Peter Nagy

List of Publications by Year in Descending Order

52 papers	6,990 citations	28 h-index	58 g-index
58 ext. papers	8,110 ext. citations	6.7 avg, IF	5.57 L-index

#	Paper	IF	Citations
52	Microbes affect gut epithelial cell composition through immune-dependent regulation of intestinal stem cell differentiation.. *Cell Reports*, **2022**, 38, 110572	10.6	2
51	Recommendations for Effective Intersectoral Collaboration in Health Promotion Interventions: Results from Joint Action CHRODIS-PLUS Work Package 5 Activities. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	4
50	Hydrogen sulfide inhibits calcification of heart valves; implications for calcific aortic valve disease. *British Journal of Pharmacology*, **2020**, 177, 793-809	8.6	8
49	A proof-of-concept, Phase 2 clinical trial of the gastrointestinal safety of a hydrogen sulfide-releasing anti-inflammatory drug. *British Journal of Pharmacology*, **2020**, 177, 769-777	8.6	44
48	Nephrocytes Remove Microbiota-Derived Peptidoglycan from Systemic Circulation to Maintain Immune Homeostasis. *Immunity*, **2019**, 51, 625-637.e3	32.3	20
47	The reaction of hydrogen sulfide with disulfides: formation of a stable trisulfide and implications for biological systems. *British Journal of Pharmacology*, **2019**, 176, 671-683	8.6	45
46	Metabolism of sulfur compounds in homocystinurias. *British Journal of Pharmacology*, **2019**, 176, 594-606	8.6	20
45	Autophagy maintains stem cells and intestinal homeostasis in Drosophila. *Scientific Reports*, **2018**, 8, 4644	4.9	34
44	Atg16 promotes enteroendocrine cell differentiation via regulation of intestinal Slit/Robo signaling. *Development (Cambridge)*, **2017**, 144, 3990-4001	6.6	19
43	The Ccz1-Mon1-Rab7 module and Rab5 control distinct steps of autophagy. *Molecular Biology of the Cell*, **2016**, 27, 3132-3142	3.5	108
42	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
41	Loss of Atg16 delays the alcohol-induced sedation response via regulation of Corazonin neuropeptide production in Drosophila. *Scientific Reports*, **2016**, 6, 34641	4.9	23
40	Stem-cell-specific endocytic degradation defects lead to intestinal dysplasia in Drosophila. *DMM Disease Models and Mechanisms*, **2016**, 9, 501-12	4.1	15
39	Autophagosome-lysosome fusion is independent of V-ATPase-mediated acidification. *Nature Communications*, **2015**, 6, 7007	17.4	216
38	Interactions of hydrogen sulfide with myeloperoxidase. *British Journal of Pharmacology*, **2015**, 172, 1516-32	8.6	75
37	How and why to study autophagy in Drosophila: it's more than just a garbage chute. *Methods*, **2015**, 75, 151-61	4.6	66
36	Rapid reaction of superoxide with insulin-tyrosyl radicals to generate a hydroperoxide with subsequent glutathione addition. *Free Radical Biology and Medicine*, **2014**, 70, 86-95	7.8	24

35	Nitrosopersulfide (SSNO(-)) accounts for sustained NO bioactivity of S-nitrosothiols following reaction with sulfide. *Redox Biology*, **2014**, 2, 234-44	11.3	107
34	Chemical aspects of hydrogen sulfide measurements in physiological samples. *Biochimica Et Biophysica Acta - General Subjects*, **2014**, 1840, 876-91	4	191
33	Atg17/FIP200 localizes to perilysosomal Ref(2)P aggregates and promotes autophagy by activation of Atg1 in Drosophila. *Autophagy*, **2014**, 10, 453-67	10.2	55
32	Polysulfides link H2S to protein thiol oxidation. *Antioxidants and Redox Signaling*, **2013**, 19, 1749-65	8.4	328
31	Kinetics and mechanisms of thiol-disulfide exchange covering direct substitution and thiol oxidation-mediated pathways. *Antioxidants and Redox Signaling*, **2013**, 18, 1623-41	8.4	241
30	Myc-driven overgrowth requires unfolded protein response-mediated induction of autophagy and antioxidant responses in Drosophila melanogaster. *PLoS Genetics*, **2013**, 9, e1003664	6	69
29	Autophagosomal Syntaxin17-dependent lysosomal degradation maintains neuronal function in Drosophila. *Journal of Cell Biology*, **2013**, 201, 531-9	7.3	216
28	Conjugation of glutathione to oxidized tyrosine residues in peptides and proteins. *Journal of Biological Chemistry*, **2012**, 287, 26068-76	5.4	20
27	Advantages and limitations of different p62-based assays for estimating autophagic activity in Drosophila. *PLoS ONE*, **2012**, 7, e44214	3.7	97
26	Model for the exceptional reactivity of peroxiredoxins 2 and 3 with hydrogen peroxide: a kinetic and computational study. *Journal of Biological Chemistry*, **2011**, 286, 18048-55	5.4	92
25	Removal of amino acid, peptide and protein hydroperoxides by reaction with peroxiredoxins 2 and 3. *Biochemical Journal*, **2010**, 432, 313-21	3.8	45
24	Rapid reaction of hydrogen sulfide with the neutrophil oxidant hypochlorous acid to generate polysulfides. *Chemical Research in Toxicology*, **2010**, 23, 1541-3	4	159
23	Redox Chemistry of Biological Thiols. *Advances in Molecular Toxicology*, **2010**, 183-222	0.4	78
22	Reactions of superoxide with the myoglobin tyrosyl radical. *Free Radical Biology and Medicine*, **2010**, 48, 1540-7	7.8	25
21	Neutrophil-mediated oxidation of enkephalins via myeloperoxidase-dependent addition of superoxide. *Free Radical Biology and Medicine*, **2010**, 49, 792-9	7.8	17
20	Hypothiocyanous acid is a potent inhibitor of apoptosis and caspase 3 activation in endothelial cells. *Free Radical Biology and Medicine*, **2010**, 49, 1054-63	7.8	39
19	Superoxide-mediated formation of tyrosine hydroperoxides and methionine sulfoxide in peptides through radical addition and intramolecular oxygen transfer. *Journal of Biological Chemistry*, **2009**, 284, 14723-33	5.4	39
18	Kinetics and mechanisms of the reaction of hypothiocyanous acid with 5-thio-2-nitrobenzoic acid and reduced glutathione. *Chemical Research in Toxicology*, **2009**, 22, 1833-40	4	88

