

Simon M Pyke

List of Publications by Year in descending order

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51
papers

1,464
citations

279798

23
h-index

315739

38
g-index

55
all docs

55
docs citations

55
times ranked

1573
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Improving the Assessment of Transferable Skills in Chemistry Through Evaluation of Current Practice. , 2019, , 255-274. | | 4 |
| 2 | Selective biocatalytic hydroxylation of unactivated methylene C-H bonds in cyclic alkyl substrates. Chemical Communications, 2019, 55, 5029-5032. | 4.1 | 13 |
| 3 | Implementing and investigating distributed leadership in a national university network – SaMnet. Journal of Higher Education Policy and Management, 2017, 39, 169-182. | 2.3 | 8 |
| 4 | Assessing the Assessments: Development of a Tool To Evaluate Assessment Items in Chemistry According to Learning Outcomes. ACS Symposium Series, 2016, , 225-244. | 0.5 | 5 |
| 5 | Development, Evaluation and Use of a Student Experience Survey in Undergraduate Science Laboratories: The Advancing Science by Enhancing Learning in the Laboratory Student Laboratory Learning Experience Survey. International Journal of Science Education, 2015, 37, 1795-1814. | 1.9 | 27 |
| 6 | The development of teaching skills to support active learning in university science (ALIUS). Journal of Learning Design, 2015, 3, . | 0.8 | 3 |
| 7 | Student Perceptions of Chemistry Experiments with Different Technological Interfaces: A Comparative Study. Journal of Chemical Education, 2014, 91, 1787-1795. | 2.3 | 7 |
| 8 | In Vivo Activity of Benzoyl Ester Clerodane Diterpenoid Derivatives from <i>Dodonaea polyandra</i> . Journal of Natural Products, 2011, 74, 650-657. | 3.0 | 27 |
| 9 | The synthesis, characterization and structures of some 4-(((E)-1-{2-hydroxy-5-[(E)-2-(aryl)-1-diazenyl]phenyl)methylidene}amino]benzoic acid. Dyes and Pigments, 2009, 82, 379-386. | 3.7 | 24 |
| 10 | Synthesis, and Cyclization to Aurones and Flavones, of Alkoxy-Substituted Aryl, Arylalkynyl Ketones. Australian Journal of Chemistry, 2008, 61, 350. | 0.9 | 8 |
| 11 | Sequential and Selective Buchwald-Hartwig Amination Reactions for the Controlled Functionalization of 6-Bromo-2-chloroquinoline: Synthesis of Ligands for the Tec Src Homology 3 Domain. Journal of Organic Chemistry, 2008, 73, 8880-8892. | 3.2 | 37 |
| 12 | Carbonyl-Scavenging Drugs & Protection Against Carbonyl Stress-Associated Cell Injury. Mini-Reviews in Medicinal Chemistry, 2008, 8, 319-330. | 2.4 | 30 |
| 13 | Antimicrobial Compounds from the Australian Desert Plant <i>Eremophila neglecta</i> . Journal of Natural Products, 2007, 70, 1439-1443. | 3.0 | 51 |
| 14 | Antimicrobial compounds from <i>Eremophila serrulata</i> . Phytochemistry, 2007, 68, 2684-2690. | 2.9 | 51 |
| 15 | Michael addition of acrolein to lysinyl and N-terminal residues of a model peptide: targets for cytoprotective hydrazino drugs. Rapid Communications in Mass Spectrometry, 2007, 21, 1155-1164. | 1.5 | 15 |
| 16 | Synthesis of N-benzylated-2-aminoquinolines as ligands for the Tec SH3 domain. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 387-390. | 2.2 | 29 |
| 17 | Enantioselective assay for the determination of perhexiline enantiomers in human plasma by liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 832, 114-120. | 2.3 | 17 |
