Roger E Koeppe

List of Publications by Year
in descending order

137	7,583	46	84
papers	citations	h-index	g-index
		49802	55701

145	145	145	5537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intrinsic Lipid Curvature and Bilayer Elasticity as Regulators of Channel Function: A Comparative Single-Molecule Study. International Journal of Molecular Sciences, 2024, 25, 2758.	4.2	0
2	Examination of pH dependency and orientation differences of membrane spanning alpha helices carrying a single or pair of buried histidine residues. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183501.	2.7	3
3	Lipid-Dependent Titration of Glutamic Acid at a Bilayer Membrane Interface. ACS Omega, 2021, 6, 8488-8494.	3.6	3
4	Illuminating Disorder Induced by Glu in a Stable Arg-Anchored Transmembrane Helix. ACS Omega, 2021, 6, 20611-20618.	3.6	1
5	Membrane electrostatics sensed by tryptophan anchors in hydrophobic model peptides depends on non-aromatic interfacial amino acids: implications in hydrophobic mismatch. Faraday Discussions, 2021, 232, 330-346.	3.7	3
6	Influence of interfacial tryptophan residues on an arginine-flanked transmembrane helix. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183134.	2.7	0
7	Comparing Interfacial Trp, Interfacial His and pH Dependence for the Anchoring of Tilted Transmembrane Helical Peptides. Biomolecules, 2020, 10, 273.	4.2	3
8	Breaking the Backbone: Central Arginine Residues Induce Membrane Exit and Helix Distortions within a Dynamic Membrane Peptide. Journal of Physical Chemistry B, 2019, 123, 8034-8047.	2.7	7
9	Influence of Lipid Saturation, Hydrophobic Length and Cholesterol on Doubleâ€Arginineâ€Containing Helical Peptides in Bilayer Membranes. ChemBioChem, 2019, 20, 2784-2792.	2.8	6
10	Antidepressants are modifiers of lipid bilayer properties. Journal of General Physiology, 2019, 151, 342-356.	1.9	49
11	Transmembrane Helix Integrity versus Fraying To Expose Hydrogen Bonds at a Membraneâ€“Water Interface. Biochemistry, 2019, 58, 633-645.	2.6	10
12	Helix formation and stability in membranes. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2108-2117.	2.7	49
13	Wavelength-Selective Fluorescence of a Model Transmembrane Peptide: Constrained Dynamics of Interfacial Tryptophan Anchors. Journal of Fluorescence, 2018, 28, 1317-1323.	2.6	2
14	Membrane Bending Moduli of Coexisting Liquid Phases Containing Transmembrane Peptide. Biophysical Journal, 2018, 115, 164.	0.5	1
15	Membrane Bending Moduli of Coexisting Liquid Phases Containing Transmembrane Peptide. Biophysical Journal, 2018, 114, 2152-2164.	0.5	23
16	Control of Transmembrane Helix Dynamics by Interfacial Tryptophan Residues. Biophysical Journal, 2018, 114, 2617-2629.	0.5	13
17	Influence of glutamic acid residues and pH on the properties of transmembrane helices. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 484-492.	2.7	12
18	Exchange of Gramicidin between Lipid Bilayers: Implications for the Mechanism of Channel Formation. Biophysical Journal, 2017, 113, 1757-1767.	0.5	20

