Dieter Saur

List of Publications by Year
in descending order

230	11,957	22153 59	33894 99
papers	citations	h-index	g-index

243	243	243	19594
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A GATA6-centred gene regulatory network involving HNFs and Î”Np63 controls plasticity and immune escape in pancreatic cancer. Gut, 2022, 71, 766-777.	12.1	38
2	Epithelial X-Box Binding Protein 1 Coordinates Tumor Protein p53-Driven DNA Damage Responses and Suppression of Intestinal Carcinogenesis. Gastroenterology, 2022, 162, 223-237.e11.	1.3	15
3	Wild-type APC Influences the Severity of Familial Adenomatous Polyposis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 669-671.e3.	4.5	2
4	A novel Cereblon E3 ligase modulator with antitumor activity in gastrointestinal cancer. Bioorganic Chemistry, 2022, 119, 105505.	4.1	13
5	Selective multi-kinase inhibition sensitizes mesenchymal pancreatic cancer to immune checkpoint blockade by remodeling the tumor microenvironment. Nature Cancer, 2022, 3, 318-336.	13.2	42
6	Identification of treatmentâ€induced vulnerabilities in pancreatic cancer patients using functional model systems. EMBO Molecular Medicine, 2022, 14, e14876.	6.9	20
7	HDAC2 Facilitates Pancreatic Cancer Metastasis. Cancer Research, 2022, 82, 695-707.	0.9	19
8	Stromal HIF2 Regulates Immune Suppression in the Pancreatic Cancer Microenvironment. Gastroenterology, 2022, 162, 2018-2031.	1.3	62
9	Porcine cancer models for clinical translation. Nature Reviews Cancer, 2022, 22, 375-376.	28.4	3
10	Indirect targeting of MYC sensitizes pancreatic cancer cells to mechanistic target of rapamycin (mTOR) inhibition. Cancer Communications, 2022, , .	9.2	1
11	CRISPR somatic genome engineering and cancer modeling in the mouse pancreas and liver. Nature Protocols, 2022, 17, 1142-1188.	12.0	13
12	Suppression of Endothelial Cell FAK Expression Reduces Pancreatic Ductal Adenocarcinoma Metastasis after Gemcitabine Treatment. Cancer Research, 2022, 82, 1909-1925.	0.9	13
13	Epigenetic drug screening defines a PRMT5 inhibitorâ€“sensitive pancreatic cancer subtype. JCI Insight, 2022, 7, .	5.0	6
14	Comparative Study of the Role of Interepithelial Mucosal Mast Cells in the Context of Intestinal Adenoma-Carcinoma Progression. Cancers, 2022, 14, 2248.	3.7	3
15	Mass spectrometry-based draft of the mouse proteome. Nature Methods, 2022, 19, 803-811.	19.0	19
16	Abstract 2514: Pancreatic cancer subtype-specific secreted factors determine the immunosuppressive tumor microenvironment. Cancer Research, 2022, 82, 2514-2514.	0.9	0
17	Tutorial: design and execution of CRISPR in vivo screens. Nature Protocols, 2022, 17, 1903-1925.	12.0	12
18	Mesenchymal Plasticity Regulated by Prrx1 Drives Aggressive Pancreatic Cancer Biology. Gastroenterology, 2021, 160, 346-361.e24.	1.3	48

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19	Visualization of stem cell activity in pancreatic cancer expansion by direct lineage tracing with live imaging. ELife, 2021, 10, .	6.0	20
20	Oscillating calcium signals in smooth muscle cells underlie the persistent basal tone of internal anal sphincter. Journal of Cellular Physiology, 2021, 236, 5937-5952.	4.1	4
21	Generation and identification of a conditional knockout allele for the PSMD11 gene in mice. BMC Developmental Biology, 2021, 21, 4.	2.1	4
22	Porcine model elucidates function of p53 isoform in carcinogenesis and reveals novel circTP53 RNA. Oncogene, 2021, 40, 1896-1908.	5.9	17