| 18 | Hydralazine Inhibits Rapid Acrolein-Induced Protein Oligomerization: Role of Aldehyde Scavenging and Adduct Trapping in Cross-Link Blocking and Cytoprotection. Molecular Pharmacology, 2006, 69, 1056-1065. | 2.3 | 76 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Synthesis of 5-, 6- and 7-substituted-2-aminoquinolines as SH3 domain ligands. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2543. | 2.8 | 30 |
| 20 | Cycloaddition Reactions of 7-Benzylidenecycloocta-1,3,5-triene with Ethenetetracarbonitrile and 4-Phenyl-3H-1,2,4-triazole-3,5(4H)-dione. <i>Helvetica Chimica Acta</i> , 2005, 88, 2003-2021. | 1.6 | 4 |
| 21 | Differences in Lysine Adduction by Acrolein and Methyl Vinyl Ketone: Implications for Cytotoxicity in Cultured Hepatocytes. <i>Chemical Research in Toxicology</i> , 2005, 18, 1627-1633. | 3.3 | 28 |
| 22 | Protein Adduct-Trapping by Hydrazinophthalazine Drugs: Mechanisms of Cytoprotection Against Acrolein-Mediated Toxicity. <i>Molecular Pharmacology</i> , 2004, 65, 655-664. | 2.3 | 55 |
| 23 | Strong Protein Adduct Trapping Accompanies Abolition of Acrolein-Mediated Hepatotoxicity by Hydralazine in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 1003-1010. | 2.5 | 64 |
| 24 | Reactivity of hydrazinophthalazine drugs with the lipid peroxidation products acrolein and crotonaldehyde. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2578. | 2.8 | 47 |
| 25 | Identification and Specificity Studies of Small-Molecule Ligands for SH3 Protein Domains. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 5405-5417. | 6.4 | 71 |
| 26 | Reactivity with Tris(hydroxymethyl)aminomethane Confounds Immunodetection of Acrolein-Adducted Proteins. <i>Chemical Research in Toxicology</i> , 2003, 16, 1196-1201. | 3.3 | 14 |
| 27 | Complexation of Zinc(II) and Cadmium(II) by Hydroxyethyl- and Bis(hydroxyethyl)-1,4,7-triazacyclononane in Water. <i>Australian Journal of Chemistry</i> , 2003, 56, 61. | 0.9 | 2 |
| 28 | Reaction of 5-nitro-octaethylporphyrins with nucleophiles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002, 06, 685-694. | 0.8 | 22 |
| 29 | Porphyrin building blocks: using a modified Barton-Zard approach to construct annulated pyrroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002, 06, 661-672. | 0.8 | 5 |
| 30 | Aldehyde-sequestering drugs: tools for studying protein damage by lipid peroxidation products. <i>Toxicology</i> , 2002, 181-182, 229-236. | 4.2 | 78 |
| 31 | Mechanistic Investigations on the Reaction between 1,2-Dioxines and Bulky Stabilized Phosphorus Ylides: An Efficient Route to Closely Related Cyclopropane Stereoisomers. <i>Journal of Organic Chemistry</i> , 2001, 66, 7955-7966. | 3.2 | 36 |
| 32 | N-(4,4-Dimethoxy-1-oxo-1,6-thianylidene)-4-methyl-1-benzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o394-o395. | 0.2 | 0 |
| 33 | Synthesis and characterization of triorganotin(IV) complexes of 5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoic acids. <i>Journal of Organometallic Chemistry</i> , 2001, 633, 7-17. | 1.8 | 71 |
| 34 | Reactions of Ethyne with Some Ruthenium Cluster Complexes Containing dpmm. <i>Helvetica Chimica Acta</i> , 2001, 84, 3197-3215. | 1.6 | 11 |
| 35 | In vitro antiviral activity of the anthraquinone chrysophanic acid against poliovirus. <i>Antiviral Research</i> , 2001, 49, 169-178. | 4.1 | 134 |
