Janos Sapi

List of Publications by Year
in descending order

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	Inhibition of Recruitment and Activation of Neutrophils by Pyridazinone-Scaffold-Based Compounds. International Journal of Molecular Sciences, 2022, 23, 7226.	4.1	4
2	Pyridazinone derivatives as potential anti-inflammatory agents: synthesis and biological evaluation as PDE4 inhibitors. RSC Medicinal Chemistry, 2021, 12, 584-592.	3.9	10
3	Conjugates of Ultrasmall Quantum Dots and Acridine Derivatives as Prospective Nanoprobes for Intracellular Investigations. Nanomaterials, 2021, 11, 2160.	4.1	0
4	Pyridazinone Derivatives Limit Osteosarcoma-Cells Growth In Vitro and In Vivo. Cancers, 2021, 13, 5992.	3.7	2
5	Selection of the Optimal Chromatography Medium for Purification of Quantum Dots and Their Bioconjugates. Chemistry of Materials, 2020, 32, 9078-9089.	6.7	5
6	5-Arylisothiazol-3(2H)-one-1,(1)-(di)oxides: A new class of selective tumor-associated carbonic anhydrases (hCA IX and XII) inhibitors. European Journal of Medicinal Chemistry, 2019, 175, 40-48.	5.5	13
7	Synthesis and biological evaluation of pyridazinone derivatives as potential anti-inflammatory agents. European Journal of Medicinal Chemistry, 2018, 146, 139-146.	5.5	35
8	Sulfonamide carbonic anhydrase inhibitors: Zinc coordination and tail effects influence inhibitory efficacy and selectivity for different isoforms. Inorganica Chimica Acta, 2018, 470, 128-132.	2.4	11
9	Unexpected effect of cyclodepsipeptides bearing a sulfonylhydrazide moiety towards histone deacetylase activity. Bioorganic Chemistry, 2018, 81, 222-233.	4.1	3
10	Structureâ€“Activity Relationships of Benzenesulfonamideâ€Based Inhibitors towards Carbonic Anhydrase Isoform Specificity. ChemBioChem, 2017, 18, 213-222.	2.6	38
11	Radical Smiles Rearrangement: An Update. Molecules, 2016, 21, 878.	3.8	69
12	4-Arylbenzenesulfonamides as Human Carbonic Anhydrase Inhibitors (hCAIs): Synthesis by Pd Nanocatalyst-Mediated Suzukiâ€“Miyaura Reaction, Enzyme Inhibition, and X-ray Crystallographic Studies. Journal of Medicinal Chemistry, 2016, 59, 721-732.	6.4	33
13	Design, Synthesis, and Use of MMP-2 Inhibitor-Conjugated Quantum Dots in Functional Biochemical Assays. Bioconjugate Chemistry, 2016, 27, 1067-1081.	3.6	9
14	Diastereomer Interconversion via Enolization: A Case Study. Chirality, 2015, 27, 779-783.	2.6	5
15	TiCl₄-promoted condensation of methyl acetoacetate, isobutyraldehyde, and indole: a theoretical and experimental study. Physical Chemistry Chemical Physics, 2015, 17, 8964-8972.	2.8	8
16	Multifunctional Nanoprobes for Cancer Cell Targeting, Imaging and Anticancer Drug Delivery. Physics Procedia, 2015, 73, 216-220.	1.2	4
17	Photochemical Aryl Radical Cyclizations to Give (E)-3-Ylideneoxindoles. Molecules, 2014, 19, 15891-15899.	3.8	3
18	Yonemitsu-type condensations catalysed by proline and Eu(OTf)3. RSC Advances, 2014, 4, 47992-47999.	3.6	11

