

Kirpal S Bisht

List of Publications by Year in descending order

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docs citations

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times ranked

2535
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#	ARTICLE	IF	CITATIONS
1	Synthesis, Quantification, and Characterization of Fatty Acid Amides from In Vitro and In Vivo Sources. <i>Molecules</i> , 2021, 26, 2543.	3.8	2
2	The Biosynthesis and Metabolism of the N-Acylated Aromatic Amino Acids: N-Acylphenylalanine, N-Acyltyrosine, N-Acyltryptophan, and N-Acylhistidine. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 801749.	3.5	3
3	Thiocyanation and 2-Amino-1,3-thiazole Formation in Water Using Recoverable and Reusable Glycosylated Resorcin[4]arene Cavitands. <i>Journal of Organic Chemistry</i> , 2020, 85, 9928-9935.	3.2	10
4	Lead removal by ThioOctolig. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 56, 1-4.	1.7	0
5	Synthesis of a novel resorcin[4]arene-glucose conjugate and its catalysis of the CuAAC reaction for the synthesis of 1,4-disubstituted 1,2,3-triazoles in water. <i>RSC Advances</i> , 2019, 9, 10109-10116.	3.6	17
6	Efforts to remove aqueous lithium ion using Octolig® and methylated derivatives. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 946-949.	1.7	2
7	Photopolymerization-based synthesis of iron oxide nanoparticle embedded PNIPAM nanogels for biomedical applications. <i>Drug Delivery</i> , 2017, 24, 1317-1324.	5.7	20
8	Spatially Directional Resorcin[4]arene Cavitand Glycoconjugates for Organic Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 6223-6227.	3.3	16
9	Multifold ring closing metathesis reactions in the formation of resorcin[4]arene cavitands. <i>RSC Advances</i> , 2015, 5, 25477-25484.	3.6	6
10	Influence of a resorcin[4]arene core structure on the spatial directionality of multi-arm poly(μ -caprolactone)s. <i>RSC Advances</i> , 2014, 4, 16864-16870.	3.6	14
11	The Jak2 Small Molecule Inhibitor, G6, Reduces the Tumorigenic Potential of T98G Glioblastoma Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2014, 9, e105568.	2.5	7
12	Protein Kinase C γ (PKC γ) Splice Variants Modulate Apoptosis Pathway in 3T3L1 Cells during Adipogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 26834-26846.	3.4	18
13	The Small Molecule Inhibitor G6 Significantly Reduces Bone Marrow Fibrosis and the Mutant Burden in a Mouse Model of Jak2-Mediated Myelofibrosis. <i>American Journal of Pathology</i> , 2012, 181, 858-865.	3.8	7
14	Identification of novel SAR properties of the Jak2 small molecule inhibitor G6: Significance of the para-hydroxyl orientation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1402-1407.	2.2	8
15	The Jak2 Inhibitor, G6, Alleviates Jak2-V617F-Mediated Myeloproliferative Neoplasia by Providing Significant Therapeutic Efficacy to the Bone Marrow. <i>Neoplasia</i> , 2011, 13, 1058-1068.	5.3	11
16	The Stilbenoid Tyrosine Kinase Inhibitor, G6, Suppresses Jak2-V617F-mediated Human Pathological Cell Growth in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2011, 286, 4280-4291.	3.4	15
17	Structure-Function Correlation of G6, a Novel Small Molecule Inhibitor of Jak2. <i>Journal of Biological Chemistry</i> , 2010, 285, 31399-31407.	3.4	11
18	Synthesis of Functional Polycarbonates from Renewable Resources. <i>ACS Symposium Series</i> , 2010, , 175-199.	0.5	3

