

Venkateswarlu Kanamarlapudi

List of Publications by Year in descending order

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112
papers

3,560
citations

117571

34
h-index

143943

57
g-index

147
all docs

147
docs citations

147
times ranked

3348
citing authors

#	ARTICLE	IF	CITATIONS
1	Itraconazole resistance in <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 1364-1368.	1.4	457
2	Insulin-dependent translocation of ARNO to the plasma membrane of adipocytes requires phosphatidylinositol 3-kinase. <i>Current Biology</i> , 1998, 8, 463-466.	1.8	262
3	A Review of Current Trends with Type 2 Diabetes Epidemiology, Aetiology, Pathogenesis, Treatments and Future Perspectives. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 3567-3602.	1.1	146
4	Nerve growth factor- and epidermal growth factor-stimulated translocation of the ADP-ribosylation factor-exchange factor GRP1 to the plasma membrane of PC12 cells requires activation of phosphatidylinositol 3-kinase and the GRP1 pleckstrin homology domain. <i>Biochemical Journal</i> , 1998, 335, 139-146.	1.7	137
5	A balanced chromosomal translocation disrupting <i>ARHGEF9</i> is associated with epilepsy, anxiety, aggression, and mental retardation. <i>Human Mutation</i> , 2009, 30, 61-68.	1.1	131
6	Confocal imaging of the subcellular distribution of phosphatidylinositol 3,4,5-trisphosphate in insulin- and PDGF-stimulated 3T3-L1 adipocytes. <i>Biochemical Journal</i> , 1999, 344, 511-518.	1.7	98
7	ARF6 Directs Axon Transport and Traffic of Integrins and Regulates Axon Growth in Adult DRG Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 10352-10364.	1.7	91
8	Distinct subcellular localisations of the putative inositol 1,3,4,5-tetrakisphosphate receptors GAP1 IP4BP and GAP1 m result from the GAP1 IP4BP PH domain directing plasma membrane targeting. <i>Current Biology</i> , 1997, 7, 1007-1010.	1.8	90
9	Evidence for cytochrome P-450 and P-450-mediated benzo(a) pyrene hydroxylation in the white rot fungus <i>Phanerochaete chrysosporium</i> . <i>FEMS Microbiology Letters</i> , 1996, 135, 51-55.	0.7	80
10	Identification of the Ras GTPase-activating protein GAP1m as a phosphatidylinositol-3,4,5-trisphosphate-binding protein in vivo. <i>Current Biology</i> , 1999, 9, 265-269.	1.8	77
11	Resistance to fluconazole in <i>Candida albicans</i> from AIDS patients correlated with reduced intracellular accumulation of drug. <i>FEMS Microbiology Letters</i> , 1995, 131, 337-341.	0.7	74
12	Fluconazole tolerance in clinical isolates of <i>Cryptococcus neoformans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 748-751.	1.4	72
13	Identification of centaurin-1 as a potential in vivo phosphatidylinositol 3,4,5-trisphosphate-binding protein that is functionally homologous to the yeast ADP-ribosylation factor (ARF) GTPase-activating protein, Gcs1. <i>Biochemical Journal</i> , 1999, 340, 359-363.	1.7	66
14	Centaurin-1 interacts directly with kinesin motor protein KIF13B. <i>Journal of Cell Science</i> , 2005, 118, 2471-2484.	1.2	62
15	Reduced accumulation of drug in <i>Candida krusei</i> accounts for itraconazole resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 1996, 40, 2443-2446.	1.4	60
16	The N-Terminal Membrane Domain of Yeast NADPH-Cytochrome P450 (CYP) Oxidoreductase Is Not Required for Catalytic Activity in Sterol Biosynthesis or in Reconstitution of CYP Activity. <i>Journal of Biological Chemistry</i> , 1998, 273, 4492-4496.	1.6	57
17	Centaurin-1 Is an in Vivo Phosphatidylinositol 3,4,5-Trisphosphate-dependent GTPase-activating Protein for ARF6 That Is Involved in Actin Cytoskeleton Organization. <i>Journal of Biological Chemistry</i> , 2004, 279, 6205-6208.	1.6	57
18	Agonist-induced internalisation of the glucagon-like peptide-1 receptor is mediated by the G α q pathway. <i>Biochemical Pharmacology</i> , 2015, 93, 72-84.	2.0	57