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19	Characterizing Residue-Bilayer Interactions Using Gramicidin A as a Scaffold and Tryptophan Substitutions as Probes. Journal of Chemical Theory and Computation, 2017, 13, 5054-5064.	5.6	14
20	Juxtaâ€terminal Helix Unwinding as a Stabilizing Factor to Modulate the Dynamics of Transmembrane Helices. ChemBioChem, 2016, 17, 462-465.	2.8	16
21	Ionization Properties of Histidine Residues in the Lipid Bilayer Membrane Environment. Journal of Biological Chemistry, 2016, 291, 19146-19156.	3.5	27
22	Lipid bilayer thickness determines cholesterol's location in model membranes. Soft Matter, 2016, 12, 9417-9428.	2.8	61
23	Influence of High pH and Cholesterol on Single Arginine-Containing Transmembrane Peptide Helices. Biochemistry, 2016, 55, 6337-6343.	2.6	13
24	Influence of Cholesterol on Single Arginine-Containing Transmembrane Helical Peptides. Biophysical Journal, 2015, 108, 553a.	0.5	1
25	Dynamic regulation of lipidâ€“protein interactions. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1849-1859.	2.7	15
26	A general mechanism for drug promiscuity: Studies with amiodarone and other antiarrhythmics. Journal of General Physiology, 2015, 146, 463-475.	1.9	35
27	Importance of indole NH hydrogen bonding in the organization and dynamics of gramicidin channels. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 419-428.	2.7	23
28	Ion-Induced Defect Permeation of Lipid Membranes. Biophysical Journal, 2014, 106, 586-597.	0.5	95
29	Comparisons of Interfacial Phe, Tyr, and Trp Residues as Determinants of Orientation and Dynamics for GWALP Transmembrane Peptides. Biochemistry, 2014, 53, 3637-3645.	2.6	40
30	Interactions of drugs and amphiphiles with membranes: modulation of lipid bilayer elastic properties by changes in acyl chain unsaturation and protonation. Faraday Discussions, 2013, 161, 461-480.	3.7	36
31	Buried lysine, but not arginine, titrates and alters transmembrane helix tilt. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1692-1695.	7.6	88
32	Single Tryptophan and Tyrosine Comparisons in the N-Terminal and C-Terminal Interface Regions of Transmembrane GWALP Peptides. Journal of Physical Chemistry B, 2013, 117, 13786-13794.	2.7	12
33	Phosphoinositides alter lipid bilayer properties. Journal of General Physiology, 2013, 141, 673-690.	1.9	24
34	Proline Kink Angle Distributions for GWALP23 in Lipid Bilayers of Different Thicknesses. Biochemistry, 2012, 51, 3554-3564.	2.6	11
35	Membrane Organization and Dynamics of â€œInner Pairâ€• and â€œOuter Pairâ€• Tryptophan Residues in Gramicidin Channels. Journal of Physical Chemistry B, 2012, 116, 11056-11064.	2.7	19
36	Accommodation of a Central Arginine in a Transmembrane Peptide by Changing the Placement of Anchor Residues. Journal of Physical Chemistry B, 2012, 116, 12980-12990.	2.7	22

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37	Properties of Membrane-Incorporated WALP Peptides That Are Anchored on Only One End. Biochemistry, 2012, 51, 10066-10074.	2.6	7
38	Tyrosine Replacing Tryptophan as an Anchor in GWALP Peptides. Biochemistry, 2012, 51, 2044-2053.	2.6	48
39	Response of GWALP Transmembrane Peptides to Changes in the Tryptophan Anchor Positions. Biochemistry, 2011, 50, 7522-7535.	2.6	17
40	Gramicidin A Backbone and Side Chain Dynamics Evaluated by Molecular Dynamics Simulations and Nuclear Magnetic Resonance Experiments. II: Nuclear Magnetic Resonance Experiments. Journal of Physical Chemistry B, 2011, 115, 7427-7432.	2.7	5
41	The Membrane Interface Dictates Different Anchor Roles for â€œInner Pairâ€•and â€œOuter Pairâ€•Tryptophan Indole Rings in Gramicidin A Channels. Biochemistry, 2011, 50, 4855-4866.	2.6	17
42	Gramicidin A Backbone and Side Chain Dynamics Evaluated by Molecular Dynamics Simulations and Nuclear Magnetic Resonance Experiments. I: Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2011, 115, 7417-7426.	2.7	31
43	On the Combined Analysis of 2H and 15N/1H Solid-State NMR Data for Determination of Transmembrane Peptide Orientation and Dynamics. Biophysical Journal, 2011, 101, 2939-2947.	0.5	38
44	Gramicidin Channels as Cation Nanotubes. , 2011, , 11-30.		2
45	On the Treatment of Dynamics During Combined 2H GALA and 15N/1H PISEMA Analysis of Transmembrane Peptide Tilt using Solid-State NMR Data. Biophysical Journal, 2011, 100, 638a.	0.5	0
46	Amphiphile regulation of ion channel function by changes in the bilayer spring constant. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15427-15430.	7.6	111
47	Charged or Aromatic Anchor Residue Dependence of Transmembrane Peptide Tilt. Journal of Biological Chemistry, 2010, 285, 31723-31730.	3.5	62
48	A Combined Experimental and Theoretical Study of Ion Solvation in Liquid <i>N</i>-Methylacetamide. Journal of the American Chemical Society, 2010, 132, 10847-10856.	14.6	36
49	Changes in Transmembrane Helix Alignment by Arginine Residues Revealed by Solid-State NMR Experiments and Coarse-Grained MD Simulations. Journal of the American Chemical Society, 2010, 132, 5803-5811.	14.6	79
50	Polar Groups in Membrane Channels: Consequences of Replacing Alanines with Serines in Membrane-Spanning Gramicidin Channels. Biochemistry, 2010, 49, 6856-6865.	2.6	6
51	Influence of Proline upon the Folding and Geometry of the WALP19 Transmembrane Peptide. Biochemistry, 2009, 48, 11883-11891.	2.6	28
52	Helical Distortion in Tryptophan- and Lysine-Anchored Membrane-Spanning Î±-Helices as a Function of Hydrophobic Mismatch: A Solid-State Deuterium NMR Investigation Using the Geometric Analysis of Labeled Alanines Method. Biophysical Journal, 2008, 94, 480-491.	0.5	40
53	Role of Tryptophan Residues in Gramicidin Channel Organization and Function. Biophysical Journal, 2008, 95, 166-175.	0.5	39
54	Comparison of â€œPolarization Inversion with Spin Exchange at Magic Angleâ€•and â€œGeometric Analysis of Labeled Alaninesâ€•Methods for Transmembrane Helix Alignment. Journal of the American Chemical Society, 2008, 130, 12584-12585.	14.6	56

