

# Zoltan Berente

## List of Publications by Year in descending order

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42  
papers

1,773  
citations

471061

17  
h-index

276539

41  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decrease of the inflammatory response and induction of the Akt/protein kinase B pathway by poly-(ADP-ribose) polymerase 1 inhibitor in endotoxin-induced septic shock. <i>Biochemical Pharmacology</i> , 2003, 65, 1373-1382.	2.0	620
2	Effect of Poly(ADP-Ribose) Polymerase Inhibitors on the Ischemia-Reperfusion-Induced Oxidative Cell Damage and Mitochondrial Metabolism in Langendorff Heart Perfusion System. <i>Molecular Pharmacology</i> , 2001, 59, 1497-1505.	1.0	136
3	Regulation of Kinase Cascades and Transcription Factors by a Poly(ADP-Ribose) Polymerase-1 Inhibitor, 4-Hydroxyquinazoline, in Lipopolysaccharide-Induced Inflammation in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 247-255.	1.3	119
4	Inhibiting poly(ADP-ribose) polymerase: a potential therapy against oligodendrocyte death. <i>Brain</i> , 2010, 133, 822-834.	3.7	93
5	BGP-15 "a novel poly(ADP-ribose) polymerase inhibitor" protects against nephrotoxicity of cisplatin without compromising its antitumor activity. <i>Biochemical Pharmacology</i> , 2002, 63, 1099-1111.	2.0	92
6	The existence of biexponential signal decay in magnetic resonance diffusion-weighted imaging appears to be independent of compartmentalization. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 278-285.	1.9	76
7	Hydroxamic Acid Derivatives: Pleiotropic Hsp Co-Inducers Restoring Homeostasis and Robustness. <i>Current Pharmaceutical Design</i> , 2013, 19, 309-346.	0.9	61
8	BGP-15, a PARP-inhibitor, prevents imatinib-induced cardiotoxicity by activating Akt and suppressing JNK and p38 MAP kinases. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 129-137.	1.4	52
9	Behavioural alterations and morphological changes are attenuated by the lack of TRPA1 receptors in the cuprizone-induced demyelination model in mice. <i>Journal of Neuroimmunology</i> , 2018, 320, 1-10.	1.1	41
10	Palladium-Catalyzed Arylation of $\beta$ -Methylene- $\beta$ -butyrolactone: % 3-Benzylfuran-2(5H)-ones vs (Z)-Benzylidene- $\beta$ -butyrolactones and Their Reduction to 3-Benzyl- $\beta$ -butyrolactones. <i>Organic Letters</i> , 2000, 2, 69-72.	2.4	37
11	Facile Synthesis of Steroidal Phenyl Ketones via Homogeneous Catalytic Carbonylation. <i>Tetrahedron</i> , 2000, 56, 3415-3418.	1.0	34
12	Ferulaldehyde, a Water-Soluble Degradation Product of Polyphenols, Inhibits the Lipopolysaccharide-Induced Inflammatory Response in Mice. <i>Journal of Nutrition</i> , 2009, 139, 291-297.	1.3	34
13	Synthesis and examination of amine-cyanocarboxyboranes, the boron analogues of $\beta$ -cyanocarboxylic acids: X-ray structural study of the first lactam containing a boron atom in the lactam ring. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3567-3581.	0.8	33
14	In vivo brain edema classification: New insight offered by large b-value diffusion-weighted MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 26-31.	1.9	28
15	Palladium-Catalysed Vinylic Substitution of Aryl/Vinyl Iodides and Triflates with $\beta$ -Methylene- $\beta$ -butyrolactone " An Application to the Synthesis of 3-Alkyl- $\beta$ -Butyrolactones through Combined Palladium-Catalysed Coupling/Hydrogenation Reactions. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3165.	1.2	22
16	Combining benzo[d]isoseleazol-3-ones with sterically hindered alicyclic amines and nitroxides: enhanced activity as glutathione peroxidase mimics. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3564.	1.5	22
17	FACILE, HIGH-YIELDING SYNTHESIS OF STEROIDAL CROWN ETHERS VIA PALLADIUM-CATALYZED CARBONYLATION REACTION. <i>Synthetic Communications</i> , 2001, 31, 335-341.	1.1	20
18	In vivo water quantification in mouse brain at 9.4 Tesla in a vasogenic edema model. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 1246-1249.	1.9	17