23	Morphology Matters. American Journal of Surgical Pathology, 2021, 45, 969-978.	3.7	18
24	Cannabidiol converts NF-Î¹B into a tumor suppressor in glioblastoma with defined antioxidative properties. Neuro-Oncology, 2021, 23, 1898-1910.	1.2	24
25	Pancreatic cancer intrinsic PI3KÎ± activity accelerates metastasis and rewires macrophage component. EMBO Molecular Medicine, 2021, 13, e13502.	6.9	19
26	Metabolic Response of Pancreatic Carcinoma Cells under Treatment with Dichloroacetate. Metabolites, 2021, 11, 350.	2.9	2
27	Artificial intelligence in early drug discovery enabling precision medicine. Expert Opinion on Drug Discovery, 2021, 16, 991-1007.	5.0	35
28	Context-dependent modulation of aggressiveness of pediatric tumors by individual oncogenic RAS isoforms. Oncogene, 2021, 40, 4955-4966.	5.9	5
29	Genetic Screens Identify a Context-Specific PI3K/p27Kip1 Node Driving Extrahepatic Biliary Cancer. Cancer Discovery, 2021, 11, 3158-3177.	9.4	12
30	Important role of Nfkb2 in the KrasG12D-driven carcinogenesis in the pancreas. Pancreatology, 2021, 21, 912-919.	1.1	3
31	New Insights Into Pancreatic Cancer: Notes from a Virtual Meeting. Gastroenterology, 2021, 161, 785-791.	1.3	5
32	A protease-activated, near-infrared fluorescent probe for early endoscopic detection of premalignant gastrointestinal lesions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	38
33	Dual recombinase action in the normal and neoplastic mammary gland epithelium. Scientific Reports, 2021, 11, 20775.	3.3	2
34	The Missing Link: Cre Pigs for Cancer Research. Frontiers in Oncology, 2021, 11, 755746.	2.8	3
35	Rationale for MYC imaging and targeting in pancreatic cancer. EJNMMI Research, 2021, 11, 104.	2.5	7
36	Single-Shot High-Throughput Phase Imaging with Multibeam Array Interferometric Microscopy. ACS Photonics, 2021, 8, 3536-3547.	6.6	2

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37	Self-renewal equality in pancreas homeostasis, regeneration, and cancer. Cell Reports, 2021, 37, 110135.	6.4	2
38	The expression of TAP1 candidate gene, but not its polymorphism and methylation, is associated with colonic polyp formation in a porcine model of human familial adenomatous polyposis. Animal Biotechnology, 2020, 31, 306-313.	1.5	1
39	Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. Cell Death and Disease, 2020, 11, 14.	6.3	17
40	PersonalizingKRAS-Mutant Alleleâ€“Specific Therapies. Cancer Discovery, 2020, 10, 23-25.	9.4	6
41	Analysis pipelines for cancer genome sequencing in mice. Nature Protocols, 2020, 15, 266-315.	12.0	25
42	Targeting the ubiquitinâ€proteasome system in a pancreatic cancer subtype with hyperactive MYC. Molecular Oncology, 2020, 14, 3048-3064.	4.6	13
43	P03.11â€…Exploring tumor-intrinsic factors regulating the recruitment of myeloid-derived suppressor cells (MDSC) in pancreatic ductal adenocarcinoma. , 2020, , .		0
44	P03.29â€…Characterization of treatment-induced adaptive immune responses in pancreatic ductal adenocarcinoma. , 2020, 8, A34.2-A34.		0
45	Linkage of genetic drivers and strain-specific germline variants confound mouse cancer genome analyses. Nature Communications, 2020, 11, 4474.	12.8	1
46	Blockade of VEGF-C signaling inhibits lymphatic malformations driven by oncogenic PIK3CA mutation. Nature Communications, 2020, 11, 2869.	12.8	59
