

# Peter Kollar

## List of Publications by Year in descending order

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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	Recent Advances in Metabolic Pathways of Sulfate Reduction in Intestinal Bacteria. <i>Cells</i> , 2020, 9, 698.	4.1	95
2	Marine natural products: Bryostatins in preclinical and clinical studies. <i>Pharmaceutical Biology</i> , 2014, 52, 237-242.	2.9	86
3	Treatment with atorvastatin reduces serum adipocyte fatty acid binding protein value in patients with hyperlipidaemia. <i>European Journal of Clinical Investigation</i> , 2007, 37, 637-642.	3.4	65
4	Cytotoxic Activities of Several Geranyl-Substituted Flavanones. <i>Journal of Natural Products</i> , 2010, 73, 568-572.	3.0	65
5	Hydrogen Sulfide as a Toxic Product in the Small Large Intestine Axis and its Role in IBD Development. <i>Journal of Clinical Medicine</i> , 2019, 8, 1054.	2.4	59
6	Antimycobacterial and herbicidal activity of ring-substituted 1-hydroxynaphthalene-2-carboxanilides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6531-6541.	3.0	56
7	Determination of serum zinc-alpha-2-glycoprotein in patients with metabolic syndrome by a new ELISA. <i>Clinical Biochemistry</i> , 2008, 41, 313-316.	1.9	50
8	Investigating the Spectrum of Biological Activity of Substituted Quinoline-2-Carboxamides and Their Isosteres. <i>Molecules</i> , 2012, 17, 613-644.	3.8	50
9	Natural Compound Cudraflavone B Shows Promising Anti-inflammatory Properties in Vitro. <i>Journal of Natural Products</i> , 2011, 74, 614-619.	3.0	46
10	Anti-infective and herbicidal activity of N-substituted 2-aminobenzothiazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7059-7068.	3.0	46
11	Analysis of physiological parameters of <i>Desulfovibrio</i> strains from individuals with colitis. <i>Open Life Sciences</i> , 2019, 13, 481-488.	1.4	45
12	Cytotoxicity and effects on inflammatory response of modified types of cellulose in macrophage-like THP-1 cells. <i>International Immunopharmacology</i> , 2011, 11, 997-1001.	3.8	42
13	Investigation of sanguinarine and chelerythrine effects on LPS-induced inflammatory gene expression in THP-1 cell line. <i>Phytomedicine</i> , 2012, 19, 890-895.	5.3	42
14	Antibacterial and Herbicidal Activity of Ring-Substituted 3-Hydroxynaphthalene-2-carboxanilides. <i>Molecules</i> , 2013, 18, 7977-7997.	3.8	41
15	Synthesis and antimycobacterial properties of ring-substituted 6-hydroxynaphthalene-2-carboxanilides. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2035-2043.	3.0	41
16	Antimicrobial effect of salicylamide derivatives against intestinal sulfate-reducing bacteria. <i>Journal of Applied Biomedicine</i> , 2016, 14, 125-130.	1.7	39
17	Antibacterial and Herbicidal Activity of Ring-Substituted 2-Hydroxynaphthalene-1-carboxanilides. <i>Molecules</i> , 2013, 18, 9397-9419.	3.8	38
18	Activity of ring-substituted 8-hydroxyquinoline-2-carboxanilides against intestinal sulfate-reducing bacteria <i>Desulfovibrio piger</i> . <i>Medicinal Chemistry Research</i> , 2018, 27, 278-284.	2.4	33

