

# Anthony P Orth

## List of Publications by Year in descending order

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27  
papers

3,782  
citations

394421

19  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

6575  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput CRISPR-mediated 3D enrichment platform for functional interrogation of chemotherapeutic resistance. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3187-3199.	3.3	3
2	Functional profiling of microtumors to identify cancer associated fibroblast-derived drug targets. <i>Oncotarget</i> , 2017, 8, 99913-99930.	1.8	33
3	High Throughput Random Mutagenesis and Single Molecule Real Time Sequencing of the Muscle Nicotinic Acetylcholine Receptor. <i>PLoS ONE</i> , 2016, 11, e0163129.	2.5	10
4	High Throughput Mutagenesis for Identification of Residues Regulating Human Prostacyclin (hIP) Receptor Expression and Function. <i>PLoS ONE</i> , 2014, 9, e97973.	2.5	13
5	Akt-Mediated Phosphorylation of Argonaute 2 Downregulates Cleavage and Upregulates Translational Repression of MicroRNA Targets. <i>Molecular Cell</i> , 2013, 50, 356-367.	9.7	142
6	Cofactors Required for TLR7- and TLR9-Dependent Innate Immune Responses. <i>Cell Host and Microbe</i> , 2012, 11, 306-318.	11.0	40
7	Identification of RING finger protein 4 (RNF4) as a modulator of DNA demethylation through a functional genomics screen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15087-15092.	7.1	63
8	Global Analysis of Host-Pathogen Interactions that Regulate Early-Stage HIV-1 Replication. <i>Cell</i> , 2008, 135, 49-60.	28.9	881
9	Cellular Ser/Thr-Kinase Assays Using Generic Peptide Substrates. <i>Current Chemical Genomics</i> , 2008, 1, 54-64.	2.0	5
10	Effects of stress on the hemolymph juvenile hormone binding protein titers of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 847-854.	2.7	27
11	A coactivator trap identifies NONO (p53 <sup>nrb</sup>) as a component of the cAMP-signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20314-20319.	7.1	103
12	Identification of the tyrosine phosphatase PTP-MEG2 as an antagonist of hepatic insulin signaling. <i>Cell Metabolism</i> , 2006, 3, 367-378.	16.2	70
13	A functional genomics approach to the mode of action of apratoxin A. <i>Nature Chemical Biology</i> , 2006, 2, 158-167.	8.0	154
14	High-Content Screening of Functional Genomic Libraries. <i>Methods in Enzymology</i> , 2006, 414, 530-565.	1.0	19
15	Genome-wide functional analysis of human cell-cycle regulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14819-14824.	7.1	128
16	Identification of the Wnt signaling activator leucine-rich repeat in Flightless interaction protein 2 by a genome-wide functional analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1927-1932.	7.1	76
17	Identification of novel mammalian growth regulatory factors by genome-scale quantitative image analysis. <i>Genome Research</i> , 2005, 15, 1136-1144.	5.5	45
18	The promise of genomics to identify novel therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2004, 8, 587-596.	3.4	52

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19	Embryonic expression of juvenile hormone binding protein and its relationship to the toxic effects of juvenile hormone in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 1275-1284.	2.7	26
20	Allelic variation in the hemolymph juvenile hormone binding protein gene of <i>Manduca sexta</i> . <i>Molecular and Cellular Endocrinology</i> , 2003, 208, 41-50.	3.2	5
21	Identification of a family of cAMP response element-binding protein coactivators by genome-scale functional analysis in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12147-12152.	7.1	348
22	Genome-scale functional profiling of the mammalian AP-1 signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12153-12158.	7.1	115
23	Large-scale analysis of the human and mouse transcriptomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4465-4470.	7.1	1,366
24	Ligand regulation of juvenile hormone binding protein mRNA in mutant <i>Manduca sexta</i> . <i>Molecular and Cellular Endocrinology</i> , 1999, 149, 61-69.	3.2	22
25	Juvenile hormone regulation of hemolymph juvenile hormone binding protein in the black strain of the tobacco hornworm, <i>Manduca sexta</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 1995, 30, 165-176.	1.5	7
26	Recent advances in radioimmunoassay technology for the juvenile hormones. <i>Archives of Insect Biochemistry and Physiology</i> , 1995, 30, 295-306.	1.5	29
27	Genomic cDNA and RNAi Functional Profiling and Its Potential Application to the Study of Mammalian Stem Cells. , 0, , 83-107.		0