47	In vivo functional screening for systems-level integrative cancer genomics. Nature Reviews Cancer, 2020, 20, 573-593.	28.4	44
48	SUMO pathway inhibition targets an aggressive pancreatic cancer subtype. Gut, 2020, 69, 1472-1482.	12.1	61
49	Implementing cell-free DNA of pancreatic cancer patientâ€derived organoids for personalized oncology. JCI Insight, 2020, 5, .	5.0	30
50	Low-cost single-point optoacoustic sensor for spectroscopic measurement of local vascular oxygenation. Optics Letters, 2020, 45, 6579.	3.3	4
51	Blocking the road to deâ€differentiation: <scp>HNF</scp> 1A/ <scp>KDM</scp> 6A complex safeguards epithelial integrity in pancreatic cancer. EMBO Journal, 2020, 39, e104759.	7.8	4
52	Abstract 1116: Spatio-temporal analysis of the tumor microenvironment of colorectal cancer subtypes using an orthotopic organoid transplantation model. , 2020, , .		0
53	Abstract 1793: Interaction of MYC and SUMOylation machinery in an aggressive pancreatic cancer subtype. , 2020, , .		0
54	A Yap-Myc-Sox2-p53 Regulatory Network Dictates Metabolic Homeostasis and Differentiation in Kras-Driven Pancreatic Ductal Adenocarcinomas. Developmental Cell, 2019, 51, 113-128.e9.	7.0	50

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55	Biodegradable Fluorescent Nanoparticles for Endoscopic Detection of Colorectal Carcinogenesis. Advanced Functional Materials, 2019, 29, 1904992.	14.9	28
56	A novel mouse model demonstrates that oncogenic melanocyte stem cells engender melanoma resembling human disease. Nature Communications, 2019, 10, 5023.	12.8	51
57	Deciphering the universe of genetic context-dependencies using mouse models of cancer. Current Opinion in Genetics and Development, 2019, 54, 97-104.	3.3	3
58	PiggyBac transposon tools for recessive screening identify B-cell lymphoma drivers in mice. Nature Communications, 2019, 10, 1415.	12.8	37
59	Metastasis of pancreatic cancer: An uninflamed liver micromilieu controls cell growth and cancer stem cell properties by oxidative phosphorylation in pancreatic ductal epithelial cells. Cancer Letters, 2019, 453, 95-106.	7.2	26
60	Cellular Dissociation Grading Based on the Parameters Tumor Budding and Cell Nest Size in Pretherapeutic Biopsy Specimens Allows for Prognostic Patient Stratification in Esophageal Squamous Cell Carcinoma Independent From Clinical Staging. American Journal of Surgical Pathology, 2019, 43, 618-627.	3.7	18
61	Deep Learning Reveals Cancer Metastasis and Therapeutic Antibody Targeting in the Entire Body. Cell, 2019, 179, 1661-1676.e19.	28.9	142
62	Dorsolateral septum somatostatin interneurons gate mobility to calibrate context-specific behavioral fear responses. Nature Neuroscience, 2019, 22, 436-446.	14.8	63
63	Single cell polarity in liquid phase facilitates tumour metastasis. Nature Communications, 2018, 9, 887.	12.8	45
64	Homoharringtonine could induce quick protein synthesis of PSMD11 through activating MEK1/ERK1/2 signaling pathway in pancreatic cancer cells. Journal of Cellular Biochemistry, 2018, 119, 6644-6656.	2.6	21
65	Simulated Microgravity Impairs Cardiac Autonomic Neurogenesis from Neural Crest Cells. Stem Cells and Development, 2018, 27, 819-830.	2.1	10
66	Evolutionary routes and KRAS dosage define pancreatic cancer phenotypes. Nature, 2018, 554, 62-68.	27.8	328
67	MTOR inhibitor-based combination therapies for pancreatic cancer. British Journal of Cancer, 2018, 118, 366-377.	6.4	35