| 36 | A regio- and stereo-selective synthesis of 2-hydroxy-3-methylchromycinone in three steps from 2-bromo-5-acetoxy-1,4-naphthoquinone and 1-acetoxy-3,3-dimethyl-5-vinylcyclohexa-1,5-diene. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1826-1830. | 1.3 | 9 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Crystal structure of (E)-1,3-di(2,4,6-trimethoxyphenyl)-2-propen-1-one, C ₂₁ H ₂₄ O ₇ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2001, 216, . | 0.3 | 0 |
| 38 | Dinuclear organoplatinum(II)-methylphenylphosphine complexes of nicotinic acid. Journal of Organometallic Chemistry, 2000, 607, 222-226. | 1.8 | 12 |
| 39 | Characterisation and In Vitro Cytotoxicity of Triorganophosphinegold(I) 2-Mercaptobenzoate Complexes. Metal-Based Drugs, 1999, 6, 31-40. | 3.8 | 27 |
| 40 | THE SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF SOME TRIORGANOTIN(IV) COMPLEXES OF 5-(4-CHLOROPHENYLAZO) SALICYLIC ACID: CRYSTAL AND MOLECULAR STRUCTURE OF TRIPHENYL TIN 5-(4-CHLOROPHENYLAZO)SALICYLATE. Main Group Metal Chemistry, 1999, 22, . | 1.6 | 22 |
| 41 | A general method for the preparation of single pendant arm 2-hydroxyalkyl-1,4,7-triazacyclononane macrocycles. Journal of the Chemical Society Perkin Transactions 1, 1999, , 1211-1214. | 0.9 | 8 |
| 42 | Antiviral flavonoid from Pterocaulon sphacelatum, an Australian Aboriginal medicine. Journal of Ethnopharmacology, 1999, 68, 283-288. | 4.1 | 59 |
| 43 | The generation and synthetic applications of episulfone $\hat{\pm}$ -anions. Journal of the Chemical Society Perkin Transactions 1, 1996, , 661-667. | 0.9 | 11 |
| 44 | CRYSTAL AND MOLECULAR STRUCTURE OF AQUATRIPHENYL TIN 2-(3-FORMYL-4-HYDROXYPHENYLAZO)BENZOATE. Main Group Metal Chemistry, 1996, 19, . | 1.6 | 16 |
| 45 | Crystal structure of (3R*,4R*) 3-iodo-4-(4- $\hat{\pm}$ -methylbenzenesulfonyl)oxolane, C ₁₁ H ₁₃ O ₃ S. Zeitschrift Fur Kristallographie - Crystalline Materials, 1996, 211, 421-422. | 0.8 | 0 |
| 46 | Crystal structure of 3,3-dimethyl-1,5-dioxo-9-thiaspiro[5.5]-undecane-9-oxide, 9- <i>N</i> -[(4-methyl-benzenesulfonyl)imine], C ₁₇ H ₂₅ NO ₅ S ₂ . Zeitschrift Fur Kristallographie - Crystalline Materials, 1996, 211, 573-574. | 0.8 | 0 |
| 47 | Improved preparation of ($\hat{\pm}$)-(1,3/2,4)-5-cyclohexene-1,2,3,4-tetrol [($\hat{\pm}$)-conduritol-B] and its reaction with hydrobromic and hydrochloric acid; synthesis and characterisation of some ($\hat{\pm}$)-1-deoxy-1-halo- and ($\hat{\pm}$)-1,4-dideoxy-1,4-dihaloconduritols. Carbohydrate Research, 1994, 264, 147-153. | 2.3 | 30 |
| 48 | Isolation of episulfones from the Ramberg- $\hat{\pm}$ -B $\hat{\pm}$ cklund rearrangement. Part 2. X-Ray molecular structure of 2,3-epithio-8,8-dimethyl-6,10-dioxaspiro[4.5]decane S,S-dioxide and of r-6-benzyl-t-7,t-8-epithio-1,4-dioxaspiro[4.4]nonane S,S-dioxide. Journal of the Chemical Society Perkin Transactions 1, 1993, , 2317-2327. | 0.9 | 22 |
| 49 | The Isolation of Episulphones from the Ramberg-B $\hat{\pm}$ cklund Rearrangement; Part 31. Synlett, 1993, 1993, 660-662. | 1.8 | 16 |
| 50 | A new method for the synthesis of porphyrin- $\hat{\pm}$ -diones that is applicable to the synthesis of trans-annular extended porphyrin systems. Journal of the Chemical Society Chemical Communications, 1991, , 1567-1568. | 2.0 | 71 |
| 51 | A new and highly efficient synthesis of hydroxyporphyrins. Tetrahedron, 1987, 43, 4569-4577. | 1.9 | 57 |