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55	Is There a Preferential Interaction between Cholesterol and Tryptophan Residues in Membrane Proteins?. Biochemistry, 2008, 47, 2638-2649.	2.6	26
56	The Preference of Tryptophan for Membrane Interfaces. Journal of Biological Chemistry, 2008, 283, 22233-22243.	3.5	94
57	Concerning Tryptophan and Proteinâ€“Bilayer Interactions. Journal of General Physiology, 2007, 130, 223-224.	1.9	18
58	Docosahexaenoic acid alters bilayer elastic properties. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9638-9643.	7.6	133
59	Multivariate Data Analysis for Enhanced Interpretation of Electrochemical Impedance Spectra of Gramicidinâ˘Ion Interactions in Phospholipid Monolayers. Langmuir, 2007, 23, 5029-5032.	3.7	5
60	Curcumin is a Modulator of Bilayer Material Properties. Biochemistry, 2007, 46, 10384-10391.	2.6	137
61	Orientation and Motion of Tryptophan Interfacial Anchors in Membrane-Spanning Peptides. Biochemistry, 2007, 46, 7514-7524.	2.6	49
62	Bilayer Thickness and Membrane Protein Function: An Energetic Perspective. Annual Review of Biophysics and Biomolecular Structure, 2007, 36, 107-130.	18.0	755
63	Gramicidin Channels: Versatile Tools. , 2007, , 33-80.		14
64	Single-Molecule Methods for Monitoring Changes in Bilayer Elastic Properties. Methods in Molecular Biology, 2007, 400, 543-570.	0.0	35
65	Effect of Linker Length on Avidin Binding to Biotinylated Gramicidin A. International Journal of Peptide Research and Therapeutics, 2006, 12, 243-252.	1.9	4
66	Capsaicin Regulates Voltage-Dependent Sodium Channels by Altering Lipid Bilayer Elasticity. Molecular Pharmacology, 2005, 68, 680-689.	2.3	198
67	Gramicidin Channels. IEEE Transactions on Nanobioscience, 2005, 4, 10-20.	4.0	116
68	Importance of Tensor Asymmetry for the Analysis of2H NMR Spectra from Deuterated Aromatic Rings. Journal of the American Chemical Society, 2005, 127, 17488-17493.	14.6	19
69	Regulation of Sodium Channel Function by Bilayer Elasticity. Journal of General Physiology, 2004, 123, 599-621.	1.9	241
70	Bilayer-dependent inhibition of mechanosensitive channels by neuroactive peptide enantiomers. Nature, 2004, 430, 235-240.	36.2	275
71	Interaction of Gramicidin Derivatives with Phospholipid Monolayers. Langmuir, 2004, 20, 9291-9298.	3.7	32
72	Tilt Angles of Transmembrane Model Peptides in Oriented and Non-Oriented Lipid Bilayers as Determined by 2H Solid-State NMR. Biophysical Journal, 2004, 86, 3709-3721.	0.5	174

