitoring of soluble guanylate cyclase inhibition by the natural Î²-carboline canthin-6-one. Journal of Molecular Structure, 2017, 1134, 661-667. | 3.6 | 3 |
| 54 | Elucidating the 3D structures of Al(III)-Al ²⁺ complexes: a template free strategy based on the pre-organization hypothesis. Chemical Science, 2017, 8, 5041-5049. | 7.4 | 21 |

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| 55 | GaudiMM: A modular multi-objective platform for molecular modeling. <i>Journal of Computational Chemistry</i> , 2017, 38, 2118-2126. | 3.3 | 37 |
| 56 | Elucidation of Binding Site and Chiral Specificity of Oxidovanadium Drugs with Lysozyme through Theoretical Calculations. <i>Inorganic Chemistry</i> , 2017, 56, 12938-12951. | 4.0 | 40 |
| 57 | Design of an enantioselective artificial metallo-hydratase enzyme containing an unnatural metal-binding amino acid. <i>Chemical Science</i> , 2017, 8, 7228-7235. | 7.4 | 69 |
| 58 | New Insights into the Reactivity of Cisplatin with Free and Restrained Nucleophiles: Microsolvation Effects and Base Selectivity in Cisplatin-DNA Interactions. <i>ChemPhysChem</i> , 2016, 17, 3932-3947. | 2.1 | 10 |
| 59 | Computational insight into the catalytic implication of head/tail-first orientation of arachidonic acid in human 5-lipoxygenase: consequences for the positional specificity of oxygenation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23017-23035. | 2.8 | 22 |
| 60 | Artificial Metalloenzymes with the Neocarzinostatin Scaffold: Toward a Biocatalyst for the Diels-Alder Reaction. <i>ChemBioChem</i> , 2016, 17, 433-440. | 2.6 | 36 |
| 61 | The folding of a metalloprotein. <i>Dalton Transactions</i> , 2016, 45, 881-885. | 3.3 | 9 |
| 62 | Chapter 15. Enzyme Design. <i>RSC Theoretical and Computational Chemistry Series</i> , 2016, , 481-521. | 0.7 | 1 |
| 63 | Modeling Cu ²⁺ -A ¹² complexes from computational approaches. <i>AIP Advances</i> , 2015, 5, 092402. | 1.3 | 17 |
| 64 | Toward the Computational Design of Artificial Metalloenzymes: From Protein-Ligand Docking to Multiscale Approaches. <i>ACS Catalysis</i> , 2015, 5, 2469-2480. | 11.2 | 51 |
| 65 | Synthesis of Novel Nucleoside Analogues Built on a Bicyclo[4.1.0]heptane Scaffold. <i>Journal of Organic Chemistry</i> , 2015, 80, 9495-9505. | 3.2 | 11 |
| 66 | From hemoabzymes to hemozymes towards new biocatalysts for selective oxidations. <i>Chemical Communications</i> , 2015, 51, 2476-2494. | 4.1 | 54 |
| 67 | Various strategies for obtaining oxidative artificial hemoproteins with a catalytic oxidative activity: from "Hemoabzymes" to "Hemozymes"?. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 1063-1092. | 0.8 | 7 |
| 68 | Computational simulations of copper complexes relevant to Alzheimer's disease. , 2014, , . | | 0 |
| 69 | Direct interaction of natural and synthetic catechins with signal transducer activator of transcription 1 affects both its phosphorylation and activity. <i>FEBS Journal</i> , 2014, 281, 724-738. | 4.7 | 14 |
| 70 | Monitoring lactoferrin iron levels by fluorescence resonance energy transfer: a combined chemical and computational study. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 439-447. | 2.6 | 15 |
| 71 | Unravelling novel synergies between organometallic and biological partners: a quantum mechanics/molecular mechanics study of an artificial metalloenzyme. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140090. | 3.4 | 10 |
