

Janos Sapi

List of Publications by Year in descending order

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72
papers

1,444
citations

257450

24
h-index

345221

36
g-index

87
all docs

87
docs citations

87
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple dual-mode centrifugal partition chromatography, a semi-continuous development mode for routine laboratory-scale purifications. <i>Journal of Chromatography A</i> , 2006, 1127, 45-51.	3.7	87
2	Palladium nanoparticles on carbon nanotubes as catalysts of cross-coupling reactions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8737.	10.3	77
3	First Suzuki–Miyaura type cross-coupling of ortho-azidobromobenzene with arylboronic acids and its application to the synthesis of fused aromatic indole-heterocycles. <i>Tetrahedron</i> , 2007, 63, 10320-10329.	1.9	70
4	Radical Smiles Rearrangement: An Update. <i>Molecules</i> , 2016, 21, 878.	3.8	69
5	Neutrophil Elastase as a Target in Lung Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 565-579.	1.7	63
6	A Convenient Synthesis of Conformationally Constrained β^2 -Substituted Tryptophans. <i>Tetrahedron</i> , 2000, 56, 5479-5492.	1.9	50
7	TiCl ₄ /Et ₃ N-Promoted Three-Component Condensation between Aromatic Heterocycles, Aldehydes, and Active Methylene Compounds. <i>Journal of Organic Chemistry</i> , 2008, 73, 6824-6827.	3.2	48
8	Diels-Alder Reaction of a 2-Vinyltryptamine: An Approach to the Echitamine Ring System. <i>Synlett</i> , 1992, 1992, 601-602.	1.8	47
9	Synthesis of two new heteroaromatic β^2 -carboline-fused pentacycles. observation of a new intercalating agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1767-1769.	2.2	44
10	First domino radical cyclisation/Smiles rearrangement combination. <i>Chemical Communications</i> , 2012, 48, 2442.	4.1	43
11	Structure–Activity Relationships of Benzenesulfonamide-Based Inhibitors towards Carbonic Anhydrase Isoform Specificity. <i>ChemBioChem</i> , 2017, 18, 213-222.	2.6	38
12	Introduction of the 4-(4-bromophenyl)benzenesulfonyl group to hydrazide analogs of Ilomastat leads to potent gelatinase B (MMP-9) inhibitors with improved selectivity. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8745-8759.	3.0	37
13	Synthesis of carbazoles by a balanced four component condensation. <i>Tetrahedron Letters</i> , 2004, 45, 1703-1707.	1.4	36
14	Multicomponent reactions studies: Yonemitsu-type trimolecular condensations promoted by Ti(IV) derivatives. <i>Tetrahedron</i> , 2010, 66, 3065-3069.	1.9	36
15	Condensation of β^2 -Diester Titanium Enolates with Carbonyl Substrates: A Combined DFT and Experimental Investigation. <i>Chemistry - A European Journal</i> , 2009, 15, 11537-11550.	3.3	35
16	Synthesis and biological evaluation of pyridazinone derivatives as potential anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 139-146.	5.5	35
17	Synthesis of vinca alkaloids and related compounds—XVI. <i>Tetrahedron</i> , 1983, 39, 3737-3747.	1.9	34
18	4-Arylbenzenesulfonamides as Human Carbonic Anhydrase Inhibitors (hCAIs): Synthesis by Pd Nanocatalyst-Mediated Suzuki–Miyaura Reaction, Enzyme Inhibition, and X-ray Crystallographic Studies. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 721-732.	6.4	33