68	Kitcre knock-in mice fail to fate-map cardiac stem cells. Nature, 2018, 555, E1-E5.	27.8	79
69	Oncogenic KRAS and the EGFR loop in pancreatic carcinogenesisâ€"A connection to licensing nodes. Small GTPases, 2018, 9, 457-464.	1.6	10
70	The hepatic microenvironment essentially determines tumor cell dormancy and metastatic outgrowth of pancreatic ductal adenocarcinoma. OncoImmunology, 2018, 7, e1368603.	4.6	33
71	Diabetes as risk factor for pancreatic cancer: Hyperglycemia promotes epithelial-mesenchymal-transition and stem cell properties in pancreatic ductal epithelial cells. Cancer Letters, 2018, 415, 129-150.	7.2	80
72	c-Kit+ Cells in Adult Salivary Glands do not Function as Tissue Stem Cells. Scientific Reports, 2018, 8, 14193.	3.3	34

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73	Mutant KRAS-driven cancers depend on PTPN11/SHP2 phosphatase. Nature Medicine, 2018, 24, 954-960.	30.7	278
74	Notch-Induced Myeloid Reprogramming in Spontaneous Pancreatic Ductal Adenocarcinoma by Dual Genetic Targeting. Cancer Research, 2018, 78, 4997-5010.	0.9	11
75	KRAS-dependent AKT signaling drives hepatocyte proliferation to promote tumor development in a genetic model of liver cancer. Journal of Hepatology, 2018, 68, S689.	3.7	0
76	Dual reporter genetic mouse models of pancreatic cancer identify an epithelialâ€toâ€mesenchymal transitionâ€independent metastasis program. EMBO Molecular Medicine, 2018, 10, .	6.9	61
77	Regulation of Epithelial Plasticity Determines Metastatic Organotropism in Pancreatic Cancer. Developmental Cell, 2018, 45, 696-711.e8.	7.0	96
78	The BRG1/SOX9 axis is critical for acinar cellâ€“derived pancreatic tumorigenesis. Journal of Clinical Investigation, 2018, 128, 3475-3489.	8.2	48
79	Abstract 391: Evolutionary trajectories andKRASgene dosage define pancreatic cancer phenotypes. , 2018, , .		0
80	Genome-wide transposon screening and quantitative insertion site sequencing for cancer gene discovery in mice. Nature Protocols, 2017, 12, 289-309.	12.0	41
81	Tissue-specific tumorigenesis: context matters. Nature Reviews Cancer, 2017, 17, 239-253.	28.4	234
82	A Novel Predictive Organoid Culture System from Pancreatic Cancer Patients - Personalized Medicine in Realtime. Gastroenterology, 2017, 152, S18.	1.3	0
83	Role of RAS-dependent signaling pathways in hepatic carcinogenesis. Journal of Hepatology, 2017, 66, S225-S226.	3.7	0
84	Lkb1 inactivation drives lung cancer lineage switching governed by Polycomb Repressive Complex 2. Nature Communications, 2017, 8, 14922.	12.8	80
85	Conditional genetic deletion of Ano1 in interstitial cells of Cajal impairs Ca²⁺ transients and slow waves in adult mouse small intestine. American Journal of Physiology - Renal Physiology, 2017, 312, G228-G245.	3.4	72
86	Hypoxia-Inducible Factor 1 Alpha (HIF1A) Stimulates Neuronal Nitric Oxide Synthase (NOS1) Transcription by Binding to Multiple Enhancers. Gastroenterology, 2017, 152, S565-S566.	1.3	1
87	Succinate Accumulation Epigenetically Represses Kit Expression, Reduces Interstitial Cells of Cajal (ICC) and Delays Gastric Emptying of Solids. Gastroenterology, 2017, 152, S129-S130.	1.3	0
88	Porcine familial adenomatous polyposis model enables systematic analysis of early events in adenoma progression. Scientific Reports, 2017, 7, 6613.	3.3	22