| 72 | Structural, Kinetic, and Docking Studies of Artificial Imine Reductases Based on Biotin-Streptavidin Technology: An Induced Lock-and-Key Hypothesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 15676-15683. | 13.7 | 75 |

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| 73 | 3D Structures and Redox Potentials of Cu ²⁺ -A ²⁺ (16) Complexes at Different pH: A Computational Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4840-4850. | 2.6 | 30 |
| 74 | Computational Insights on an Artificial Imine Reductase Based on the Biotin-Streptavidin Technology. <i>ACS Catalysis</i> , 2014, 4, 833-842. | 11.2 | 27 |
| 75 | Understanding the interaction of an antitumoral platinum(II) 7-azaindolate complex with proteins and DNA. <i>BioMetals</i> , 2014, 27, 1159-1177. | 4.1 | 8 |
| 76 | Neocarzinostatin-based hybrid biocatalysts for oxidation reactions. <i>Dalton Transactions</i> , 2014, 43, 8344-8354. | 3.3 | 32 |
| 77 | Neocarzinostatin-based hybrid biocatalysts with a RNase like activity. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5678-5686. | 3.0 | 10 |
| 78 | Programmed stereoselective assembly of DNA-binding helical metallopeptides. <i>Chemical Communications</i> , 2014, 50, 11097-11100. | 4.1 | 30 |
| 79 | Assessing protein-ligand docking for the binding of organometallic compounds to proteins. <i>Journal of Computational Chemistry</i> , 2014, 35, 192-198. | 3.3 | 22 |
| 80 | Crystal structure of c5321: a protective antigen present in uropathogenic <i>Escherichia coli</i> strains displaying an SLR fold. <i>BMC Structural Biology</i> , 2013, 13, 19. | 2.3 | 17 |
| 81 | Synthesis, Antiviral Evaluation, and Computational Studies of Cyclobutane and Cyclobutene Nucleoside Analogues. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7761-7775. | 2.4 | 7 |
| 82 | Computational insights on the possibility of tri-coordinated cisplatinated adducts with protein models. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 230-236. | 3.5 | 4 |
| 83 | Crystal Structure of Two Anti-Porphyrin Antibodies with Peroxidase Activity. <i>PLoS ONE</i> , 2012, 7, e51128. | 2.5 | 11 |
| 84 | Metal Complexation of a D-Ribose-Based Ligand Decoded by Experimental and Theoretical Studies. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3308-3319. | 2.0 | 4 |
| 85 | Stereoselective Formation of Chiral Metallopeptides. <i>Chemistry - A European Journal</i> , 2012, 18, 7030-7035. | 3.3 | 30 |
| 86 | Synthesis, Anti-HIV Activity Studies, and in-silico Rationalization of Cyclobutane-Fused Nucleosides. <i>ChemMedChem</i> , 2012, 7, 1044-1056. | 3.2 | 7 |
| 87 | Incorporation of Manganese Complexes into Xylanase: New Artificial Metalloenzymes for Enantioselective Epoxidation. <i>ChemBioChem</i> , 2012, 13, 240-251. | 2.6 | 72 |
| 88 | What can molecular modelling bring to the design of artificial inorganic cofactors?. <i>Faraday Discussions</i> , 2011, 148, 137-159. | 3.2 | 26 |
| 89 | Three Dimensional Models of Cu ²⁺ -A ²⁺ (16) Complexes from Computational Approaches. <i>Journal of the American Chemical Society</i> , 2011, 133, 15008-15014. | 13.7 | 61 |
| 90 | Receptor Flexibility in Ligand Docking and Virtual Screening. , 2011, , 99-117. | | 2 |

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| 91 | In Silico Analysis of the Apolipoprotein E and the Amyloid β Peptide Interaction: Misfolding Induced by Frustration of the Salt Bridge Network. <i>PLoS Computational Biology</i> , 2010, 6, e1000663. | 3.2 | 38 |