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19	3-Cyanomethyl-2-vinylindoles as thermal indole-2,3-quinodimethane equivalents: synthesis of functionalized 1,2,3,4-tetrahydrocarbazoles. <i>Tetrahedron Letters</i> , 2002, 43, 7925-7928.	1.4	32
20	Synthesis and biological evaluation of novel 4,5-bis(dialkylaminoalkyl)-substituted acridines as potent telomeric G-quadruplex ligands. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3880-3888.	5.5	32
21	Synthesis of chiral 2 α ,3 α -pyranone(pyrrolidinone)-fused tryptamines. <i>Tetrahedron Letters</i> , 2003, 44, 221-223.	1.4	30
22	A general preparation of $\hat{1}^2$ -substituted tryptophan esters. <i>Tetrahedron Letters</i> , 1995, 36, 2057-2058.	1.4	27
23	Direct chiral separation of unnatural amino acids by high-performance liquid chromatography on a ristocetin a-bonded stationary phase. <i>Chirality</i> , 2001, 13, 648-656.	2.6	27
24	Diastereocontrolled multicomponent pathway to 3,4-heterocycle-annulated tetrahydro- $\hat{1}^2$ -carbolines. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1329-1339.	1.8	26
25	Synthesis of Substituted 1,2,3,4-Tetrahydro-1-thiacarbazole and Spiro[pyrrolidinone-3,3 α -indolinones] through a Common Intermediate Obtained by Condensation of Indolin-2-one, (Aryl)aldehydes, and Meldrum's Acid. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3481-3490.	2.4	21
26	Indirect high-performance liquid chromatographic separation of stereoisomers of $\hat{1}^2$ -alkyl-substituted amino acids by the application of (S)-N-(4-nitrophenoxycarbonyl)phenylalanine methoxyethyl ester as chiral derivatizing agent. <i>Journal of Chromatography A</i> , 2002, 949, 125-139.	3.7	20
27	Simultaneous presence of unsaturation and long alkyl chain at P1 α of Ilomastat confers selectivity for gelatinase A (MMP-2) over gelatinase B (MMP-9) inhibition as shown by molecular modelling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4753-4766.	3.0	20
28	Synthesis of 2-Vinyltryptamines. <i>Synthesis</i> , 1992, 1992, 383-386.	2.3	19
29	Stereochemically controlled syntheses of indole-substituted dihydrofuran-2-ones and a pyrrolidin-2-one. <i>Tetrahedron Letters</i> , 2000, 41, 9771-9775.	1.4	18
30	Multicomponent approach for the synthesis of non-natural tryptophan, tryptamine and $\hat{1}^2$ -carboline derivatives. <i>Comptes Rendus Chimie</i> , 2003, 6, 517-528.	0.5	17
31	Synthesis and biological evaluation of new penta- and heptacyclic indolo- and quinolinocarbazole ring systems obtained via Pd0 catalysed reductive N-heteroannulation. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4625.	2.8	17
32	A novel and convenient access to highly substituted spiro[pyrrolidinon-3,3 α -indoles]. <i>Tetrahedron Letters</i> , 2001, 42, 6291-6294.	1.4	15
33	A tandem radical cyclization approach to 3-(2-oxopyrrolidin-3-yl)indolin-2-ones, potential intermediates toward complex indole-heterocycles. <i>Tetrahedron Letters</i> , 2008, 49, 1066-1070.	1.4	15
34	Indole as a tool in synthesis. Indolenine approach to 4,5-epoxy-10-normorphinans. <i>Tetrahedron</i> , 1996, 52, 8209-8222.	1.9	13
35	Diastereoselective trimolecular condensation between indole, Meldrum's acid and chiral sugar-derived aldehydes. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 208-215.	1.8	13
36	5-Arylisothiazol-3(2H)-one-1,(1)-(di)oxides: A new class of selective tumor-associated carbonic anhydrases (hCA IX and XII) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 175, 40-48.	5.5	13

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37	The NC1 domain of type XIX collagen inhibits melanoma cell migration. <i>European Journal of Dermatology</i> , 2010, 20, 712-8.	0.6	13
38	Control of Melanoma Invasiveness by Anticollagenolytic Agents: A Reappraisal of an Old Concept. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 576-597.	1.7	12
39	Synthesis of vinca alkaloids and related compounds XLII. <i>Tetrahedron</i> , 1988, 44, 4619-4629.	1.9	11
40	Yonemitsu-type condensations catalysed by proline and Eu(OTf) ₃ . <i>RSC Advances</i> , 2014, 4, 47992-47999.	3.6	11
41	Sulfonamide carbonic anhydrase inhibitors: Zinc coordination and tail effects influence inhibitory efficacy and selectivity for different isoforms. <i>Inorganica Chimica Acta</i> , 2018, 470, 128-132.	2.4	11
42	Inhibition of human leukocyte elastase, plasmin and matrix metalloproteinases by oleic acid and oleoyl-galardin derivative(s). <i>Biochemical Pharmacology</i> , 2011, 81, 626-635.	4.4	10
43	Synthesis of new biologically active isothiazolo[4,5-b]carbazole-type tetracyclic derivatives via an indole-2,3-quinodimethane approach. <i>Tetrahedron</i> , 2014, 70, 8286-8302.	1.9	10
44	Pyridazinone derivatives as potential anti-inflammatory agents: synthesis and biological evaluation as PDE4 inhibitors. <i>RSC Medicinal Chemistry</i> , 2021, 12, 584-592.	3.9	10
45	Design, Synthesis, and Use of MMP-2 Inhibitor-Conjugated Quantum Dots in Functional Biochemical Assays. <i>Bioconjugate Chemistry</i> , 2016, 27, 1067-1081.	3.6	9
46	A Convenient Preparation of α -Acetamido Substituted Tryptamine Derivatives. <i>Monatshefte für Chemie</i> , 2003, 134, 1641-1649.	1.8	8
47	TiCl ₄ -promoted condensation of methyl acetoacetate, isobutyraldehyde, and indole: a theoretical and experimental study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8964-8972.	2.8	8
48	Practical Syntheses of Functionalized 1-Oxo-L,2,3,4-Tetrahydro- β -carboline-3-carboxylic Acid Esters. <i>Synthetic Communications</i> , 1996, 26, 1711-1719.	2.1	7
49	Synthesis of Vinca Alkaloids and Related Compounds, XXII. Some Chemical Transformations of 15 α -Oxovincamone. <i>Liebigs Annalen Der Chemie</i> , 1985, 1985, 1794-1803.	0.8	6
50	Cytotoxic Bis-3,4-dihydro- β -carboline and Bis- β -carboline. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2002, 17, 369-374.	5.2	6
51	A New Approach to the Synthesis of N-Alkylated 2-Substituted Azetidin-3-ones. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2440-2445.	2.4	6
52	Synthesis of vinca alkaloids and related compounds XVIII. <i>Tetrahedron</i> , 1983, 39, 3749-3753.	1.9	5
53	Diastereomer Interconversion via Enolization: A Case Study. <i>Chirality</i> , 2015, 27, 779-783.	2.6	5
54	Selection of the Optimal Chromatography Medium for Purification of Quantum Dots and Their Bioconjugates. <i>Chemistry of Materials</i> , 2020, 32, 9078-9089.	6.7	5

