Peter Kollar

List of Publications by Year
in descending order

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Version: 2024-02-01

52 papers	1,452 citations	236925 25 h-index	330143 37 g-index
52 all docs	52 docs citations	52 times ranked	1621 citing authors

#	Article	IF	Citations
1	Antistaphylococcal Activities and ADME-Related Properties of Chlorinated Arylcarbamoylnaphthalenylcarbamates. Pharmaceuticals, 2022, 15, 715.	3.8	3
2	Antiproliferative and cytotoxic activities of C-Geranylated flavonoids from Paulownia tomentosa Steud. Fruit. Bioorganic Chemistry, 2021, 111, 104797.	4.1	6
3	Distribution of Sulfate-Reducing Bacteria in the Environment: Cryopreservation Techniques and Their Potential Storage Application. Processes, 2021, 9, 1843.	2.8	6
4	Ring-Substituted 1-Hydroxynaphthalene-2-Carboxanilides Inhibit Proliferation and Trigger Mitochondria-Mediated Apoptosis. International Journal of Molecular Sciences, 2020, 21, 3416.	4.1	10
5	Recent Advances in Metabolic Pathways of Sulfate Reduction in Intestinal Bacteria. Cells, 2020, 9, 698.	4.1	95
6	Dibasic Derivatives of Phenylcarbamic Acid as Prospective Antibacterial Agents Interacting with Cytoplasmic Membrane. Antibiotics, 2020, 9, 64.	3.7	5
7	Analysis of physiological parameters of Desulfovibrio strains from individuals with colitis. Open Life Sciences, 2019, 13, 481-488.	1.4	45
8	Hydrogen Sulfide as a Toxic Product in the Smallâ€“Large Intestine Axis and its Role in IBD Development. Journal of Clinical Medicine, 2019, 8, 1054.	2.4	59
9	Bioactivity of Methoxylated and Methylated 1-Hydroxynaphthalene-2-Carboxanilides: Comparative Molecular Surface Analysis. Molecules, 2019, 24, 2991.	3.8	13
10	Effect of selected 8-hydroxyquinoline-2-carboxanilides on viability and sulfate metabolism of Desulfovibrio piger. Journal of Applied Biomedicine, 2018, 16, 241-246.	1.7	32
11	Activity of ring-substituted 8-hydroxyquinoline-2-carboxanilides against intestinal sulfate-reducing bacteria Desulfovibrio piger. Medicinal Chemistry Research, 2018, 27, 278-284.	2.4	33
12	Cross-correlation analysis of the Desulfovibrio growth parameters of intestinal species isolated from people with colitis. Biologia (Poland), 2018, 73, 1137-1143.	1.5	30
13	In vitro activity of salicylamide derivatives against vancomycin-resistant enterococci. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2184-2188.	2.2	8
14	Synthesis and Spectrum of Biological Activities of Novel N-arylcinnamamides. International Journal of Molecular Sciences, 2018, 19, 2318.	4.1	29
15	Synthesis and Profiling of a Novel Potent Selective Inhibitor of CHK1 Kinase Possessing Unusual N-trifluoromethylpyrazole Pharmacophore Resistant to Metabolic N-dealkylation. Molecular Cancer Therapeutics, 2017, 16, 1831-1842.	4.1	17
16	Synthesis and In Vitro Antimycobacterial Activity of Novel N-Arylpiperazines Containing an Ethane-1,2-diyl Connecting Chain. Molecules, 2017, 22, 2100.	3.8	9
17	Proline-Based Carbamates as Cholinesterase Inhibitors. Molecules, 2017, 22, 1969.	3.8	17
18	N-Alkoxyphenylhydroxynaphthalenecarboxamides and Their Antimycobacterial Activity. Molecules, 2016, 21, 1068.	3.8	25