89	RORÎ² Spinal Interneurons Gate Sensory Transmission during Locomotion to Secure a Fluid Walking Gait. Neuron, 2017, 96, 1419-1431.e5.	8.1	85
90	Evidence for a retinal progenitor cell in the postnatal and adult mouse. Stem Cell Research, 2017, 23, 20-32.	0.7	9

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91	Tumor necrosis factor alpha derived from classically activated â€œM1â€•macrophages reduces interstitial cell of Cajal numbers. Neurogastroenterology and Motility, 2017, 29, e12984.	3.0	33
92	HDAC1 and HDAC2 integrate the expression of p53 mutants in pancreatic cancer. Oncogene, 2017, 36, 1804-1815.	5.9	87
93	Hyperpolarized ¹³C Diffusion MRS of Co-Polarized Pyruvate and Fumarate to Measure Lactate Export and Necrosis. Journal of Cancer, 2017, 8, 3078-3085.	2.5	18
94	Altered microRNA profiles during early colon adenoma progression in a porcine model of familial adenomatous polyposis. Oncotarget, 2017, 8, 96154-96160.	1.8	13
95	P7009 Precancerous molecular features committing development of colonic polyps revealed by studies on the porcine model of human familial adenomatous polyposis. Journal of Animal Science, 2016, 94, 179-180.	0.5	0
96	siRNA-coupled nanoparticles for improved therapeutic targeting of pancreatic cancer. Gut, 2016, 65, 1780-1781.	12.1	1
97	Novel small molecules targeting ciliary transport of Smoothened and oncogenic Hedgehog pathway activation. Scientific Reports, 2016, 6, 22540.	3.3	16
98	Multiplexed pancreatic genome engineering and cancer induction by transfection-based CRISPR/Cas9 delivery in mice. Nature Communications, 2016, 7, 10770.	12.8	145
99	A porcine model of osteosarcoma. Oncogenesis, 2016, 5, e210-e210.	4.9	49
100	Sa1677 The Polycomb Histone Lysine Methyltransferase EZH2 Controls Interstitial Cell of Cajal Populations by Regulating Stem Cell Differentiation and Self-Renewal. Gastroenterology, 2016, 150, S343-S344.	1.3	0
101	New tools for the study of intratumour heterogeneity in cancer. European Journal of Cancer, 2016, 61, S66.	2.8	0
102	In Vivo RNAi Screening for Pancreatic Cancer Drivers: PILOTing the WDR5â€“MYC Axis. Trends in Cancer, 2016, 2, 391-392.	7.4	2
103	Stimulatory Effects of Mesenchymal Stem Cells on cKit + Cardiac Stem Cells Are Mediated by SDF1/CXCR4 and SCF/cKit Signaling Pathways. Circulation Research, 2016, 119, 921-930.	4.5	81
104	Distinct Hippocampal Pathways Mediate Dissociable Roles of Context in Memory Retrieval. Cell, 2016, 167, 961-972.e16.	28.9	226
105	Olfactory basal stem cells: contribution of Polycomb group proteins to renewal in a novel c-Kit+ culture model and in vivo. Development (Cambridge), 2016, 143, 4394-4404.	2.5	25
106	Spontaneous Ca²⁺ transients in interstitial cells of Cajal located within the deep muscular plexus of the murine small intestine. Journal of Physiology, 2016, 594, 3317-3338.	2.9	54
107	Differentiation potential of individual olfactory câ€Kit+ progenitors determined via multicolor lineage tracing. Developmental Neurobiology, 2016, 76, 241-251.	3.0	21
108	KrasG12D induces EGFR-MYC cross signaling in murine primary pancreatic ductal epithelial cells. Oncogene, 2016, 35, 3880-3886.	5.9	36

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109	RelA regulates CXCL1/CXCR2-dependent oncogene-induced senescence in murine Kras-driven pancreatic carcinogenesis. Journal of Clinical Investigation, 2016, 126, 2919-2932.	8.2	93
110	Abstract IA22: Modeling and targeting the tumor microenvironment of pancreatic cancer. , 2016, , .		0