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19	Shear Stress-Induced Total Blood Trauma in Multiple Species. <i>Artificial Organs</i> , 2017, 41, 934-947.	1.0	55
20	Generation of a Complete, Soluble, and Catalytically Active Sterol 14 α -Demethylase γ -Reductase Complex. <i>Biochemistry</i> , 1999, 38, 8733-8738.	1.2	54
21	Interaction Protein for Cytohesin Exchange Factors 1 (IPCEF1) Binds Cytohesin 2 and Modifies Its Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 43460-43469.	1.6	54
22	Signalling via ADP-ribosylation factor 6 lies downstream of phosphatidylinositide 3-kinase. <i>Biochemical Journal</i> , 2000, 345, 719-724.	1.7	53
23	Signal transducer and activator of transcription-3 licenses Toll-like receptor 4-dependent interleukin (IL)-6 and IL-8 production via IL-6 receptor-positive feedback in endometrial cells. <i>Mucosal Immunology</i> , 2016, 9, 1125-1136.	2.7	51
24	Exclusion of Integrins from CNS Axons Is Regulated by Arf6 Activation and the AIS. <i>Journal of Neuroscience</i> , 2015, 35, 8359-8375.	1.7	50
25	Casein Kinase I Associates with Members of the Centaurin-1 Family of Phosphatidylinositol 3,4,5-Trisphosphate-binding Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 18757-18764.	1.6	47
26	Confocal imaging of the subcellular distribution of phosphatidylinositol 3,4,5-trisphosphate in insulin- and PDGF-stimulated 3T3-L1 adipocytes. <i>Biochemical Journal</i> , 1999, 344, 511.	1.7	46
27	The Effect of Shear Stress on the Size, Structure, and Function of Human von Willebrand Factor. <i>Artificial Organs</i> , 2014, 38, 741-750.	1.0	45
28	Phosphatidylinositol 3-kinase-dependent translocation of phospholipase C β 2 in mouse megakaryocytes is independent of Bruton tyrosine kinase translocation. <i>Blood</i> , 2001, 97, 678-684.	0.6	43
29	Activities and Kinetic Mechanisms of Native and Soluble NADPH-Cytochrome P450 Reductase. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 48-54.	1.0	41
30	The calcium-sensing receptor changes cell shape via a β 2-arrestin-1-ARNO-ARF6-ELMO protein network. <i>Journal of Cell Science</i> , 2007, 120, 2489-2497.	1.2	41
31	Microsomal and cytosolic cytochrome P450 mediated benzo(a)pyrene hydroxylation in <i>Pleurotus pulmonarius</i> . <i>Biotechnology Letters</i> , 1995, 17, 969-974.	1.1	39
32	Molecular Cloning and Functional Characterization of a Human Homologue of Centaurin-1. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 237-244.	1.0	38
33	A novel 4.1 ezrin radixin moesin (FERM)-containing protein, α -Willin γ . <i>FEBS Letters</i> , 2005, 579, 5089-5094.	1.3	38
34	ARF6 Activated by the LHCG Receptor through the Cytohesin Family of Guanine Nucleotide Exchange Factors Mediates the Receptor Internalization and Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 20443-20455.	1.6	37
35	EFA6 regulates selective polarised transport and axon regeneration from the axon initial segment. <i>Journal of Cell Science</i> , 2017, 130, 3663-3675.	1.2	34
36	Recent advances in understanding the role of glucagon-like peptide 1. <i>F1000Research</i> , 2020, 9, 239.	0.8	33