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19	Iron(III) Complexes of Metal- ϵ -Binding Copolymers as Proficient Catalysts for Acid Hydrolysis of Phosphodiester and Oxidative DNA Cleavage – Insight into the Rational Design of Functional Metallopolymers. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1199-1207.	2.0	15
20	Identification of a novel inhibitor of JAK2 tyrosine kinase by structure-based virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3598-3601.	2.2	43
21	One-Shot Block Copolymerization of a Functional Seven-Membered Cyclic Carbonate Derived from l-Tartaric Acid with ϵ -Caprolactone. <i>Macromolecules</i> , 2009, 42, 2401-2410.	4.8	27
22	Spatially directional multiarm poly(ϵ -caprolactone) based on resorcin[4]arene cavitand core. <i>Chemical Communications</i> , 2009, , 1822-1824.	4.1	21
23	How Well Should the Active Site and the Specific Recognition Be Defined for Proficient Catalysis? – Effective and Cooperative Polyphenol/Catechol Oxidation and Oxidative DNA Cleavage by a Copper(II)- ϵ -Binding and π -Bonding Copolymer. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2584-2592.	2.0	8
24	Functionalized Polycarbonate Derived from Tartaric Acid: Enzymatic Ring-Opening Polymerization of a Seven-Membered Cyclic Carbonate. <i>Biomacromolecules</i> , 2008, 9, 2921-2928.	5.4	54
25	Synthesis of resorcin[4]arene cavitands by ring-closing metathesis. <i>Chemical Communications</i> , 2007, , 4901.	4.1	11
26	Pd(0) catalyzed intramolecular alkylation: stereoselective synthesis of furan and isoxazoline-2-oxide analogs. <i>Tetrahedron</i> , 2007, 63, 1116-1126.	1.9	27
27	Synthesis of glycolipid analogs via highly regioselective macrolactonization catalyzed by lipase. <i>Tetrahedron Letters</i> , 2006, 47, 8645-8649.	1.4	9
28	Effective heterogeneous hydrolysis of phosphodiester by pyridine-containing metallopolymers. <i>Inorganica Chimica Acta</i> , 2005, 358, 1247-1252.	2.4	19
29	Enantioenriched Substituted Polycaprolactones by Enzyme Catalysis. <i>ACS Symposium Series</i> , 2005, , 366-392.	0.5	2
30	Synthesis of polyhydroxy cavitands and intramolecular inclusion of their octaester derivatives. <i>Tetrahedron</i> , 2004, 60, 10859-10868.	1.9	13
31	Intramolecular inclusion in novel octaester cavitands. Electronic supplementary information (ESI) available: experimental; spectral data. See http://www.rsc.org/suppdata/cc/b3/b316498e/ . <i>Chemical Communications</i> , 2004, , 954.	4.1	11
32	Enantioselective Synthesis of Imperanene via Enzymatic Asymmetrization of an Intermediary 1,3-Diol. <i>Organic Letters</i> , 2004, 6, 3297-3300.	4.6	16
33	Lipase-catalyzed resolution of 4-aryl-substituted β -lactams: effect of substitution on the 4-aryl ring. <i>Tetrahedron</i> , 2003, 59, 9147-9160.	1.9	19
34	Enzyme-catalyzed regioselective transesterification of peracylated sophorolipids. <i>Tetrahedron</i> , 2003, 59, 7713-7724.	1.9	28
35	Solventless Enantioselective Ring-Opening Polymerization of Substituted ϵ -Caprolactones by Enzymatic Catalysis. <i>Macromolecules</i> , 2002, 35, 3380-3386.	4.8	86
36	Biocatalytic Synthesis of Novel Functional Polycarbonates. <i>ACS Symposium Series</i> , 2002, , 156-171.	0.5	1

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37	Lipase-catalyzed solvent-free kinetic resolution of substituted racemic ϵ -caprolactones. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 129-135.	1.8	23
38	One-step synthesis of polycarbonates bearing pendant carboxyl groups by lipase-catalyzed ring-opening polymerization. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1267-1274.	2.3	46
39	Synthesis of novel bis- and tris-(cyclic carbonate)s and their use in preparation of polymer networks. <i>Polymer</i> , 2002, 43, 2161-2167.	3.8	35
40	The Synthesis and Polymerization of Glycolipid-Based Monomers. <i>ACS Symposium Series</i> , 2001, , 222-239.	0.5	1
41	Enzyme-Catalyzed Ring-Opening Copolymerization of 5-Methyl-5-benzyloxycarbonyl-1,3-dioxan-2-one (MBC) with Trimethylene Carbonate (TMC): Synthesis and Characterization. <i>Biomacromolecules</i> , 2000, 1, 493-500.	5.4	94
42	Glycolipids from <i>Candida bombicola</i> : Polymerization of a 6-O-Acryloyl Sophorolipid Derivative. <i>Macromolecules</i> , 2000, 33, 6208-6210.	4.8	20
43	Review Article Number 138. <i>Phytochemistry</i> , 1999, 50, 1267-1304.	2.9	144
44	Novel Functional Polycarbonate by Lipase-Catalyzed Ring-Opening Polymerization of 5-Methyl-5-benzyloxycarbonyl-1,3-dioxan-2-one. <i>Macromolecules</i> , 1999, 32, 6536-6540.	4.8	131
45	Chemoenzymatic Synthesis of a Multiarm Poly(lactide-co- ϵ -caprolactone). <i>Macromolecules</i> , 1999, 32, 5159-5161.	4.8	59
46	Enzyme-Mediated Regioselective Acylations of Sophorolipids. <i>Journal of Organic Chemistry</i> , 1999, 64, 780-789.	3.2	102
47	Lipase-catalysed selective deacetylation of phenolic/enolic acetoxy groups in peracetylated benzyl phenyl ketones. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 109-118.	3.0	20
48	Ethyl Glucoside as a Multifunctional Initiator for Enzyme-Catalyzed Regioselective Lactone Ring-Opening Polymerization. <i>Journal of the American Chemical Society</i> , 1998, 120, 1363-1367.	13.7	141
49	Enzymatic Polymerization of Poly(ϵ -CL) Containing an Ethyl Glucopyranoside Head Group: An NMR Study. <i>Applied Spectroscopy</i> , 1998, 52, 1472-1478.	2.2	2
50	Enzyme-Catalyzed Ring-Opening Polymerization of ϵ -Pentadecalactone. <i>Macromolecules</i> , 1997, 30, 2705-2711.	4.8	187
51	Lipase-Catalyzed Ring-Opening Polymerization of Trimethylene Carbonate. <i>Macromolecules</i> , 1997, 30, 7735-7742.	4.8	156
52	Anti-invasive activity of alkaloids and polyphenolics in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 1609-1619.	3.0	52
53	Novel chemoselective de-esterification of esters of polyacetoxy aromatic acids by lipases. <i>Tetrahedron</i> , 1997, 53, 2163-2176.	1.9	47
54	Phytochemistry of the genus Piper. <i>Phytochemistry</i> , 1997, 46, 597-673.	2.9	709

