Peter Albert Gegenheimer

List of Publications by Year
in descending order

21	1,390	430442 18	713013 21
papers	citations	h-index	g-index

21	21	21	567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PPR proteins shed a new light on RNase P biology. RNA Biology, 2013, 10, 1457-1468.	1.5	41
2	Structural Analysis of the Regulatory Dithiol-containing Domain of the Chloroplast ATP Synthase Î³ Subunit. Journal of Biological Chemistry, 2006, 281, 31041-31049.	1.6	31
3	Chloroplast ribonuclease P does not utilize the ribozyme-type pre-tRNA cleavage mechanism. Rna, 2000, 6, 545-553.	1.6	60
4	Evidence for an RNA-based catalytic mechanism in eukaryotic nuclear ribonuclease P. Rna, 2000, 6, 554-562.	1.6	42
5	Enzyme nomenclature: Functional or structural?. Rna, 2000, 6, 1695-1697.	1.6	7
6	The 20 C-terminal Amino Acid Residues of the Chloroplast ATP Synthase Î³ Subunit Are Not Essential for Activity. Journal of Biological Chemistry, 1999, 274, 13824-13829.	1.6	44
7	Ribonuclease P Catalysis Requires Mg2+Coordinated to thepro-RPOxygen of the Scissile Bondâ€. Biochemistry, 1997, 36, 2425-2438.	1.2	82
8	Structure, mechanism and evolution of chloroplast transfer RNA processing systems. Molecular Biology Reports, 1996, 22, 147-150.	1.0	23
9	A Subunit Interaction in Chloroplast ATP Synthase Determined by Genetic Complementation between Chloroplast and Bacterial ATP Synthase Genes. Journal of Biological Chemistry, 1995, 270, 17124-17132.	1.6	16
10	Over-expression and refolding of Î²-subunit from the chloroplast ATP synthase. FEBS Letters, 1992, 298, 69-73.	1.3	20
11	Cleavage Specificity of Chloroplast and Nuclear tRNA 3â€²-Processing Nucleases. Molecular and Cellular Biology, 1992, 12, 865-875.	1.1	20
12	Substrate masking: binding of RNA by EGTA-inactivated micrococcal nuclease results in artifactual inhibition of RNA processing reactions. Nucleic Acids Research, 1990, 18, 6625-6631.	6.5	34
13	Electronic fingerprinting of RNA. Nucleic Acids Research, 1988, 16, 1799-1800.	6.5	2
14	Novel mechanisms for maturation of chloroplast transfer RNA precursors. EMBO Journal, 1988, 7, 1567-1574.	3.5	130
15	Mechanism of action of a yeast RNA ligase in tRNA splicing. Cell, 1983, 32, 537-546.	13.5	310
16	Precise excision of intervening sequences from precursor tRNAs by a membrane-associated yeast endonuclease. Cell, 1983, 32, 525-536.	13.5	289
17	Cell-Free Circularization of Viroid Progeny RNA by an RNA Ligase from Wheat Germ. Science, 1982, 217, 1147-1149.	6.0	81
18	Processing of bacterial RNA. FEBS Letters, 1981, 125, 1-9.	1.3	21

#	Article	IF	Citations
19	Precursors to 16S and 23S ribosomal RNA from a ribonuclease IIIâ'strain of Escherichia coli contain intact RNase III processing sites. Nucleic Acids Research, 1980, 8, 1873-1891.	6.5	41
20	Structural characterization and in vitro processing of Escherichia coli ribosomal RNA transcripts containing 5â€² triphosphates, leader sequences, 16 S rRNA, and spacer tRNAs. Journal of Molecular Biology, 1980, 143, 227-257.	2.0	29
21	Processing of rRNA by RNAase P: Spacer tRNAs are linked to 16S rRNA in an RNAase P RNAase III mutant strain of E. coli. Cell, 1978, 15, 527-539.	13.5	67