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37	Luteinizing hormone/chorionic gonadotrophin receptor overexpressed in granulosa cells from polycystic ovary syndrome ovaries is functionally active. <i>Reproductive BioMedicine Online</i> , 2016, 32, 635-641.	1.1	32
38	PI-3-kinase-dependent membrane recruitment of centaurin-1 is essential for its effect on ARF6-mediated actin cytoskeleton reorganisation. <i>Journal of Cell Science</i> , 2007, 120, 792-801.	1.2	31
39	Cytohesin 2/ARF6 regulates preadipocyte migration through the activation of ERK1/2. <i>Biochemical Pharmacology</i> , 2014, 92, 651-660.	2.0	31
40	Comparison of D0870, a new triazole antifungal agent, to fluconazole for inhibition of <i>Candida albicans</i> cytochrome P-450 by using in vitro assays. <i>Antimicrobial Agents and Chemotherapy</i> , 1996, 40, 1382-1386.	1.4	30
41	Centaurin-1, an ADP-Ribosylation Factor 6 GTPase Activating Protein, Inhibits β^2 -Adrenoceptor Internalization. <i>Molecular Pharmacology</i> , 2005, 67, 1822-1828.	1.0	30
42	ADP-ribosylation factor 6 regulates endothelin-1-induced lipolysis in adipocytes. <i>Biochemical Pharmacology</i> , 2014, 90, 406-413.	2.0	27
43	Inhibition and interaction of cytochrome P450 of <i>Candida krusei</i> with azole antifungal drugs. <i>Medical Mycology</i> , 1997, 35, 19-25.	0.3	26
44	Potential regulation of ADP-ribosylation factor 6 signalling by phosphatidylinositol 3,4,5-trisphosphate. <i>Biochemical Society Transactions</i> , 1999, 27, 683-689.	1.6	26
45	Alternative splicing generates a smaller assortment of CaV2.1 transcripts in cerebellar Purkinje cells than in the cerebellum. <i>Physiological Genomics</i> , 2006, 24, 86-96.	1.0	26
46	ARF6-Dependent Regulation of P2Y Receptor Traffic and Function in Human Platelets. <i>PLoS ONE</i> , 2012, 7, e43532.	1.1	26
47	Lactoferrin inhibits dexamethasone-induced chondrocyte impairment from osteoarthritic cartilage through up-regulation of extracellular signal-regulated kinase 1/2 and suppression of FASL, FAS, and Caspase 3. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 249-255.	1.0	25
48	Identification of centaurin-1 as a potential in vivo phosphatidylinositol 3,4,5-trisphosphate-binding protein that is functionally homologous to the yeast ADP-ribosylation factor (ARF) GTPase-activating protein, Gcs1. <i>Biochemical Journal</i> , 1999, 340, 359.	1.7	24
49	Exchange Factor EFA6R Requires C-terminal Targeting to the Plasma Membrane to Promote Cytoskeletal Rearrangement through the Activation of ADP-ribosylation Factor 6 (ARF6). <i>Journal of Biological Chemistry</i> , 2014, 289, 33378-33390.	1.6	23
50	Signalling via ADP-ribosylation factor 6 lies downstream of phosphatidylinositide 3-kinase. <i>Biochemical Journal</i> , 2000, 345, 719.	1.7	21
51	Functional coupling of rat metabotropic glutamate 1a receptors to phospholipase D in CHO cells: involvement of extracellular Ca ²⁺ , protein kinase C, tyrosine kinase and Rho-A. <i>Neuropharmacology</i> , 2002, 42, 1-8.	2.0	20
52	Centaurin-1 and KIF13B kinesin motor protein interaction in ARF6 signalling. <i>Biochemical Society Transactions</i> , 2005, 33, 1279.	1.6	20
53	The regions within the N-terminus critical for human glucagon like peptide-1 receptor (hGLP-1R) cell Surface expression. <i>Scientific Reports</i> , 2015, 4, 7410.	1.6	20
54	Human Sterol 14 α -Demethylase Activity Is Enhanced by the Membrane-Bound State of Cytochrome b5. <i>Archives of Biochemistry and Biophysics</i> , 2001, 395, 78-84.	1.4	19

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55	NADPH Cytochrome P-450 Oxidoreductase and Susceptibility to Ketoconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 1756-1761.	1.4	18
56	Distinct regions in the C-Terminus required for GLP-1R cell surface expression, activity and internalisation. <i>Molecular and Cellular Endocrinology</i> , 2015, 413, 66-77.	1.6	18
57	Characterization of <i>Saccharomyces cerevisiae</i> CYP51 and a CYP51 fusion protein with NADPH cytochrome P-450 oxidoreductase expressed in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 776-780.	1.4	17
58	The Bacterial Species <i>Campylobacter jejuni</i> Induce Diverse Innate Immune Responses in Human and Avian Intestinal Epithelial Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 1840.	1.5	17
59	Molecular Characterisation of Small Molecule Agonists Effect on the Human Glucagon Like Peptide-1 Receptor Internalisation. <i>PLoS ONE</i> , 2016, 11, e0154229.	1.1	17
60	Ammonium represses NADPH-nitrate reductase in the moss <i>Funaria hygrometrica</i> . <i>Plant Science</i> , 1991, 75, 185-194.	1.7	15
61	ADP-Ribosylation Factor 6 Expression and Activation Are Reduced in Myometrium in Complicated Pregnancies. <i>PLoS ONE</i> , 2012, 7, e37954.	1.1	14
62	Single-Channel Characterization of the Rabbit Recombinant RyR2 Reveals a Novel Inactivation Property of Physiological Concentrations of ATP. <i>Journal of Membrane Biology</i> , 2008, 222, 65-77.	1.0	11
63	ADAP2. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
64	Arap3. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
65	ADP-ribosylation factor domain protein 1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
66	Arf-like protein 8B. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
67	Mutation p.R356Q in the Collybistin Phosphoinositide Binding Site Is Associated With Mild Intellectual Disability. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 60.	1.4	10
68	Hemodilution Increases the Susceptibility of Red Blood Cells to Mechanical Shear Stress During In Vitro Hemolysis Testing. <i>ASAIO Journal</i> , 2021, 67, 632-641.	0.9	8
69	Analysis of the Interaction Between Cytohesin 2 and IPCEF1. <i>Methods in Enzymology</i> , 2005, 404, 252-266.	0.4	7
70	Mechanism of cardiovascular disease benefit of glucagon-like peptide 1 agonists. <i>Cardiovascular Endocrinology</i> , 2018, 7, 18-23.	0.8	7
71	In-vitro activity of D0870, a new triazole antifungal drug, in comparison with fluconazole and itraconazole against <i>Aspergillus fumigatus</i> and <i>Candida krusei</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 1997, 39, 731-736.	1.3	6
72	The temporal expression of estrogen receptor alpha-36 and runx2 in human bone marrow derived stromal cells during osteogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 552-556.	1.0	4