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19	Facile ring opening of 2,3-epoxy-steroids with aromatic amines in ionic liquids. <i>Steroids</i> , 2006, 71, 706-711.	0.8	17
20	NMR investigation of platinum-diphosphine complexes in [BMIM][PF <sub>6</sub> ] ionic liquid. <i>Inorganica Chimica Acta</i> , 2003, 353, 301-305.	1.2	16
21	Highly Efficient Synthesis of Steroidal Hydroxamic Acid Derivatives via Homogeneous Catalytic Carbonylation Reaction. <i>Tetrahedron</i> , 2000, 56, 5253-5257.	1.0	15
22	Synthesis of 2-Substituted Pyrrolidine Nitroxide Radicals. <i>Synthesis</i> , 2000, 2000, 2039-2046.	1.2	15
23	2,2,5,5-Tetramethylpyrroline-Based Compounds in Prevention of Oxyradical-induced Myocardial Damage. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 854-867.	0.8	15
24	Synthesis, Characterization, and Bromine Substitution of Diamine Complexes of Carboxyborane and Methoxycarbonylborane. Diazaborane Rings Containing B-Carboxyl and B-Carboxylate Groups. <i>Inorganic Chemistry</i> , 1998, 37, 5131-5141.	1.9	14
25	Investigation of Cuprizone-Induced Demyelination in mGFP-Driven Conditional Transient Receptor Potential Ankyrin 1 (TRPA1) Receptor Knockout Mice. <i>Cells</i> , 2020, 9, 81.	1.8	12
26	Chiral Complexes of RhI Containing Binaphthalene-Core P,S-Heterobidentate Ligands: Synthesis, Characterization, and Catalytic Activity in Asymmetric Hydrogenation of $\alpha,\beta$ -Unsaturated Acids and Esters. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 556-561.	1.0	11
27	A Convenient High Yield Synthesis of the Methyl, Ethyl and Isopropyl Esters of Amine-Carboxyboranes and Amine-Bromocarboxyboranes. <i>Synthesis</i> , 1995, 1995, 191-194.	1.2	10
28	Synthesis of the first amine-dicarboxyboranes and their derivatives. <i>Chemical Communications</i> , 1997, 1799-1800.	2.2	10
29	Osmotic and diffusive properties of intracellular water in camel erythrocytes: Effect of hemoglobin crowdedness. <i>Cell Biology International</i> , 2005, 29, 731-736.	1.4	10
30	Novel $^{13}\text{C}$ - and $^{13}\text{D}$ -homo steroids: 17 $\alpha$ -carboxamido-d-homoestra-1,3,5(10),17-tetraene derivatives via palladium-catalyzed aminocarbonylations. <i>Steroids</i> , 2010, 75, 1075-1081.	0.8	10
31	Synthesis and characterization of some amine complexes of bromocarboxyboranes and bromo(methoxycarbonyl)boranes. <i>Journal of Organometallic Chemistry</i> , 1994, 484, 225-231.	0.8	9
32	Synthesis of Amine-dicyanohydroboranes, [Amine-bis(ethylnitrilium)hydroboron(2+)] Tetrafluoroborates, and Their Derivatives as Precursors of Amine-dicarboxyboranes. <i>Inorganic Chemistry</i> , 1999, 38, 5250-5256.	1.9	9
33	The formation of [PtCl(diphosphine-I)( $\beta$ -1-diphosphine-II)] <sup>+</sup> species in the N-butyl-N <sup>2</sup> -methylimidazolium hexafluorophosphate ionic liquid: An NMR study. <i>Journal of Coordination Chemistry</i> , 2005, 58, 869-874.	0.8	9
34	High-Yielding Aminocarbonylation of 3-Iodo-2-Tropene by Using Amino Acid Esters as N-Nucleophiles. <i>Letters in Organic Chemistry</i> , 2007, 4, 236-238.	0.2	9
35	Synthesis of Nitroxide-Annulated Carbocycles and Heterocycles. <i>Synthesis</i> , 2012, 44, 3655-3660.	1.2	9
36	Synthesis of amino-substituted pyridylglyoxylamides via palladium-catalysed aminocarbonylation. <i>Tetrahedron</i> , 2016, 72, 3063-3067.	1.0	9

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37	Synthesis of the first amine-cyanocarboxyboranes, isoelectronic analogues of $\alpha$ -cyanocarboxylic acids. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 300-301.	1.3	8
38	Syntheses of the First Amine-dicarboxyboranes and Their Bis(methylester) and Bis(N-ethylamide) Derivatives. <i>Inorganic Chemistry</i> , 2001, 40, 1770-1778.	1.9	7
39	Stress-Induced Microstructural Alterations Correlate With the Cognitive Performance of Rats: A Longitudinal in vivo Diffusion Tensor Imaging Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 474.	1.4	6
40	Effects of intra- and extracellular space properties on diffusion and T2 relaxation in a tissue model. <i>Magnetic Resonance Imaging</i> , 2009, 27, 279-284.	1.0	4
41	Synthesis of Ferrocenoyl L-Arginine Derivatives by Homogeneous Catalytic Carbonylation. <i>Synthetic Communications</i> , 2009, 39, 887-895.	1.1	2
42	Chiral Complexes of RhI Containing Binaphthalene-Core P,S-Heterobidentate Ligands - Synthesis, Characterization, and Catalytic Activity in Asymmetric Hydrogenation of $\alpha,\beta$ -Unsaturated Acids and Esters.. <i>ChemInform</i> , 2003, 34, no.	0.1	0