

# Seva Catherine

## List of Publications by Year in descending order

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52  
papers

1,844  
citations

236925

25  
h-index

265206

42  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1853  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholecystokinin and Gastrin Receptors. <i>Physiological Reviews</i> , 2006, 86, 805-847.	28.8	421
2	Src-family Tyrosine Kinases in Activation of ERK-1 and p85/p110-phosphatidylinositol 3-Kinase by G/CCKBRceptors. <i>Journal of Biological Chemistry</i> , 1999, 274, 20657-20663.	3.4	103
3	Gastrin and Glycine-extended Progastrin Processing Intermediates Induce Different Programs of Early Gene Activation. <i>Journal of Biological Chemistry</i> , 1995, 270, 28337-28341.	3.4	79
4	Involvement of Cholecystokinin 2 Receptor in Food Intake Regulation: Hyperphagia and Increased Fat Deposition in Cholecystokinin 2 Receptor-Deficient Mice. <i>Endocrinology</i> , 2007, 148, 1039-1049.	2.8	73
5	Gastrin Stimulates Tyrosine Phosphorylation of Insulin Receptor Substrate 1 and Its Association with Grb2 and the Phosphatidylinositol 3-Kinase. <i>Journal of Biological Chemistry</i> , 1996, 271, 26356-26361.	3.4	71
6	A Novel Mechanism for JAK2 Activation by a G Protein-coupled Receptor, the CCK2R. <i>Journal of Biological Chemistry</i> , 2005, 280, 10710-10715.	3.4	61
7	The m6A RNA Demethylase ALKBH5 Promotes Radioresistance and Invasion Capability of Glioma Stem Cells. <i>Cancers</i> , 2021, 13, 40.	3.7	59
8	Mutation of Asn-391 within the Conserved NPXXY Motif of the Cholecystokinin B Receptor Abolishes Gq Protein Activation without Affecting Its Association with the Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 17321-17327.	3.4	52
9	Stimulation of rat pancreatic tumoral AR4-2J cell proliferation by Pituitary Adenylate cyclase-activating peptide. <i>Gastroenterology</i> , 1992, 103, 1002-1008.	1.3	49
10	Signaling Pathways Associated with Colonic Mucosa Hyperproliferation in Mice Overexpressing Gastrin Precursors. <i>Cancer Research</i> , 2005, 65, 2770-2777.	0.9	48
11	Ca <sup>2+</sup> and protein kinase C-dependent mechanisms involved in gastrin-induced Shc/Grb2 complex formation and P44-mitogen-activated protein kinase activation. <i>Biochemical Journal</i> , 1997, 325, 383-389.	3.7	47
12	Gastrin mediated cholecystokinin-2 receptor activation induces loss of cell adhesion and scattering in epithelial MDCK cells. <i>Oncogene</i> , 2002, 21, 7656-7670.	5.9	44
13	Modeled Structure of a G-Protein-Coupled Receptor: The Cholecystokinin-1 Receptor. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 180-191.	6.4	43
14	Gastrin induces tyrosine phosphorylation of Shc proteins and their association with the Grb2/Sos complex. <i>FEBS Letters</i> , 1996, 378, 74-78.	2.8	42
15	Involvement of JAK2 upstream of the PI 3-kinase in cell-cell adhesion regulation by gastrin. <i>Experimental Cell Research</i> , 2004, 301, 128-138.	2.6	41
16	Glycine-extended Progastrin Processing Intermediates Induce H <sup>+</sup> ,K <sup>+</sup> -ATPase $\alpha$ -Subunit Gene Expression through a Novel Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 11155-11160.	3.4	40
17	Gastrin induces phosphorylation of eIF4E binding protein 1 and translation initiation of ornithine decarboxylase mRNA. <i>Oncogene</i> , 1998, 16, 2219-2227.	5.9	35
18	Gastrin-induced DNA synthesis requires p38-MAPK activation via PKC/Ca <sup>2+</sup> and Src-dependent mechanisms. <i>FEBS Letters</i> , 2001, 496, 25-30.	2.8	35