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73	Growth factors mediated differentiation of mesenchymal stem cells to cardiac polymicrotissue using hanging drop and bioreactor. <i>Cell Biology International</i> , 2015, 39, 502-507.	1.4	4
74	ADP-ribosylation factor 6 expression increase in oesophageal adenocarcinoma suggests a potential biomarker role for it. <i>PLoS ONE</i> , 2022, 17, e0263845.	1.1	3
75	Arf-like protein 8A. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	2
76	Stereoselective interaction of SCH 39304, a triazole, with sterol 14alpha-demethylase of <i>Aspergillus fumigatus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 1997, 39, 597-601.	1.3	1
77	STAT6. , 2018, , 5175-5182.		1
78	ADP-Ribosylation Factor-6 (ARF6). , 2016, , 1-9.		1
79	PSD3. , 2017, , 1-5.		1
80	Interleukin-13 Receptor Subunit Alpha-2 (IL-13R α 2). , 2017, , 1-7.		1
81	Interleukin-13 Receptor Subunit Alpha-2 (IL-13R α 2). , 2018, , 2695-2701.		1
82	von Willebrand Factor. , 2018, , 5950-5954.		1
83	GAP1IP4BP; a protein linking inositol 1,3,4,5-tetrakisphosphate with Ras and Ca ²⁺ homeostasis. <i>Biochemical Society Transactions</i> , 1997, 25, 507S-507S.	1.6	0
84	Identification of the Ras GTPase-activating protein GAP1m as an in vivo phosphatidylinositol 3,4,5-trisphosphate-binding protein. <i>Biochemical Society Transactions</i> , 1999, 27, A104-A104.	1.6	0
85	Adap1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
86	ADAP1. , 2012, , 48-54.		0
87	ARAP3. , 2012, , 142-146.		0
88	Arl8b. , 2012, , 164-169.		0
89	ADAP2. , 2016, , 1-6.		0
90	ARAP3. , 2016, , 1-7.		0

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91	GLP-1. , 2016, , 1-9.		0
92	GLP-1R. , 2016, , 1-12.		0
93	Arl8b. , 2016, , 1-8.		0
94	AGAP1. , 2016, , 1-6.		0
95	SMAP1. , 2016, , 1-6.		0
96	STAT6. , 2016, , 1-7.		0
97	ADAMTS13. , 2017, , 1-6.		0
98	von Willebrand Factor. , 2017, , 1-6.		0
99	Arl8b. , 2018, , 430-436.		0
100	GLP-1. , 2018, , 1-9.		0
101	ADAP1. , 2018, , 156-164.		0
102	GLP-1R. , 2018, , 2106-2117.		0
103	ARAP3. , 2018, , 399-406.		0
104	ADAP2. , 2018, , 164-169.		0
105	ADAMTS13. , 2018, , 141-146.		0
106	SMAP1. , 2018, , 5054-5059.		0
107	GLP-1. , 2018, , 2098-2106.		0
108	PSD3. , 2018, , 4258-4263.		0

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109	AGAP1. , 2018, , 239-244.		0
110	GLP-1R. , 2018, , 1-12.		0
111	ADP-Ribosylation Factor-6 (ARF6). , 2018, , 230-238.		0
112	Molecular characterisation of small molecule agonists and internalisation of GLP-1R. FASEB Journal, 2018, 32, 670.57.	0.2	0