Anna Maria Kietrys

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20 papers	395 citations	10 h-index	19 g-index
21 ext. papers	517 ext. citations	13.1 avg, IF	4.16 L-index

#	Paper	IF	Citations
20	Chemical and structural effects of base modifications in messenger RNA. *Nature*, **2017**, 541, 339-346	50.4	118
19	Exceptionally rapid oxime and hydrazone formation promoted by catalytic amine buffers with low toxicity. *Chemical Science*, **2018**, 9, 5252-5259	9.4	43
18	RNA Control by Photoreversible Acylation. *Journal of the American Chemical Society*, **2018**, 140, 3491-3495	15.4	36
17	RNA Cloaking by Reversible Acylation. *Angewandte Chemie - International Edition*, **2018**, 57, 3059-3063	16.4	32
16	Potent and Selective Inhibitors of 8-Oxoguanine DNA Glycosylase. *Journal of the American Chemical Society*, **2018**, 140, 2105-2114	16.4	30
15	Luminescent Carbon Dot Mimics Assembled on DNA. *Journal of the American Chemical Society*, **2017**, 139, 13147-13155	16.4	25
14	Fingerprints of Modified RNA Bases from Deep Sequencing Profiles. *Journal of the American Chemical Society*, **2017**, 139, 17074-17081	16.4	25
13	Reversible RNA acylation for control of CRISPR-Cas9 gene editing. *Chemical Science*, **2019**, 11, 1011-1016	9.4	22
12	Selection of RNA oligonucleotides that can modulate human dicer activity in vitro. *Nucleic Acid Therapeutics*, **2011**, 21, 333-46	4.8	15
11	Simple alkanoyl acylating agents for reversible RNA functionalization and control. *Chemical Communications*, **2019**, 55, 5135-5138	5.8	12
10	Dual Inhibitors of 8-Oxoguanine Surveillance by OGG1 and NUDT1. *ACS Chemical Biology*, **2019**, 14, 2606-2615	4.6	9
9	Polyacetate and Polycarbonate RNA: Acylating Reagents and Properties. *Organic Letters*, **2019**, 21, 5413-5416	6.2	8
8	Epigenetics: A new methyl mark on messengers. *Nature*, **2016**, 530, 423-4	50.4	7
7	RNA Cloaking by Reversible Acylation. *Angewandte Chemie*, **2018**, 130, 3113-3117	3.6	6
6	Antisense oligonucleotides targeting universally conserved 26S rRNA domains of plant ribosomes at different steps of polypeptide elongation. *Oligonucleotides*, **2008**, 18, 175-86		3
5	An Excimer Clamp for Measuring Damaged-Base Excision by the DNA Repair Enzyme NTH1. *Angewandte Chemie - International Edition*, **2020**, 59, 7450-7455	16.4	2
4	Life with Oxidative Stress. *Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa*, **2012**, 33, 509-528		1

3	Epitranscriptomic Modifications and How to Find Them. *RNA Technologies*, **2021**, 165-196	0.2	1
2	An Excimer Clamp for Measuring Damaged-Base Excision by the DNA Repair Enzyme NTH1. *Angewandte Chemie*, **2020**, 132, 7520-7525	3.6	0
1	ATP-Linked Chimeric Nucleotide as a Specific Luminescence Reporter of Deoxyuridine Triphosphatase. *Bioconjugate Chemistry*, **2018**, 29, 1614-1621	6.3	0