| 92 | Insights into the Mechanism of Binding of Arachidonic Acid to Mammalian 15-Lipoxygenases. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7037-7046. | 2.6 | 30 |
| 93 | Consensus modes, a robust description of protein collective motions from multiple-minima normal mode analysisâ€™ application to the HIV-1 protease. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2850. | 2.8 | 31 |
| 94 | Natural mutations of the anti-Mullerian hormone type II receptor found in persistent Mullerian duct syndrome affect ligand binding, signal transduction and cellular transport. <i>Human Molecular Genetics</i> , 2009, 18, 3002-3013. | 2.9 | 49 |
| 95 | Targeting STAT1 by myricetin and delphinidin provides efficient protection of the heart from ischemia/reperfusionâ€™induced injury. <i>FEBS Letters</i> , 2009, 583, 531-541. | 2.8 | 80 |
| 96 | Selective oxidation of aromatic sulfide catalyzed by an artificial metalloenzyme: new activity of hemozymes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3208. | 2.8 | 66 |
| 97 | Use of normal modes for structural modeling of proteins: the case study of rat heme oxygenase 1. <i>European Biophysics Journal</i> , 2008, 37, 1157-1165. | 2.2 | 11 |
| 98 | How Do Azoles Inhibit Cytochrome P450 Enzymes? A Density Functional Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 12911-12918. | 2.5 | 76 |
| 99 | Insights into drug metabolism by cytochromes P450 from modelling studies of CYP2D6â€™drug interactions. <i>British Journal of Pharmacology</i> , 2008, 153, S82-9. | 5.4 | 42 |
| 100 | Insight into the apoptosis-inducing action of β -bisabolol towards malignant tumor cells: Involvement of lipid rafts and Bid. <i>Archives of Biochemistry and Biophysics</i> , 2008, 476, 113-123. | 3.0 | 57 |
| 101 | Hemozymes Peroxidase Activity Of Artificial Hemoproteins Constructed From the <i>Streptomyces lividans</i> Xylanase A and Iron(III)-Carboxy-Substituted Porphyrins. <i>Bioconjugate Chemistry</i> , 2008, 19, 899-910. | 3.6 | 43 |
| 102 | Multiple Substrate Binding by Cytochrome P450 3A4: Estimation of the Number of Bound Substrate Molecules. <i>Drug Metabolism and Disposition</i> , 2008, 36, 2136-2144. | 3.3 | 50 |
| 103 | Factors affecting imine coordination in (iminoterpyridine)MX ₂ (M = Fe, Co, Ni, Zn): synthesis, structures, DFT calculations and ethylene oligomerisation studies. <i>New Journal of Chemistry</i> , 2007, 31, 75-85. | 2.8 | 30 |
| 104 | Filling a Hole in Cytochrome P450 BM3 Improves Substrate Binding and Catalytic Efficiency. <i>Journal of Molecular Biology</i> , 2007, 373, 633-651. | 4.2 | 71 |
| 105 | Mono- vs. bi-metallic assembly on a bulky bis(imino)terpyridine framework: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2006, , 2350-2361. | 3.3 | 29 |
| 106 | Design, synthesis and biological activity of new CDK4-specific inhibitors, based on foscarnin. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 787. | 2.8 | 42 |
| 107 | IN SILICO PREDICTION OF DRUG BINDING TO CYP2D6: IDENTIFICATION OF A NEW METABOLITE OF METOCLOPRAMIDE. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1386-1392. | 3.3 | 41 |
| 108 | Normal mode analysis as a prerequisite for drug design: Application to matrix metalloproteinases inhibitors. <i>FEBS Letters</i> , 2006, 580, 5130-5136. | 2.8 | 58 |

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| 109 | CA224, a non-planar analogue of fascaplysin, inhibits Cdk4 but not Cdk2 and arrests cells at G0/G1 inhibiting pRB phosphorylation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4272-4278. | 2.2 | 27 |