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19	Synthesis of new biologically active isothiazolo[4,5-b]carbazole-type tetracyclic derivatives via an indole-2,3-quinodimethane approach. Tetrahedron, 2014, 70, 8286-8302.	1.9	10
20	Palladium nanoparticles on carbon nanotubes as catalysts of cross-coupling reactions. Journal of Materials Chemistry A, 2013, 1, 8737.	10.3	77
21	Cyclopropylâ€tryptamine Analogues: Synthesis and Biological Evaluation as 5â€HT₆ Receptor Ligands. ChemMedChem, 2013, 8, 70-73.	3.2	2
22	Neutrophil Elastase as a Target in Lung Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 565-579.	1.7	63
23	First domino radical cyclisation/Smiles rearrangement combination. Chemical Communications, 2012, 48, 2442.	4.1	43
24	Pharmacomodulation of Broad Spectrum Matrix Metalloproteinase Inhibitors Towards Regulation of Gelatinases. , 2012, , .		1
25	Inhibition of human leukocyte elastase, plasmin and matrix metalloproteinases by oleic acid and oleoyl-galardin derivative(s). Biochemical Pharmacology, 2011, 81, 626-635.	4.4	10
26	Multicomponent reactions studies: Yonemitsu-type trimolecular condensations promoted by Ti(IV) derivatives. Tetrahedron, 2010, 66, 3065-3069.	1.9	36
27	Diastereoselective trimolecular condensation between indole, Meldrumâ€™s acid and chiral sugar-derived aldehydes. Tetrahedron: Asymmetry, 2010, 21, 208-215.	1.8	13
28	The Total Synthesis of Trungapeptin A. Synlett, 2010, 2010, 399-402.	1.8	0
29	Synthesis and biological evaluation of new penta- and heptacyclic indolo- and quinolinocarbazole ring systems obtained via Pd0 catalysed reductive N-heteroannulation. Organic and Biomolecular Chemistry, 2010, 8, 4625.	2.8	17
30	The NC1 domain of type XIX collagen inhibits melanoma cell migration. European Journal of Dermatology, 2010, 20, 712-8.	0.6	13
31	Control of Melanoma Invasiveness by Anticollagenolytic Agents: A Reappraisal of an Old Concept. Anti-Cancer Agents in Medicinal Chemistry, 2009, 9, 576-597.	1.7	12
32	Condensation of Î²â€Diester Titanium Enolates with Carbonyl Substrates: A Combined DFT and Experimental Investigation. Chemistry - A European Journal, 2009, 15, 11537-11550.	3.3	35
33	Synthesis and biological evaluation of novel 4,5-bis(dialkylaminoalkyl)-substituted acridines as potent telomeric G-quadruplex ligands. European Journal of Medicinal Chemistry, 2009, 44, 3880-3888.	5.5	32
34	Introduction of the 4-(4-bromophenyl)benzenesulfonyl group to hydrazide analogs of Ilomastat leads to potent gelatinase B (MMP-9) inhibitors with improved selectivity. Bioorganic and Medicinal Chemistry, 2008, 16, 8745-8759.	3.0	37
35	A tandem radical cyclization approach to 3-(2-oxopyrrolidin-3-yl)indolin-2-ones, potential intermediates toward complex indole-heterocycles. Tetrahedron Letters, 2008, 49, 1066-1070.	1.4	15
36	TiCl4/Et3N-Promoted Three-Component Condensation between Aromatic Heterocycles, Aldehydes, and Active Methylene Compounds. Journal of Organic Chemistry, 2008, 73, 6824-6827.	3.2	48

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37	Synthesis of New Cyclopropanated Tryptamine Analogues. Synlett, 2008, 2008, 1479-1482.	1.8	1
38	First Suzukiâ€“Miyaura type cross-coupling of ortho-azidobromobenzene with arylboronic acids and its application to the synthesis of fused aromatic indole-heterocycles. Tetrahedron, 2007, 63, 10320-10329.	1.9	70
39	Simultaneous presence of unsaturation and long alkyl chain at P1â€² of Ilomastat confers selectivity for gelatinase A (MMP-2) over gelatinase B (MMP-9) inhibition as shown by molecular modelling studies. Bioorganic and Medicinal Chemistry, 2007, 15, 4753-4766.	3.0	20
40	Multiple dual-mode centrifugal partition chromatography, a semi-continuous development mode for routine laboratory-scale purifications. Journal of Chromatography A, 2006, 1127, 45-51.	3.7	87
41	A New Approach to the Synthesis ofN-Alkylated 2-Substituted Azetidin-3-ones. European Journal of Organic Chemistry, 2006, 2006, 2440-2445.	2.4	6
42	N-Arylsulfonyl-2-vinyltryptamines as new 5-HT6 serotonin receptor Ligands. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 251-260.	5.2	2
43	Diastereocontrolled multicomponent pathway to 3,4-heterocycle-annulated tetrahydro-Î²-carbolines. Tetrahedron: Asymmetry, 2005, 16, 1329-1339.	1.8	26
44	A Convenient Preparation of Î²-Acetamido Substituted Tryptamine Derivatives.. ChemInform, 2004, 35, no.	0.0	0
45	Multicomponent Approach for the Synthesis of Non-Natural Tryptophan, Tryptamine and Î²-Carboline Derivatives. ChemInform, 2004, 35, no.	0.0	0
46	Synthesis of carbazoles by a balanced four component condensation. Tetrahedron Letters, 2004, 45, 1703-1707.	1.4	36
47	Computational insight into the thermal reactivity of N-methyl-3-cyanomethyl-2-vinylindole. Competition between two pericyclic reactions. Tetrahedron, 2004, 60, 6005-6014.	1.9	3
48	A Convenient Preparation of ?-Acetamido Substituted Tryptamine Derivatives. Monatshefte FÃ¼r Chemie, 2003, 134, 1641-1649.	1.8	8
49	3-Cyanomethyl-2-vinylindoles as Thermal Indole-2,3-quinodimethane Equivalents: Synthesis of Functionalized 1,2,3,4-Tetrahydrocarbazoles.. ChemInform, 2003, 34, no.	0.0	0
50	Synthesis of chiral 2â€²,3â€²-pyranone(pyrrolidinone)-fused tryptamines. Tetrahedron Letters, 2003, 44, 221-223.	1.4	30
51	Multicomponent approach for the synthesis of non-natural tryptophan, tryptamine and Î²-carboline derivatives. Comptes Rendus Chimie, 2003, 6, 517-528.	0.5	17
52	Cytotoxic Bis-3,4-dihydro-Î²-carbolines and Bis-Î²-carbolines. Journal of Enzyme Inhibition and Medicinal Chemistry, 2002, 17, 369-374.	5.2	6
53	Synthesis of Substituted 1,2,3,4-Tetrahydro-1-thiacarbazole and Spiro[pyrrolidinone-3,3â€²-indolinones] through a Common Intermediate Obtained by Condensation of Indolin-2-one, (Aryl)aldehydes, and Meldrum's Acid. European Journal of Organic Chemistry, 2002, 2002, 3481-3490.	2.4	21
54	Title is missing!. Monatshefte FÃ¼r Chemie, 2002, 133, 151-156.	1.8	4