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19	Phosphorylation of spinal N-methyl-D-aspartate receptor NR1 subunits by extracellular signal-regulated kinase in dorsal horn neurons and microglia contributes to diabetes-induced painful neuropathy. <i>European Journal of Pain</i> , 2011, 15, 169.e1-169.e12.	2.8	35
20	Gastrin stimulates the formation of a p60Src/p125FAK complex upstream of the phosphatidylinositol 3-kinase signaling pathway. <i>FEBS Letters</i> , 1999, 445, 251-255.	2.8	34
21	Int6/eIF3e Is Essential for Proliferation and Survival of Human Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2172-2190.	4.1	34
22	Alpha-6 integrin promotes radioresistance of glioblastoma by modulating DNA damage response and the transcription factor Zeb1. <i>Cell Death and Disease</i> , 2018, 9, 872.	6.3	31
23	Wortmannin-Sensitive Activation of p70S6-Kinase and MAP-Kinase by the G Protein-Coupled Receptor, G/CCKB. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 202-206.	2.1	29
24	Alpha6-Integrin Regulates FGFR1 Expression through the ZEB1/YAP1 Transcription Complex in Glioblastoma Stem Cells Resulting in Enhanced Proliferation and Stemness. <i>Cancers</i> , 2019, 11, 406.	3.7	29
25	Molecular Mechanism Underlying Partial and Full Agonism Mediated by the Human Cholecystokinin-1 Receptor. <i>Journal of Biological Chemistry</i> , 2005, 280, 10664-10674.	3.4	27
26	Tyrosine Phosphorylation of Insulin Receptor Substrate-1 and Activation of the PI-3-Kinase Pathway by Glycine-Extended Gastrin Precursors. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 687-692.	2.1	26
27	Essential Interaction of Egr-1 at an Islet-specific Response Element for Basal and Gastrin-dependent Glucagon Gene Transactivation in Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 7976-7984.	3.4	25
28	A gastrin precursor, gastrin $\beta$ gly, upregulates VEGF expression in colonic epithelial cells through an HIF $\alpha$ -independent mechanism. <i>International Journal of Cancer</i> , 2010, 126, 2847-2857.	5.1	23
29	A New Biomarker That Predicts Colonic Neoplasia Outcome in Patients with Hyperplastic Colonic Polyps. <i>Cancer Prevention Research</i> , 2012, 5, 675-684.	1.5	21
30	Progastrin a new pro-angiogenic factor in colorectal cancer. <i>Oncogene</i> , 2015, 34, 3120-3130.	5.9	21
31	Expression of Cholecystokinin-2/Gastrin Receptor in the Murine Pancreas Modulates Cell Adhesion and Cell Differentiation in Vivo. <i>American Journal of Pathology</i> , 2004, 165, 2135-2145.	3.8	18
32	An ITIM-like motif within the CCK2 receptor sequence required for interaction with SHP-2 and the activation of the AKT pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1098-1107.	4.1	18
33	The Bad the Good and eIF3e INT6. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1-20.	3.0	15
34	$\beta$ 6 Integrin: A new gastrin target in human pancreatic cancer cells. <i>World Journal of Gastroenterology</i> , 2011, 17, 4488.	3.3	15
35	Identification of the F1-ATPase at the Cell Surface of Colonic Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 41458-41468.	3.4	14
36	The G-protein-coupled CCK2 receptor associates with phospholipase C $\beta$ 1. <i>FEBS Letters</i> , 2004, 568, 89-93.	2.8	13

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37	Transgenic expression of CCK2 receptors sensitizes murine pancreatic acinar cells to carcinogen-induced preneoplastic lesions formation. <i>International Journal of Cancer</i> , 2005, 115, 46-54.	5.1	12
38	Mechanism for Src activation by the CCK2 receptor: Patho-physiological functions of this receptor in pancreas. <i>World Journal of Gastroenterology</i> , 2006, 12, 4498.	3.3	12
39	Translation reprogramming by eIF3 linked to glioblastoma resistance. <i>NAR Cancer</i> , 2020, 2, zcaa020.	3.1	9
40	Glycine-extended gastrin activates two independent tyrosine-kinases in upstream of p85/p110 phosphatidylinositol 3-kinase in human colonic tumour cells. <i>World Journal of Gastroenterology</i> , 2006, 12, 1859.	3.3	9
41	Activation of c-Jun N-terminal kinase 1 (JNK-1) after amino acid deficiency in HeLa cells. <i>Cellular Signalling</i> , 2001, 13, 417-423.	3.6	8
42	Putrescine and spermidine uptake is regulated by proliferation and dexamethasone treatment in AR4-2J cells. <i>International Journal of Cancer</i> , 1991, 49, 577-581.	5.1	7
43	Targeting progastrin enhances radiosensitization of colorectal cancer cells. <i>Oncotarget</i> , 2017, 8, 58587-58600.	1.8	6
44	The Glycoprotein M6a Is Associated with Invasiveness and Radioresistance of Glioblastoma Stem Cells. <i>Cells</i> , 2022, 11, 2128.	4.1	6
45	Activation of pro-oncogenic pathways in colorectal hyperplastic polyps. <i>BMC Cancer</i> , 2013, 13, 531.	2.6	3
46	By modulating $\alpha 2 \beta 1$ integrin signalling, gastrin increases adhesion of AGS-GR gastric cancer cells. <i>Experimental Cell Research</i> , 2018, 362, 498-503.	2.6	1
47	P60-SRC and p125-FAK are potential mediators of PI 3-kinase activation by glycine-extended gastrin precursors. <i>Gastroenterology</i> , 2000, 118, A437.	1.3	0
48	Mutation of ASN391 within the highly conserved NPXXY motif of the cholecystokinin B receptor abolishes GQ protein activation without affecting its association with the receptor. <i>Gastroenterology</i> , 2000, 118, A305.	1.3	0
49	Src-family tyrosine kinases mediate c-jun amino-terminal kinase (JNK) activation by CCKB receptors. <i>Gastroenterology</i> , 2000, 118, A92.	1.3	0
50	Mechanism of JAK2 activation by the G protein coupled receptor CCK2-R. <i>Gastroenterology</i> , 2003, 124, A78.	1.3	0
51	Gastrin. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
52	Abstract 1073: Cell surface F1-ATPase, a new potential target in colorectal cancer. , 2012, , .		0