# Ryszard B Nazarski

List of Publications by Year
in descending order



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|---|---|---|---|
| 35 papers | 337 citations | 759233 12 h-index | 996975 15 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 357 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tributyltin hydride-mediated cyclisations of cinnamic enamides to piperidin-2-ones or pyrrolidin-2-ones. Indolizidinone ring formation by tandem radical cyclisation. Tetrahedron, 2004, 60, 8181-8188. | 1.9 | 21 |
| 2 | Synthesis and Biological Evaluation of New Bischromone Derivatives with Antiproliferative Activity. Archiv Der Pharmazie, 2013, 346, 34-43. | 4.1 | 20 |
| 3 | Dynamic 1H NMR spectroscopic study of hindered internal rotation in selected N,N-dialkyl isonicotinamides: an experimental and DFT analysis. Tetrahedron, 2013, 69, 8147-8154. | 1.9 | 17 |
| 4 | Multi-conformer molecules in solutions: an NMR-based DFT/MP2 conformational study of two glucopyranosides of a vitamin E model compound. Organic and Biomolecular Chemistry, 2016, 14, 3142-3158. | 2.8 | 17 |
| 5 | Three-component conformational equilibria of some flexible pyrrolidin-2-(thi)ones in solution by NMR data (Î´C, Î´H, and nJHH) and their DFT predictions: a confrontation of different approaches. Tetrahedron, 2011, 67, 6901-6916. | 1.9 | 16 |
| 6 | Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 35, 251-260. | 1.6 | 15 |
| 7 | Cyclisation at very high temperature. Thermal transformations of N-alkyl and N, N-dialkyl amides of Î±,Î²-unsaturated acids into mono- and bicyclic heterocycles under FVT conditions. Tetrahedron, 2009, 65, 6364-6369. | 1.9 | 15 |
| 8 | Synthesis of aryliminoacetonitriles under FVT conditions or by dehydrogenation of arylaminoacetonitriles: an NMR and UV-photoelectron spectroscopy study. Tetrahedron, 2009, 65, 10581-10589. | 1.9 | 15 |
| 9 | Summary of DFT calculations coupled with current statistical and/or artificial neural network (ANN) methods to assist experimental NMR data in identifying diastereomeric structures. Tetrahedron Letters, 2021, 71, 152548. | 1.4 | 15 |
| 10 | Physical image versus structure relation. Part 14â€"an attempt to rationalize some acidic region <sup>13</sup>C NMRâ€pH titration shifts for tetraaza macrocycles throughout the conformational GIAO DFT computational results: a pendantâ€arm cyclam case. Journal of Physical Organic Chemistry, 2009, 22, 834-844. | 1.9 | 14 |
| 11 | [(Diphenoxyphosphinyl)methylidene]triphenylphosphoraneâ€"the double P+-stabilised carbanion: a crystallographic, computational and solution NMR comparative study on the ylidic bonding. Tetrahedron, 2003, 59, 7681-7693. | 1.9 | 12 |
| 12 | Assignment of pH-dependent NMR spectra of the scorpiand macrocycle: an application of titration profiles and spectral linewidths. Magnetic Resonance in Chemistry, 2003, 41, 70-74. | 1.9 | 12 |
| 13 | Shortfall of B3LYP in Reproducing NMR J<sub>CH</sub> Couplings in Some Isomeric Epoxy Structures with Strong Stereoelectronic Effects: A Benchmark Study on DFT Functionals. ChemPhysChem, 2018, 19, 631-642. | 2.1 | 12 |
| 14 | Diastereomeric amides from rac-3,3â€²,4,4â€²-tetramethyl-1,1â€²-diphosphaferrocene-2-carboxylic acid and (S)-Î±-phenylethylamine: separation and determination of absolute configuration. Journal of Organometallic Chemistry, 2001, 627, 135-138. | 1.8 | 11 |
| 15 | Rationalization of the stereochemistry of an addition of dialkyl phosphites to certain chiral aldimines: The experimental and theoretical approach. Heteroatom Chemistry, 2002, 13, 120-125. | 0.7 | 11 |
| 16 | Synthesis, complete NMR assignments, and NOE versus GIAO data assisted ab initio modelling the overall conformations of amide 3,4â€²-diquinolinyl sulfides in solution. Another approach to analysis of flexible systems. Tetrahedron, 2004, 60, 9213-9222. | 1.9 | 11 |
| 17 | Studies on the catalysis of the reaction of organotin phenoxides with bis(2,2,2-trichloroethyl) azodicarboxylate by lithium perchlorate. Applied Organometallic Chemistry, 2004, 18, 398-400. | 3.5 | 10 |
| 18 | Flash vacuum thermolysis generation and a UV-photoelectron spectroscopy study of the N-substituted iminoacetonitriles. Tetrahedron, 2009, 65, 9322-9327. | 1.9 | 10 |