17	Kinetics and mechanism of triethylamine-catalyzed 1,3-proton shift: Optimized and substantially improved reaction conditions for biomimetic reductive amination of fluorine-containing carbonyl compounds. *Journal of Fluorine Chemistry*, **2008**, 129, 409-415	2.1	11
16	Kinetics and mechanism of the comproportionation of hypothiocyanous acid and thiocyanate to give thiocyanogen in acidic aqueous solution. *Inorganic Chemistry*, **2007**, 46, 285-92	5.1	27
15	Reactive sulfur species: hydrolysis of hypothiocyanite to give thiocarbamate-S-oxide. *Journal of the American Chemical Society*, **2007**, 129, 15756-7	16.4	18
14	Kinetics and mechanism of the oxidation of the glutathione dimer by hypochlorous Acid and catalytic reduction of the chloroamine product by glutathione reductase. *Chemical Research in Toxicology*, **2007**, 20, 79-87	4	24
13	Reactive sulfur species: kinetics and mechanism of the hydrolysis of cysteine thiosulfinate ester. *Chemical Research in Toxicology*, **2007**, 20, 1364-72	4	28
12	Revisiting a proposed kinetic model for the reaction of cysteine and hydrogen peroxide via cysteine sulfenic acid. *International Journal of Chemical Kinetics*, **2007**, 39, 32-38	1.4	17
11	Reactive sulfur species: kinetics and mechanisms of the oxidation of cysteine by hypohalous acid to give cysteine sulfenic acid. *Journal of the American Chemical Society*, **2007**, 129, 14082-91	16.4	142
10	Reactive sulfur species: kinetics and mechanisms of the reaction of cysteine thiosulfinate ester with cysteine to give cysteine sulfenic acid. *Journal of Organic Chemistry*, **2007**, 72, 8838-46	4.2	36
9	On the kinetics and mechanism of the reaction of cysteine and hydrogen peroxide in aqueous solution. *Journal of Pharmaceutical Sciences*, **2006**, 95, 15-8	3.9	20
8	Thiocyanate is an efficient endogenous scavenger of the phagocytic killing agent hypobromous acid. *Chemical Research in Toxicology*, **2006**, 19, 587-93	4	63
7	Lactoperoxidase-catalyzed oxidation of thiocyanate by hydrogen peroxide: a reinvestigation of hypothiocyanite by nuclear magnetic resonance and optical spectroscopy. *Biochemistry*, **2006**, 45, 12610-6	3.2	44
6	Solubility, complex formation, and redox reactions in the Tl2O3-HCN/CN(-)-H2O system. Crystal structures of the cyano compounds Tl(CN)3.H2O, Na[Tl(CN)4].3H2O, K[Tl(CN)4], and Tl(I)[Tl(III)(CN)4] and of Tl(I)2C2O4. *Inorganic Chemistry*, **2005**, 44, 2347-57	5.1	14
5	Reactive sulfur species: kinetics and mechanism of the oxidation of cystine by hypochlorous acid to give N,NSdichlorocystine. *Chemical Research in Toxicology*, **2005**, 18, 919-23	4	41
4	Metal-metal bond or isolated metal centers? Interaction of Hg(CN)2 with square planar transition metal cyanides. *Inorganic Chemistry*, **2005**, 44, 9643-51	5.1	16
3	The decomposition and formation of the platinum□thallium bond in the [(CN)5Pt□Tl(edta)]4□ complex: kinetics and mechanism. *Journal of Molecular Liquids*, **2005**, 118, 195-207	6	4
2	Kinetics and mechanism of platinum-thallium bond formation: the binuclear [(CN)5Pt-Tl(CN)](-) and the trinuclear [(CN)5Pt-Tl-Pt(CN)5](3-) complex. *Inorganic Chemistry*, **2004**, 43, 5216-21	5.1	9
1	Kinetics and mechanism of formation of the platinum-thallium bond: the [(CN)(5)Pt-Tl(CN)(3)](3)(-) complex. *Inorganic Chemistry*, **2003**, 42, 6907-14	5.1	5