

David Njus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2226462/publications.pdf>

Version: 2024-02-01

39
papers

2,426
citations

257357

24
h-index

315616

38
g-index

40
all docs

40
docs citations

40
times ranked

1292
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese-stimulated redox cycling of dopamine derivatives: Implications for manganism. <i>NeuroToxicology</i> , 2022, 90, 10-18.	1.4	3
2	Ascorbic acid: The chemistry underlying its antioxidant properties. <i>Free Radical Biology and Medicine</i> , 2020, 159, 37-43.	1.3	224
3	Are Proteinopathy and Oxidative Stress Two Sides of the Same Coin?. <i>Cells</i> , 2019, 8, 59.	1.8	6
4	A theoretical study of ascorbic acid oxidation and HOO^{\cdot} / O^{2-} radical scavenging. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4417-4431.	1.5	108
5	Hypochlorite converts cysteinyl-dopamine into a cytotoxic product: A possible factor in Parkinson's Disease. <i>Free Radical Biology and Medicine</i> , 2016, 101, 44-52.	1.3	21
6	Redox Cycling and Superoxide Generation Mediated by Mitochondria and NADH: Implications for Parkinson's Disease. <i>Biophysical Journal</i> , 2014, 106, 184a.	0.2	0
7	The epinephrine assay for superoxide: Why dopamine does not work. <i>Analytical Biochemistry</i> , 2008, 381, 142-147.	1.1	26
8	Clicker Evolution: Seeking Intelligent Design. <i>CBE Life Sciences Education</i> , 2007, 6, 1-8.	1.1	88
9	Oxidation of 4-Methylcatechol: Implications for the Oxidation of Catecholamines. <i>Biochemistry</i> , 2007, 46, 6978-6983.	1.2	24
10	Imidazole facilitates electron transfer from organic reductants. <i>Bioelectrochemistry</i> , 2004, 64, 7-13.	2.4	27
11	Mechanism of Ascorbic Acid Oxidation by Cytochrome b561. <i>Biochemistry</i> , 2001, 40, 11905-11911.	1.2	45
12	Evidence for an Essential Histidine Residue in the Ascorbate-Binding Site of Cytochrome b561. <i>Biochemistry</i> , 2001, 40, 3931-3937.	1.2	17
13	Determination of Transport Parameters of Permeant Substrates of the Vesicular Amine Transporter. <i>Analytical Biochemistry</i> , 1998, 257, 127-133.	1.1	9
14	The secretory-vesicle ascorbate-regenerating system: A chain of concerted H^+/e^- -transfer reactions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1993, 1144, 235-248.	0.5	77
15	Electron transfer in chromaffin-vesicle ghosts containing peroxidase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1135, 280-286.	1.9	6
16	Vitamins C and E donate single hydrogen atoms in vivo. <i>FEBS Letters</i> , 1991, 284, 147-151.	1.3	116
17	Mechanism of Ascorbic Acid Regeneration Mediated by Cytochrome b561. <i>Annals of the New York Academy of Sciences</i> , 1987, 493, 108-119.	1.8	44
18	Kinetics of Ferricyanide Reduction by Ascorbate-loaded Chromaffin-Vesicle Ghosts. <i>Annals of the New York Academy of Sciences</i> , 1987, 493, 141-144.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Inhibition of Norepinephrine Transport and Reserpine Binding by Reserpine Derivatives. <i>Journal of Neurochemistry</i> , 1987, 48, 949-953.	2.1	15
20	Bioenergetics of secretory vesicles. <i>Biochimica Et Biophysica Acta - Reviews on Bioenergetics</i> , 1986, 853, 237-265.	0.8	198
21	An electron transfer-dependent membrane potential in chromaffin vesicle ghosts. <i>Biochemistry</i> , 1985, 24, 384-389.	1.2	19
22	Rate of transmembrane electron transfer in chromaffin-vesicle ghosts. <i>Biochemistry</i> , 1985, 24, 2640-2644.	1.2	23
23	Kinetics of tyramine transport and permeation across chromaffin-vesicle membranes. <i>Biochemistry</i> , 1984, 23, 2011-2016.	1.2	27
24	The chromaffin vesicle and the energetics of storage organelles. <i>Journal of the Autonomic Nervous System</i> , 1983, 7, 35-40.	1.9	13
25	A spin-label study of plasma membranes of adrenal chromaffin cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 728, 92-96.	1.4	3
26	Multiple effects of reserpine on chromaffin-granule membranes. <i>Biochemistry</i> , 1982, 21, 1051-1055.	1.2	28
27	Stoichiometry of hydrogen ion-linked dopamine transport in chromaffin granule ghosts. <i>Biochemistry</i> , 1981, 20, 6625-6629.	1.2	76
28	Precision of the <i>Gonyaulax</i> circadian clock. <i>Cell Biophysics</i> , 1981, 3, 223-231.	0.4	41
29	Proton-Linked Transport in Chromaffin Granules. 1 Abbreviations: $\Delta\psi$, transmembrane potential; ΔpH , transmembrane pH gradient; $\Delta\mu_{\text{H}^+}$ proton motive force, $= \Delta\psi - [2.3RT/F]\Delta\text{pH}$; ATPase, adenosine triphosphatase; DCCD, N,N-dicyclohexylcarbodiimide; DNP, 2,4-dinitrophenol; FCCP, carbonyl cyanide p-trifluoromethoxyphenyl hydrazone; L-DOPA, L-dihydroxyphenylalanine; Nbf-Cl, 4-chloro-7-nitrobenzofurazan; NMR, nuclear magnetic resonance; S-13, 5-chloro-3-tert-butyl-2-chloro-4-nitrosalicylanilide. <i>Current Topics in Bioenergetics</i> , 1981, 11, 107-147.	2.7	102
30	Electrogenic epinephrine transport in chromaffin granule ghosts. <i>Biochemistry</i> , 1980, 19, 2938-2942.	1.2	74
31	Bioenergetic processes in chromaffin granules a new perspective on some old problems. <i>Biochimica Et Biophysica Acta - Reviews on Bioenergetics</i> , 1978, 463, 219-244.	0.8	135
32	Phosphorus-31 nuclear magnetic resonance studies of active proton translocation in chromaffin granules. <i>Biochemistry</i> , 1978, 17, 4337-4343.	1.2	77
33	Active proton uptake by chromaffin granules: observation by amine distribution and phosphorus-31 nuclear magnetic resonance techniques. <i>Biochemistry</i> , 1977, 16, 972-977.	1.2	239
34	Conditionality of circadian rhythmicity: Synergistic action of light and temperature. <i>Journal of Comparative Physiology</i> \hat{a} -j B, 1977, 117, 335-344.	2.0	71
35	The search for the biochemical clock. <i>Trends in Biochemical Sciences</i> , 1976, 1, 79-80.	3.7	2
36	Dinoflagellate bioluminescence: A comparative study of invitro components. <i>Journal of Cellular Physiology</i> , 1976, 87, 123-134.	2.0	73

#	ARTICLE	IF	CITATIONS
37	A sensitive assay for proteolytic enzymes using bacterial luciferase as a substrate. Analytical Biochemistry, 1974, 61, 280-287.	1.1	43
38	Membrane model for the circadian clock. Nature, 1974, 248, 116-120.	13.7	298
39	Active proteolytic fragment of Gonyaulax luciferase. Biochemistry, 1974, 13, 2871-2877.	1.2	27