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|---|---|---|---|
| 19 | 1JCH couplings in Group 14/IVA tetramethyls from the gas-phase NMR and DFT structural study: a search for the best computational protocol. Physical Chemistry Chemical Physics, 2014, 16, 15699-15708. | 2.8 | 10 |
| 20 | Physical imagevsstructure relation: part 12 - structure of 2,2,5,5-tetramethyl-dihydro-furan-3-one oxime and its protonated forms through isomerization and NMR spectra. Journal of Physical Organic Chemistry, 2007, 20, 422-430. | 1.9 | 8 |
| 21 | Physical Image vs. Structure Relation, Part 131: Calculational Evidences for the 2h J PH Spinâ€“Spin Coupling in Internally H-Bonded Isomers of Some 1-Oxoalkanephosphonate Hydrazones. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 1036-1046. | 1.6 | 8 |
| 22 | Flash Vacuum Thermolysis of Nâ€(3â€•and 4â€Pyridylmethylidene)â€tertâ€butylamines: Mechanisms of Formation of Pyrrolopyridines and Naphthyridines. European Journal of Organic Chemistry, 2014, 2014, 3020-3027. | 2.4 | 8 |
| 23 | 13C longitudinal relaxation time measurements and DFT-GIAO NMR computations for two ammonium ions of a tetraazamacrocyclic scorpiand system. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 78, 299-310. | 1.6 | 7 |
| 24 | A Benefit of Using the IDSCRF- over UFF-Radii Cavities and Why Joint Correlations of NMR Chemical Shifts Can Be Advantageous: Condensed Pyridines as an IEF-PCM/GIAO/DFT Case Study. Journal of Physical Chemistry A, 2016, 120, 9519-9528. | 2.5 | 7 |
| 25 | Unexpected Rearrangement of Dilithiated Isoindoline-1,3-diols into 3-Aminoindan-1-ones via N-Lithioaminoarylcarbenes: A Combined Synthetic and Computational Study. Journal of Organic Chemistry, 2019, 84, 11425-11440. | 3.2 | 7 |
| 26 | Sterically crowded five-membered heterocyclic systems. Part 2. Conformation of 2,2,5,5-tetramethylpyrrolidin-3-ol from nuclear magnetic resonance spectroscopy, crystal structure, and molecular mechanics calculations. Journal of the Chemical Society Perkin Transactions II, 1985, , 1495-1501. | 0.9 | 5 |
| 27 | Stereoselective Synthesis of Chiral (2-Furyl)Amino-Methanephosphonic and Aminophosphonous Acids. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 144, 449-452. | 1.6 | 5 |
| 28 | Catalysis of the Reaction of Cholesteryl Acetate with 4â€Phenylâ€1,2,4â€triazolineâ€3,5â€dione by Lithium Perchlorate. Synthetic Communications, 2005, 35, 1059-1066. | 2.1 | 5 |
| 29 | Sterically crowded five-membered heterocyclic systems. Part 3. Unexpected formation of stable flexible pyrrolidinoxyl biradicals via nitrone aldol dimers: a spectroscopic and mechanistic study. Journal of the Chemical Society Perkin Transactions 1, 1989, , 1603-1610. | 0.9 | 4 |
| 30 | Reactions of nitrones with sodium iodide-trifluoroacetic anhydride system. Comments on the Beckmann rearrangement of aldonitrones and competitive processes of nucleophilic addition. Tetrahedron, 1997, 53, 14169-14178. | 1.9 | 3 |
| 31 | A Convenient Preparation of Pivalaldehyde: Some Remarks on the Bouveault Synthesis. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1992, 101, 817-819. | 0.0 | 3 |
| 32 | Unexpected Formation of Î± -(N-Methyl)-aminoalkanephosphonate. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 51, 336-336. | 1.6 | 1 |
| 33 | Sucrose transport is inhibited by okadaic acid during regeneration of sugar-starved Vicia faba root meristem cells. Journal of Plant Physiology, 2013, 170, 397-405. | 3.5 | 1 |
| 34 | 1H NMR spectra, structure, and conformational exchange of S-n-alkyl-tetrahydrothiophenium cations of some ionic liquids. Phosphorus, Sulfur and Silicon and the Related Elements, 0, , 1-11. | 1.6 | 1 |
| 35 | Tributyltin Hydride Mediated Cyclizations of Cinnamic Enamides to Piperidin-2-ones or Pyrrolidine-2-ones. Indolizidinone Ring Formation by Tandem Radical Cyclization.. ChemInform, 2004, 35, no. | 0.0 | 0 |