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19	Synthesis and Biological Evaluation of N-Alkoxyphenyl-3-hydroxynaphthalene-2-carboxanilides. <i>Molecules</i> , 2015, 20, 9767-9787.	3.8	32
20	Antiproliferative and Pro-Apoptotic Effect of Novel Nitro-Substituted Hydroxynaphthanilides on Human Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1219.	4.1	32
21	Effect of selected 8-hydroxyquinoline-2-carboxanilides on viability and sulfate metabolism of <i>Desulfovibrio piger</i> . <i>Journal of Applied Biomedicine</i> , 2018, 16, 241-246.	1.7	32
22	Bis-indols: a novel class of molecules enhancing the cytodifferentiating properties of retinoids in myeloid leukemia cells. <i>Blood</i> , 2002, 100, 3719-3730.	1.4	30
23	Ring-substituted 8-hydroxyquinoline-2-carboxanilides as potential antimycobacterial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4188-4196.	3.0	30
24	Cross-correlation analysis of the <i>Desulfovibrio</i> growth parameters of intestinal species isolated from people with colitis. <i>Biologia (Poland)</i> , 2018, 73, 1137-1143.	1.5	30
25	Synthesis and Spectrum of Biological Activities of Novel N-arylcinnamamides. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2318.	4.1	29
26	Geranylated flavanone tomentodiplacone B inhibits proliferation of human monocytic leukaemia (THP-1) cells. <i>British Journal of Pharmacology</i> , 2011, 162, 1534-1541.	5.4	26
27	N-Alkoxyphenylhydroxynaphthalenecarboxamides and Their Antimycobacterial Activity. <i>Molecules</i> , 2016, 21, 1068.	3.8	25
28	The Chemical Composition of <i>Achillea wilhelmsii</i> C. Koch and Its Desirable Effects on Hyperglycemia, Inflammatory Mediators and Hypercholesterolemia as Risk Factors for Cardiometabolic Disease. <i>Molecules</i> , 2016, 21, 404.	3.8	23
29	Activity of selected salicylamides against intestinal sulfate-reducing bacteria. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 106-13.	0.2	21
30	Antiarrhythmic effect of newly synthesized compound 44Bu on model of aconitine-induced arrhythmia compared to lidocaine. <i>European Journal of Pharmacology</i> , 2007, 575, 127-133.	3.5	20
31	Preparation and Biological Properties of Ring-Substituted Naphthalene-1-Carboxanilides. <i>Molecules</i> , 2014, 19, 10386-10409.	3.8	20
32	Synthesis and Profiling of a Novel Potent Selective Inhibitor of CHK1 Kinase Possessing Unusual N-trifluoromethylpyrazole Pharmacophore Resistant to Metabolic N-dealkylation. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1831-1842.	4.1	17
33	Proline-Based Carbamates as Cholinesterase Inhibitors. <i>Molecules</i> , 2017, 22, 1969.	3.8	17
34	Prenylated Flavonoids from <i>Morus alba</i> L. Cause Inhibition of G1/S Transition in THP-1 Human Leukemia Cells and Prevent the Lipopolysaccharide-Induced Inflammatory Response. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	1.2	16
35	Synthesis and Biological Evaluation of 2-Hydroxy-3-[(2-aryloxyethyl)amino]propyl 4-[(alkoxycarbonyl)amino]benzoates. <i>Scientific World Journal</i> , 2013, 2013, 1-13.	2.1	15
36	Bioactivity of Methoxylated and Methylated 1-Hydroxynaphthalene-2-Carboxanilides: Comparative Molecular Surface Analysis. <i>Molecules</i> , 2019, 24, 2991.	3.8	13

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37	Synthesis and Antimicrobial Evaluation of 1-[(2-Substituted phenyl)carbamoyl]naphthalen-2-yl Carbamates. <i>Molecules</i> , 2016, 21, 1189.	3.8	10
38	Ring-Substituted 1-Hydroxynaphthalene-2-Carboxanilides Inhibit Proliferation and Trigger Mitochondria-Mediated Apoptosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3416.	4.1	10
39	Synthesis and In Vitro Antimycobacterial Activity of Novel N-Arylpiperazines Containing an Ethane-1,2-diyl Connecting Chain. <i>Molecules</i> , 2017, 22, 2100.	3.8	9
40	Carvedilol Protects against Cyclosporine Nephropathy in Rats. <i>Acta Veterinaria Brno</i> , 2006, 75, 85-89.	0.5	9
41	Antimycobacterial and Photosynthetic Electron Transport Inhibiting Activity of Ring-Substituted 4-Arylamino-7-Chloroquinolinium Chlorides. <i>Molecules</i> , 2013, 18, 10648-10670.	3.8	8
42	In vitro activity of salicylamide derivatives against vancomycin-resistant enterococci. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2184-2188.	2.2	8
43	Effect of solvent on cytotoxicity and bioavailability of fatty acids. <i>Immunopharmacology and Immunotoxicology</i> , 2010, 32, 462-465.	2.4	6
44	Antiproliferative and cytotoxic activities of C-Geranylated flavonoids from <i>Paulownia tomentosa</i> Steud. Fruit. <i>Bioorganic Chemistry</i> , 2021, 111, 104797.	4.1	6
45	Distribution of Sulfate-Reducing Bacteria in the Environment: Cryopreservation Techniques and Their Potential Storage Application. <i>Processes</i> , 2021, 9, 1843.	2.8	6
46	Dibasic Derivatives of Phenylcarbamic Acid as Prospective Antibacterial Agents Interacting with Cytoplasmic Membrane. <i>Antibiotics</i> , 2020, 9, 64.	3.7	5
47	Assessment of Chemical Impact of Invasive Bryozoan <i>Pectinatella magnifica</i> on the Environment: Cytotoxicity and Antimicrobial Activity of <i>P. magnifica</i> Extracts. <i>Molecules</i> , 2016, 21, 1476.	3.8	4
48	Antistaphylococcal Activities and ADME-Related Properties of Chlorinated Arylcarbamoylnaphthalenylcarbamates. <i>Pharmaceuticals</i> , 2022, 15, 715.	3.8	3
49	Flavonoid 4-O-Methylkuwanon E from <i>Morus alba</i> Induces the Differentiation of THP-1 Human Leukemia Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	1
50	Lipolytic and Hypolipidemic Properties of Newly Synthesized Aryloxypropanolamine Derivatives. <i>Acta Veterinaria Brno</i> , 2008, 77, 589-594.	0.5	0
51	A population-based case control study of congenital abnormalities and medication use during pregnancy using the Czech National Register of congenital abnormalities. <i>Open Medicine (Poland)</i> , 2011, 6, 435-441.	1.3	0
52	Study of Protective Effects of $\beta$ -blocker Carvedilol in Experimentally Induced Solar Burn. <i>Acta Veterinaria Brno</i> , 2001, 70, 397-401.	0.5	0