

Piers Rj Gaffney

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,758
citations

516215

16
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

5348
citing authors

#	ARTICLE	IF	CITATIONS
1	Graft modification of polybenzimidazole membranes for organic solvent ultrafiltration with scale up to spiral wound modules. <i>Journal of Membrane Science</i> , 2022, 647, 120199.	4.1	8
2	The pH-dependence of lipid-mediated antimicrobial peptide resistance in a model staphylococcal plasma membrane: A two-for-one mechanism of epithelial defence circumvention. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 43-53.	1.9	9
3	Roll-to-roll dip coating of three different PIMs for Organic Solvent Nanofiltration. <i>Journal of Membrane Science</i> , 2018, 558, 52-63.	4.1	83
4	Beyond PEG2000: Synthesis and Functionalisation of Monodisperse PEGylated Homostars and Clickable Bivalent Polyethyleneglycols. <i>Chemistry - A European Journal</i> , 2014, 20, 10038-10051.	1.7	37
5	Iterative synthesis of monodisperse PEG homostars and linear heterobifunctional PEG. <i>Polymer Chemistry</i> , 2014, 5, 694-697.	1.9	37
6	Understanding the relative affinity and specificity of the pleckstrin homology domain of protein kinase B for inositol phosphates. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 929-936.	1.3	14
7	Lipid membrane curvature induced by distearoyl phosphatidylinositol 4-phosphate. <i>Soft Matter</i> , 2012, 8, 3090.	1.2	36
8	A theoretical investigation of inositol 1,3,4,5-tetrakisphosphate. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1070-1081.	1.3	9
9	Synthesis of 4-C-Alkyl Inositol 1,4,5-Trisphosphates and 1,3,4,5-Tetrakisphosphates. <i>Journal of Organic Chemistry</i> , 2010, 75, 4376-4386.	1.7	8
10	Synthesis of unsaturated phosphatidylinositol 4,5-bisphosphate and analogues. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4832.	1.5	8
11	Regioselective deprotection of orthobenzoates for the synthesis of inositol phosphates. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1709.	1.5	14
12	Efficient preparation of 4-methoxy-5,6-dihydro-2H-pyran. <i>Tetrahedron Letters</i> , 2008, 49, 1836-1838.	0.7	3
13	Protein Sulfenation as a Redox Sensor. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1473-1484.	2.5	177
14	Proteomic analysis of UVC irradiation-induced damage of plasma proteins: Serum amyloid P component as a major target of photolysis. <i>FEBS Letters</i> , 2006, 580, 3229-3236.	1.3	62
15	Proteomic analysis of redox- and ErbB2-dependent changes in mammary luminal epithelial cells using cysteine- and lysine-labelling two-dimensional difference gel electrophoresis. <i>Proteomics</i> , 2005, 5, 2908-2926.	1.3	100
16	Why Are Silyl Ethers Conformationally Different from Alkyl Ethers? Chair ² Chair Conformational Equilibria in Silyloxycyclohexanes and Their Dependence on the Substituents on Silicon. The Wider Roles of Eclipsing, of 1,3-Repulsive Steric Interactions, and of Attractive Steric Interactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 15163-15173.	6.6	58
17	Synthesis of Orthogonally Protected Lanthionines. <i>Journal of Organic Chemistry</i> , 2003, 68, 8185-8192.	1.7	31
18	Evaluation of Two-dimensional Differential Gel Electrophoresis for Proteomic Expression Analysis of a Model Breast Cancer Cell System. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 91-98.	2.5	255

#	ARTICLE	IF	CITATIONS
19	Structural and Biochemical Evaluation of the Interaction of the Phosphatidylinositol 3-Kinase p85 [±] Src Homology 2 Domains with Phosphoinositides and Inositol Polyphosphates. <i>Journal of Biological Chemistry</i> , 1999, 274, 15678-15685.	1.6	18
20	PDK1 acquires PDK2 activity in the presence of a synthetic peptide derived from the carboxyl terminus of PRK2. <i>Current Biology</i> , 1999, 9, 393-404.	1.8	434
21	Characterization of a 3-phosphoinositide-dependent protein kinase which phosphorylates and activates protein kinase B [±] . <i>Current Biology</i> , 1997, 7, 261-269.	1.8	2,612
22	3-Phosphoinositide-dependent protein kinase-1 (PDK1): structural and functional homology with the <i>Drosophila</i> DSTPK61 kinase. <i>Current Biology</i> , 1997, 7, 776-789.	1.8	691
23	Synthesis of 3,4,5-trisphosphate and its stereoisomers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 3171-3176.	1.0	32
24	Preparation of 2-O-Arachidonoyl-1-O-stearoyl-sn-glycerol and Other Di-O-Acyl Glycerol Derivatives. <i>Tetrahedron Letters</i> , 1997, 38, 2539-2542.	0.7	22