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55	3-Cyanomethyl-2-vinylindoles as thermal indole-2,3-quinodimethane equivalents: synthesis of functionalized 1,2,3,4-tetrahydrocarbazoles. Tetrahedron Letters, 2002, 43, 7925-7928.	1.4	32
56	Indirect high-performance liquid chromatographic separation of stereoisomers of Î²-alkyl-substituted amino acids by the application of (S)-N-(4-nitrophenoxycarbonyl)phenylalanine methoxyethyl ester as chiral derivatizing agent. Journal of Chromatography A, 2002, 949, 125-139.	3.7	20
57	A novel and convenient access to highly substituted spiro[pyrrolidinon-3,3â€²-indoles]. Tetrahedron Letters, 2001, 42, 6291-6294.	1.4	15
58	Direct chiral separation of unnatural amino acids by high-performance liquid chromatography on a ristocetin a-bonded stationary phase. Chirality, 2001, 13, 648-656.	2.6	27
59	A Convenient Synthesis of Conformationally Constrained Î²-Substituted Tryptophans. Tetrahedron, 2000, 56, 5479-5492.	1.9	50
60	Stereochemically controlled syntheses of indole-substituted dihydrofuran-2-ones and a pyrrolidin-2-one. Tetrahedron Letters, 2000, 41, 9771-9775.	1.4	18
61	Synthesis of two new heteroaromatic Î²-carboline-fused pentacycles. observation of a new intercalating agent. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1767-1769.	2.2	44
62	Indole as a tool in synthesis. Indolenine approach to 4,5-epoxy-10-normorphinans. Tetrahedron, 1996, 52, 8209-8222.	1.9	13
63	Practical Syntheses of Functionalized 1-Oxo-L,2,3,4-Tetrahydro-Î²-carboline-3-carboxylic Acid Esters. Synthetic Communications, 1996, 26, 1711-1719.	2.1	7
64	A general preparation of Î²-substituted tryptophan esters. Tetrahedron Letters, 1995, 36, 2057-2058.	1.4	27
65	Diels-Alder Reaction of a 2-Vinyltryptamine: An Approach to the Echitamine Ring System. Synlett, 1992, 1992, 601-602.	1.8	47
66	Synthesis of 2-Vinyltryptamines. Synthesis, 1992, 1992, 383-386.	2.3	19
67	Synthesis of Vinca alkaloids and related compounds, LIV. Synthesis of (Â±)â€16â€deethylâ€vincamines, (Deethyl)â€16â€deethylâ€apovincamines, and their 10â€bromo derivatives. Liebigs Annalen Der Chemie, 1990, 1990, 1133-1136.	0.8	4
68	Synthesis of vinca alkaloids and related compounds XLII. Tetrahedron, 1988, 44, 4619-4629.	1.9	11
69	Synthesis of Vinca Alkaloids and Related Compounds, XXXVI. A Simple Synthesis of Some <scp>D</scp>â€Noreburnamenine Derivatives. Liebigs Annalen Der Chemie, 1987, 1987, 745-749.	0.8	1
70	Synthesis of Vinca Alkaloids and Related Compounds, XXII. Some Chemical Transformations of 15â€Oxovincamone. Liebigs Annalen Der Chemie, 1985, 1985, 1794-1803.	0.8	6
71	Synthesis of vinca alkaloids and related compoundsâ€”XVII. Tetrahedron, 1983, 39, 3749-3753.	1.9	5
72	Synthesis of vinca alkaloids and related compoundsâ€”XVI. Tetrahedron, 1983, 39, 3737-3747.	1.9	34