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19	Antiproliferative and Pro-Apoptotic Effect of Novel Nitro-Substituted Hydroxynaphthanilides on Human Cancer Cell Lines. International Journal of Molecular Sciences, 2016, 17, 1219.	4.1	32
20	The Chemical Composition of Achillea wilhelmsii C. Koch and Its Desirable Effects on Hyperglycemia, Inflammatory Mediators and Hypercholesterolemia as Risk Factors for Cardiometabolic Disease. Molecules, 2016, 21, 404.	3.8	23
21	Synthesis and Antimicrobial Evaluation of 1-[(2-Substituted phenyl)carbamoyl]naphthalen-2-yl Carbamates. Molecules, 2016, 21, 1189.	3.8	10
22	Assessment of Chemical Impact of Invasive Bryozoan Pectinatella magnifica on the Environment: Cytotoxicity and Antimicrobial Activity of P. magnifica Extracts. Molecules, 2016, 21, 1476.	3.8	4
23	Antimicrobial effect of salicylamide derivatives against intestinal sulfate-reducing bacteria. Journal of Applied Biomedicine, 2016, 14, 125-130.	1.7	39
24	Synthesis and Biological Evaluation of N-Alkoxyphenyl-3-hydroxynaphthalene-2-carboxanilides. Molecules, 2015, 20, 9767-9787.	3.8	32
25	Flavonoid 4â€²-O-Methylkuwanon E fromMorus albaInduces the Differentiation of THP-1 Human Leukemia Cells. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	1.2	1
26	Ring-substituted 8-hydroxyquinoline-2-carboxanilides as potential antimycobacterial agents. Bioorganic and Medicinal Chemistry, 2015, 23, 4188-4196.	3.0	30
27	Synthesis and antimycobacterial properties of ring-substituted 6-hydroxynaphthalene-2-carboxanilides. Bioorganic and Medicinal Chemistry, 2015, 23, 2035-2043.	3.0	41
28	Activity of selected salicylamides against intestinal sulfate-reducing bacteria. Neuroendocrinology Letters, 2015, 36 Suppl 1, 106-13.	0.2	21
29	Preparation and Biological Properties of Ring-Substituted Naphthalene-1-Carboxanilides. Molecules, 2014, 19, 10386-10409.	3.8	20
30	Marine natural products: Bryostatins in preclinical and clinical studies. Pharmaceutical Biology, 2014, 52, 237-242.	2.9	86
31	Antimycobacterial and herbicidal activity of ring-substituted 1-hydroxynaphthalene-2-carboxanilides. Bioorganic and Medicinal Chemistry, 2013, 21, 6531-6541.	3.0	56
32	Prenylated Flavonoids fromMorus albaL. Cause Inhibition of G1/S Transition in THP-1 Human Leukemia Cells and Prevent the Lipopolysaccharide-Induced Inflammatory Response. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	1.2	16
33	Synthesis and Biological Evaluation of 2-Hydroxy-3-[(2-aryloxyethyl)amino]propyl 4-[(Alkoxycarbonyl)amino]benzoates. Scientific World Journal, The, 2013, 2013, 1-13.	2.1	15
34	Antibacterial and Herbicidal Activity of Ring-Substituted 3-Hydroxynaphthalene-2-carboxanilides. Molecules, 2013, 18, 7977-7997.	3.8	41
35	Antibacterial and Herbicidal Activity of Ring-Substituted 2-Hydroxynaphthalene-1-carboxanilides. Molecules, 2013, 18, 9397-9419.	3.8	38
36	Antimycobacterial and Photosynthetic Electron Transport Inhibiting Activity of Ring-Substituted 4-Arylamino-7-Chloroquinolinium Chlorides. Molecules, 2013, 18, 10648-10670.	3.8	8

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37	Investigating the Spectrum of Biological Activity of Substituted Quinoline-2-Carboxamides and Their Isosteres. Molecules, 2012, 17, 613-644.	3.8	50
38	Investigation of sanguinarine and chelerythrine effects on LPS-induced inflammatory gene expression in THP-1 cell line. Phytomedicine, 2012, 19, 890-895.	5.3	42
39	Anti-infective and herbicidal activity of N-substituted 2-aminobenzothiazoles. Bioorganic and Medicinal Chemistry, 2012, 20, 7059-7068.	3.0	46
40	Natural Compound Cudraflavone B Shows Promising Anti-inflammatory Properties in Vitro. Journal of Natural Products, 2011, 74, 614-619.	3.0	46
41	Cytotoxicity and effects on inflammatory response of modified types of cellulose in macrophage-like THP-1 cells. International Immunopharmacology, 2011, 11, 997-1001.	3.8	42
42	Geranylated flavanone tomentodiplacone B inhibits proliferation of human monocytic leukaemia (THPâ€1) cells. British Journal of Pharmacology, 2011, 162, 1534-1541.	5.4	26
43	A population-based case control study of congenital abnormalities and medication use during pregnancy using the Czech National Register of congenital abnormalities. Open Medicine (Poland), 2011, 6, 435-441.	1.3	0
44	Cytotoxic Activities of Several Geranyl-Substituted Flavanones. Journal of Natural Products, 2010, 73, 568-572.	3.0	65
45	Effect of solvent on cytotoxicity and bioavailability of fatty acids. Immunopharmacology and Immunotoxicology, 2010, 32, 462-465.	2.4	6
46	Determination of serum zinc-alpha-2-glycoprotein in patients with metabolic syndrome by a new ELISA. Clinical Biochemistry, 2008, 41, 313-316.	1.9	50
47	Lipolytic and Hypolipidemic Properties of Newly Synthesized Aryloxypropanolamine Derivatives. Acta Veterinaria Brno, 2008, 77, 589-594.	0.5	0
48	Treatment with atorvastatin reduces serum adipocyteâ€fatty acid binding protein value in patients with hyperlipidaemia. European Journal of Clinical Investigation, 2007, 37, 637-642.	3.4	65
49	Antiarrhythmic effect of newly synthesized compound 44Bu on model of aconitine-induced arrhythmia â€" Compared to lidocaine. European Journal of Pharmacology, 2007, 575, 127-133.	3.5	20
50	Carvedilol Protects against Cyclosporine Nephropathy in Rats. Acta Veterinaria Brno, 2006, 75, 85-89.	0.5	9
51	Bis-indols: a novel class of molecules enhancing the cytodifferentiating properties of retinoids in myeloid leukemia cells. Blood, 2002, 100, 3719-3730.	1.4	30
52	Study of Protective Effects of Î²-blocker Carvedilol in Experimentally Induced Solar Burn. Acta Veterinaria Brno, 2001, 70, 397-401.	0.5	0