111	Adult c-Kit(+) progenitor cells are necessary for maintenance and regeneration of olfactory neurons. Journal of Comparative Neurology, 2015, 523, Spc1-Spc1.	1.6	0
112	Nitrergic signalling via interstitial cells of Cajal regulates motor activity in murine colon. Journal of Physiology, 2015, 593, 4589-4601.	2.9	37
113	Bursts of Bipolar Microsecond Pulses Inhibit Tumor Growth. Scientific Reports, 2015, 5, 14999.	3.3	96
114	cKit Lineage Hemogenic Endothelium-Derived Cells Contribute to Mesenteric Lymphatic Vessels. Cell Reports, 2015, 10, 1708-1721.	6.4	207
115	Transient receptor potential vanilloid 4 inhibits mouse colonic motility by activating NO-dependent enteric neurotransmission. Journal of Molecular Medicine, 2015, 93, 1297-1309.	3.9	31
116	A Synergistic Interaction between Chk1- and MK2 Inhibitors in KRAS-Mutant Cancer. Cell, 2015, 162, 146-159.	28.9	100
117	Viable pigs with a conditionally-activated oncogenic KRAS mutation. Transgenic Research, 2015, 24, 509-517.	2.4	30
118	CRISPR/Cas9 somatic multiplex-mutagenesis for high-throughput functional cancer genomics in mice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13982-13987.	7.1	172
119	Dominant role of interstitial cells of Cajal in nitrergic relaxation of murine lower oesophageal sphincter. Journal of Physiology, 2015, 593, 403-414.	2.9	29
120	cKit ⁺ cardiac progenitors of neural crest origin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13051-13056.	7.1	104
121	Adult câ€Kit(+) progenitor cells are necessary for maintenance and regeneration of olfactory neurons. Journal of Comparative Neurology, 2015, 523, 15-31.	1.6	46
122	A conditional piggyBac transposition system for genetic screening in mice identifies oncogenic networks in pancreatic cancer. Nature Genetics, 2015, 47, 47-56.	21.4	77
123	New aspects in the pathomechanism and diagnosis of the laryngopharyngeal reflux-clinical impact of laryngeal proton pumps and pharyngeal pH metry in extraesophageal gastroesophageal reflux disease. World Journal of Gastroenterology, 2015, 21, 982.	3.3	18
124	Nociceptin effect on intestinal motility depends on opioid-receptor like-1 receptors and nitric oxide synthase co-localization. World Journal of Gastrointestinal Pharmacology and Therapeutics, 2015, 6, 73.	1.1	6
125	Pancreatic cell plasticity and cancer initiation induced by oncogenic Kras is completely dependent on wild-type PI 3-kinase p110Î±. Genes and Development, 2014, 28, 2621-2635.	5.9	108
126	A20-Deficient Mast Cells Exacerbate Inflammatory Responses In Vivo. PLoS Biology, 2014, 12, e1001762.	5.6	62

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127	<scp>C</scp>re<scp>ER</scp>^{T2} expression from within the câ€<scp>K</scp>it gene locus allows efficient inducible gene targeting in and ablation of mast cells. European Journal of Immunology, 2014, 44, 296-306.	2.9	26
128	MYC and EGR1 synergize to trigger tumor cell death by controlling NOXA and BIM transcription upon treatment with the proteasome inhibitor bortezomib. Nucleic Acids Research, 2014, 42, 10433-10447.	14.5	58
129	Cell-Type-Specific Circuit Connectivity of Hippocampal CA1 Revealed through Cre-Dependent Rabies Tracing. Cell Reports, 2014, 7, 269-280.	6.4	184
130	Selective inhibition of <scp>FAAH</scp> produces antidiarrheal and antinociceptive effect mediated by endocannabinoids and cannabinoidâ€like fatty acid amides. Neurogastroenterology and Motility, 2014, 26, 470-481.	3.0	54