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55	Schiff Bases of Amino Acid Esters as New Substrates for the Enantioselective Enzymatic Hydrolysis and Accompanied Asymmetric Transformations in Aqueous Organic Solvents ^{1,2} . <i>Journal of Organic Chemistry</i> , 1996, 61, 1223-1227.	3.2	48
56	Hydrolytic reactions on polyphenolic perpropanoates by porcine pancreatic lipase immobilized in microemulsion-based gels. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2269-2274.	2.2	10
57	Chemoprevention of carcinogen-DNA binding: the relative role of different oxygenated substituents on 4-methylcoumarins in the inhibition of aflatoxin B1-DNA binding in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 2225-2228.	3.0	23
58	Synthesis and X-Ray Structure of 2-(3-Methyl-2-butenyl)-3,4,5-trimethoxyphenol: a Potent Anti-Invasive Agent Against Solid Tumours.. <i>Acta Chemica Scandinavica</i> , 1996, 50, 558-560.	0.7	7
59	Methylenedioxyphenyl substituted compounds from Piper species as inhibitors of liver microsome-mediated aflatoxin B1-DNA binding in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 1567-1572.	2.2	7
60	A benzoic acid ester from <i>Uvaria narum</i> . <i>Phytochemistry</i> , 1995, 38, 951-955.	2.9	13
61	Neolignans and a lignan from <i>Piper clarkii</i> . <i>Phytochemistry</i> , 1995, 39, 655-658.	2.9	25
62	Neolignans from <i>Piper schmidtii</i> and Reassignment of the Structure of Schmiditin.. <i>Acta Chemica Scandinavica</i> , 1995, 49, 142-148.	0.7	14
63	Lignans and neolignans from stems of <i>Piper wightii</i> . <i>Tetrahedron</i> , 1994, 50, 10579-10586.	1.9	10
64	Highly oxygenated bioactive flavones from <i>Tamarix</i> . <i>Phytochemistry</i> , 1994, 36, 507-511.	2.9	35
65	Lignans and neolignans from stems and fruits of <i>Piper wightii</i> . <i>Tetrahedron</i> , 1994, 50, 2231-2240.	1.9	18
66	Biotransformations in the regioselective deacetylation of polyphenolic peracetates in organic solvents. <i>Bioorganic and Medicinal Chemistry</i> , 1994, 2, 1015-1020.	3.0	22
67	Benzofuranoid Neolignans from <i>Piper wightii</i> Miq... <i>Acta Chemica Scandinavica</i> , 1994, 48, 1007-1011.	0.7	12
68	Lignans and neolignans from <i>Piper schmidtii</i> . <i>Phytochemistry</i> , 1993, 32, 445-448.	2.9	39
69	Diastereo- and enantioselective esterification of butane-2,3-diol catalysed by the lipase from <i>pseudomonas fluorescens</i> .. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 957-958.	1.8	35
70	Regioselective enzyme-catalyzed deacetylation of benzyl phenyl ketone peracetates in organic solvents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 585-588.	2.2	23