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55	Synthesis of <i>Vinca</i> alkaloids and related compounds, LIV. Synthesis of (±)-deethylvincamines, (Deethyl)-deethylapovincamines, and their 10-bromo derivatives. <i>Liebigs Annalen Der Chemie</i> , 1990, 1133-1136.	0.8	4
56	Title is missing!. <i>Monatshefte Für Chemie</i> , 2002, 133, 151-156.	1.8	4
57	Multifunctional Nanoprobes for Cancer Cell Targeting, Imaging and Anticancer Drug Delivery. <i>Physics Procedia</i> , 2015, 73, 216-220.	1.2	4
58	Inhibition of Recruitment and Activation of Neutrophils by Pyridazinone-Scaffold-Based Compounds. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7226.	4.1	4
59	Computational insight into the thermal reactivity of N-methyl-3-cyanomethyl-2-vinylindole. Competition between two pericyclic reactions. <i>Tetrahedron</i> , 2004, 60, 6005-6014.	1.9	3
60	Photochemical Aryl Radical Cyclizations to Give (E)-3-Ylideneoxindoles. <i>Molecules</i> , 2014, 19, 15891-15899.	3.8	3
61	Unexpected effect of cyclodepsipeptides bearing a sulfonylhydrazide moiety towards histone deacetylase activity. <i>Bioorganic Chemistry</i> , 2018, 81, 222-233.	4.1	3
62	N-Arylsulfonyl-2-vinyltryptamines as new 5-HT ₆ serotonin receptor Ligands. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 251-260.	5.2	2
63	Cyclopropyl-tryptamine Analogues: Synthesis and Biological Evaluation as 5-HT ₆ Receptor Ligands. <i>ChemMedChem</i> , 2013, 8, 70-73.	3.2	2
64	Pyridazinone Derivatives Limit Osteosarcoma-Cells Growth In Vitro and In Vivo. <i>Cancers</i> , 2021, 13, 5992.	3.7	2
65	Synthesis of Vinca Alkaloids and Related Compounds, XXXVI. A Simple Synthesis of Some <i>D</i> -Noreburnamenine Derivatives. <i>Liebigs Annalen Der Chemie</i> , 1987, 1987, 745-749.	0.8	1
66	Synthesis of New Cyclopropanated Tryptamine Analogues. <i>Synlett</i> , 2008, 2008, 1479-1482.	1.8	1
67	Pharmacomodulation of Broad Spectrum Matrix Metalloproteinase Inhibitors Towards Regulation of Gelatinases. , 2012, , .		1
68	3-Cyanomethyl-2-vinylindoles as Thermal Indole-2,3-quinodimethane Equivalents: Synthesis of Functionalized 1,2,3,4-Tetrahydrocarbazoles.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
69	A Convenient Preparation of ¹² -Acetamido Substituted Tryptamine Derivatives.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
70	Multicomponent Approach for the Synthesis of Non-Natural Tryptophan, Tryptamine and ¹² -Carboline Derivatives. <i>ChemInform</i> , 2004, 35, no.	0.0	0
71	The Total Synthesis of Trugapeptin A. <i>Synlett</i> , 2010, 2010, 399-402.	1.8	0
72	Conjugates of Ultrasmall Quantum Dots and Acridine Derivatives as Prospective Nanoprobes for Intracellular Investigations. <i>Nanomaterials</i> , 2021, 11, 2160.	4.1	0