131	A next-generation dual-recombinase system for time- and host-specific targeting of pancreatic cancer. Nature Medicine, 2014, 20, 1340-1347.	30.7	188
132	In-vitro bipolar nano- and microsecond electro-pulse bursts for irreversible electroporation therapies. Bioelectrochemistry, 2014, 100, 69-79.	4.6	91
133	Interstitial cells of Cajal mediate nitrergic inhibitory neurotransmission in the murine gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2014, 307, G98-G106.	3.4	50
134	712: The pig as a model for human cancer. European Journal of Cancer, 2014, 50, S172.	2.8	0
135	260: A novel MYC directed apoptosis pathway controls NOXA and BIM transcription. European Journal of Cancer, 2014, 50, S61.	2.8	0
136	Oncogenic KRAS signalling in pancreatic cancer. British Journal of Cancer, 2014, 111, 817-822.	6.4	423
137	The endocannabinoid anandamide regulates the peristaltic reflex by reducing neuro-neuronal and neuro-muscular neurotransmission in ascending myenteric reflex pathways in rats. Pharmacological Reports, 2014, 66, 256-263.	3.3	2
138	Dual Fluorescent Reporter Pig for Cre Recombination: Transgene Placement at the ROSA26 Locus. PLoS ONE, 2014, 9, e102455.	2.5	40
139	A Genetic Progression Model of BrafV600E-Induced Intestinal Tumorigenesis Reveals Targets for Therapeutic Intervention. Cancer Cell, 2013, 24, 15-29.	16.8	183
140	Cell-Specific Deletion of Nitric Oxideâ€“Sensitive Guanylyl Cyclase Reveals a Dual Pathway for Nitrergic Neuromuscular Transmission in the Murine Fundus. Gastroenterology, 2013, 145, 188-196.	1.3	49
141	Multifactorial diagnostic NIR imaging of CCK2R expressing tumors. Biomaterials, 2013, 34, 5172-5180.	11.4	21
142	A role for O-1602 and G protein-coupled receptor GPR55 in the control of colonic motility in mice. Neuropharmacology, 2013, 71, 255-263.	4.1	64
143	Selective Requirement of PI3K/PDK1 Signaling for Kras Oncogene-Driven Pancreatic Cell Plasticity and Cancer. Cancer Cell, 2013, 23, 406-420.	16.8	291
144	Mdm2 inhibitors synergize with topoisomerase II inhibitors to induce p53â€independent pancreatic cancer cell death. International Journal of Cancer, 2013, 132, 2248-2257.	5.1	26

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145	Interstitial cells of Cajal integrate excitatory and inhibitory neurotransmission with intestinal slow-wave activity. Nature Communications, 2013, 4, 1630.	12.8	175
146	One-Step Synthesis of High-Coercivity L1₀-FePtAg Nanoparticles: Effects of Ag on the Morphology and Chemical Ordering of FePt Nanoparticles. Chemistry of Materials, 2013, 25, 2450-2454.	6.7	51
147	IKKÎ± controls canonical TGFÎ²â€“SMAD signaling to regulate genes expressing SNAIL and SLUG during EMT in Panc1 cells. Journal of Cell Science, 2013, 126, 2747-2747.	2.0	4
148	Adult Renal Mesenchymal Stem Cellâ€“Like Cells Contribute to Juxtaglomerular Cell Recruitment. Journal of the American Society of Nephrology: JASN, 2013, 24, 1263-1273.	6.1	39
149	IL-6 trans-signaling promotes pancreatitis-associated lung injury and lethality. Journal of Clinical Investigation, 2013, 123, 1019-1031.	8.2	238
150	Efficient Generation of Rat Induced Pluripotent Stem Cells Using a Non-Viral Inducible Vector. PLoS ONE, 2013, 8, e55170.	2.5	23