| 110 | Inhibition of cancer cell growth by cyclin dependent kinase 4 inhibitors synthesized based on the structure of fascaplysin. <i>Bioorganic Chemistry</i> , 2006, 34, 287-297. | 4.1 | 18 |
| 111 | A DFT study on the relative affinity for oxygen of the $\hat{1}\pm$ and $\hat{1}^2$ subunits of hemoglobin. <i>Journal of Computational Chemistry</i> , 2006, 27, 1446-1453. | 3.3 | 10 |
| 112 | Insights into Drug Metabolism from Modelling Studies of Cytochrome P450-Drug Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 1619-1626. | 2.1 | 6 |
| 113 | IN SILICO AND IN VITRO SCREENING FOR INHIBITION OF CYTOCHROME P450 CYP3A4 BY COMEDICATIONS COMMONLY USED BY PATIENTS WITH CANCER. <i>Drug Metabolism and Disposition</i> , 2006, 34, 534-538. | 3.3 | 58 |
| 114 | The design and synthesis of novel 3-[2-indol-1-yl-ethyl]-1H-indole derivatives as selective inhibitors of CDK4. <i>Tetrahedron Letters</i> , 2005, 46, 1423-1425. | 1.4 | 44 |
| 115 | The Design and Synthesis of Novel 3-[2-Indol-1-yl-ethyl]-1H-indole Derivatives as Selective Inhibitors of CDK4.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 116 | Why Is Quinidine an Inhibitor of Cytochrome P450 2D6?. <i>Journal of Biological Chemistry</i> , 2005, 280, 38617-38624. | 3.4 | 63 |
| 117 | Internal cavities and ligand passageways in human hemoglobin characterized by molecular dynamics simulations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 385-393. | 2.4 | 26 |
| 118 | Progress in cytochrome P450 active site modeling. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 361-368. | 3.0 | 26 |
| 119 | Flexible N,N,N-chelates as supports for iron and cobalt chloride complexes; synthesis, structures, DFT calculations and ethylene oligomerisation studies. <i>Dalton Transactions</i> , 2004, , 3231-3240. | 3.3 | 38 |
| 120 | Validation of Model of Cytochrome P450 2D6: An in Silico Tool for Predicting Metabolism and Inhibition. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 5340-5346. | 6.4 | 78 |
| 121 | New fascaplysin-based CDK4-specific inhibitors: design, synthesis and biological activity. <i>Chemical Communications</i> , 2004, , 1696-1697. | 4.1 | 29 |
| 122 | Phe120 contributes to the regiospecificity of cytochrome P450 2D6: mutation leads to the formation of a novel dextromethorphan metabolite. <i>Biochemical Journal</i> , 2004, 380, 353-360. | 3.7 | 69 |
| 123 | Ab initio calculations predict a very low barrier for the rotation of the axial ligand in Fe(P)(Im). <i>Chemical Physics Letters</i> , 2002, 353, 379-382. | 2.6 | 10 |
| 124 | Theoretical modeling of the heme group with a hybrid QM/MM method. <i>Journal of Computational Chemistry</i> , 2000, 21, 282-294. | 3.3 | 39 |
| 125 | Amine conformational change and spin conversion induced by metal-assisted ligand oxidation: from the seven-coordinate iron(II)TPAA complex to the two oxidized iron(II)(py) ₃ tren isomers. Characterization, crystal structures, and density functional study. <i>Inorganica Chimica Acta</i> , 2000, 297, 338-350. | 2.4 | 59 |
| 126 | Theoretical modeling of the heme group with a hybrid QM/MM method. <i>Journal of Computational Chemistry</i> , 2000, 21, 282. | 3.3 | 1 |

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|-----|---|-----|-----------|
| 127 | Selective recognition of A/T-rich DNA 3-way junctions with a three-fold symmetric tripeptide. Chemical Communications, 0, , . | 4.1 | 5 |