151	Efemp1 and p27Kip1 modulate responsiveness of pancreatic cancer cells towards a dual PI3K/mTOR inhibitor in preclinical models. Oncotarget, 2013, 4, 277-288.	1.8	36
152	PORCINE MODELS FOR HUMAN CANCER. Reproduction, Fertility and Development, 2013, 25, 321.	0.4	1
153	Viszerale HypersensitivitÃt im multimodalen Konzept der Schmerzentstehung bei funktionellen gastroÃ¶sophagealen Erkrankungen. Verdauungskrankheiten, 2013, 31, 180-186.	0.0	0
154	Quo vadis, Kras?. Oncotarget, 2013, 4, 1336-1337.	1.8	0
155	Bispectral index monitoring of midazolam and propofol sedation during endoscopic retrograde cholangiopancreatography: a randomized clinical trial (the EndoBIS study). Endoscopy, 2012, 44, 258-264.	1.8	45
156	A ZEB1-HDAC pathway enters the epithelial to mesenchymal transition world in pancreatic cancer: Figure 1. Gut, 2012, 61, 329-330.	12.1	15
157	Neuronal cGMP kinase I is essential for stimulation of duodenal bicarbonate secretion by luminal acid. FASEB Journal, 2012, 26, 1745-1754.	0.5	18
158	MYC directs transcription of MCL1 and eIF4E genes to control sensitivity of gastric cancer cells toward HDAC inhibitors. Cell Cycle, 2012, 11, 1593-1602.	2.6	48
159	135 MYC Controls Transcription of NOXa and BIM to Trigger Apoptosis. European Journal of Cancer, 2012, 48, S32.	2.8	0
160	175 MYC Directs Transcription of MCL1 and EIF4E Genes to Control Sensitivity of Gastric Cancer Cells Towards HDAC Inhibitors. European Journal of Cancer, 2012, 48, S42.	2.8	0
161	711 Snail Bypasses Senescence and Accelerates Tumor Progression in a Kras-driven Mouse Model of Pancreatic Cancer. European Journal of Cancer, 2012, 48, S168-S169.	2.8	0
162	A Porcine Model of Familial Adenomatous Polyposis. Gastroenterology, 2012, 143, 1173-1175.e7.	1.3	115

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163	Production of avian retroviruses and tissue-specific somatic retroviral gene transfer in vivo using the RCAS/TVA system. Nature Protocols, 2012, 7, 1167-1183.	12.0	48
164	Mesenchymal Stem Cells: Therapeutic Potential for Acute Pancreatitis. Gastroenterology, 2011, 140, 779-782.	1.3	21
165	Disclosure of Erlotinib as a Multikinase Inhibitor in Pancreatic Ductal Adenocarcinoma. Neoplasia, 2011, 13, 1026-IN24.	5.3	41
166	Clonal Production and Organization of Inhibitory Interneurons in the Neocortex. Science, 2011, 334, 480-486.	12.6	136
167	A Simple and Cost-Effective Method to Transfect Small Interfering RNAs Into Pancreatic Cancer Cell Lines Using Polyethylenimine. Pancreas, 2011, 40, 144-150.	1.1	8
168	Acetylation as a Transcriptional Control Mechanismâ€"HDACs and HATs in Pancreatic Ductal Adenocarcinoma. Journal of Gastrointestinal Cancer, 2011, 42, 85-92.	1.3	37
169	The atypical cannabinoid O-1602 protects against experimental colitis and inhibits neutrophil recruitment. Inflammatory Bowel Diseases, 2011, 17, 1651-1664.	1.9	95
170	In vivo diagnosis of murine pancreatic intraepithelial neoplasia and early-stage pancreatic cancer by molecular imaging. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9945-9950.	7.1	80
171	Truncated IRAG variants modulate cGMP-mediated inhibition of human colonic smooth muscle cell contraction. American Journal of Physiology - Cell Physiology, 2011, 301, C1445-C1457.	4.6	10
172	SKP2 confers resistance of pancreatic cancer cells towards TRAIL-induced apoptosis. International Journal of Oncology, 2010, 38, .	3.3	21
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