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73	Genistein Can Modulate Channel Function by a Phosphorylation-Independent Mechanism:â€‰ Importance of Hydrophobic Mismatch and Bilayer Mechanics. Biochemistry, 2003, 42, 13646-13658.	2.6	139
74	Combined Experimental/Theoretical Refinement of Indole Ring Geometry Using Deuterium Magnetic Resonance and ab Initio Calculations. Journal of the American Chemical Society, 2003, 125, 12268-12276.	14.6	24
75	Interfacial Anchor Properties of Tryptophan Residues in Transmembrane Peptides Can Dominate over Hydrophobic Matching Effects in Peptideâ˘'Lipid Interactionsâ€. Biochemistry, 2003, 42, 5341-5348.	2.6	253
76	Hydrophobic Mismatch between Helices and Lipid Bilayers. Biophysical Journal, 2003, 84, 379-385.	0.5	137
77	Hydrophobic Coupling of Lipid Bilayer Energetics to Channel Function. Journal of General Physiology, 2003, 121, 477-493.	1.9	87
78	Geometry and Intrinsic Tilt of a Tryptophan-Anchored Transmembrane Î±-Helix Determined by 2H NMR. Biophysical Journal, 2002, 83, 1479-1488.	0.5	161
79	Hydrophobic Matching Mechanism Investigated by Molecular Dynamics Simulations. Langmuir, 2002, 18, 1340-1351.	3.7	80
80	Peptide Backbone Chemistry and Membrane Channel Function:Â Effects of a Single Amide-to-Ester Replacement on Gramicidin Channel Structure and Functionâ€. Biochemistry, 2001, 40, 1460-1472.	2.6	10
81	Sensitivity of Single Membrane-Spanning Î±-Helical Peptides to Hydrophobic Mismatch with a Lipid Bilayer:â€‰ Effects on Backbone Structure, Orientation, and Extent of Membrane Incorporation. Biochemistry, 2001, 40, 5000-5010.	2.6	172
82	Interfacial Positioning and Stability of Transmembrane Peptides in Lipid Bilayers Studied by Combining Hydrogen/Deuterium Exchange and Mass Spectrometry. Journal of Biological Chemistry, 2001, 276, 34501-34508.	3.5	66
83	Desformylgramicidin: A Model Channel with an Extremely High Water Permeability. Biophysical Journal, 2000, 79, 2526-2534.	0.5	47
84	The Effect of Peptide/Lipid Hydrophobic Mismatch on the Phase Behavior of Model Membranes Mimicking the Lipid Composition in Escherichia coli Membranes. Biophysical Journal, 2000, 78, 2475-2485.	0.5	55
85	Neighboring Aliphatic/Aromatic Side Chain Interactions between Residues 9 and 10 in Gramicidin Channelsâ€. Biochemistry, 2000, 39, 2235-2242.	2.6	14
86	Tryptophan-Anchored Transmembrane Peptides Promote Formation of Nonlamellar Phases in Phosphatidylethanolamine Model Membranes in a Mismatch-Dependent Mannerâ€. Biochemistry, 2000, 39, 3124-3133.	2.6	58
87	Different Membrane Anchoring Positions of Tryptophan and Lysine in Synthetic Transmembrane Î±-Helical Peptides. Journal of Biological Chemistry, 1999, 274, 20839-20846.	3.5	302
88	[28] Design and characterization of gramicidin channels. Methods in Enzymology, 1999, 294, 525-550.	1.7	66
89	Steric Interactions of Valines 1, 5, and 7 in [Valine 5, d-Alanine 8] Gramicidin A Channels. Biophysical Journal, 1999, 77, 1927-1935.	0.5	7
90	Modulation of Gramicidin Channel Structure and Function by the Aliphatic â€œSpacerâ€•Residues 10, 12, and 14 between the Tryptophans. Biochemistry, 1999, 38, 1030-1039.	2.6	20

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91	Design and Characterization of Gramicidin Channels with Side Chain or Backbone Mutations. Novartis Foundation Symposium, 1999, 225, 44-61.	0.0	2
92	Peptide Influences on Lipids. Novartis Foundation Symposium, 1999, 225, 170-187.	0.0	0
93	Influence of Lipid/Peptide Hydrophobic Mismatch on the Thickness of Diacylphosphatidylcholine Bilayers. A 2H NMR and ESR Study Using Designed Transmembrane Î±-Helical Peptides and Gramicidin A. Biochemistry, 1998, 37, 9333-9345.	2.6	251
94	Modulation of membrane structure and function by hydrophobic mismatch between proteins and lipids. Pure and Applied Chemistry, 1998, 70, 75-82.	2.0	21
95	Conformation of the Acylation Site of Palmitoylgramicidin in Lipid Bilayers of Dimyristoylphosphatidylcholineâ€. Biochemistry, 1996, 35, 3641-3648.	2.6	26
96	Induction of Nonbilayer Structures in Diacylphosphatidylcholine Model Membranes by Transmembrane Î±-Helical Peptides:Â Importance of Hydrophobic Mismatch and Proposed Role of Tryptophansâ€. Biochemistry, 1996, 35, 1037-1045.	2.6	289
97	Palmitoylation-Induced Conformational Changes of Specific Side Chains in the Gramicidin Transmembrane Channel. Biochemistry, 1995, 34, 9299-9306.	2.6	37
98	Role of the TIGN sequence in E. coli tryptophanyl-tRNA synthetase. BBA - Proteins and Proteomics, 1994, 1205, 223-229.	2.0	9
99	Gramicidin A/Short-Chain Phospholipid Dispersions: Chain Length Dependence of Gramicidin Conformation and Lipid Organization. Biochemistry, 1994, 33, 4291-4299.	2.6	66
100	Energetics of Heterodimer Formation among Gramicidin Analogues with an NH2-terminal Addition or Deletion. Journal of Molecular Biology, 1993, 231, 1102-1121.	4.3	63
101	Molecular and channel-forming characteristics of gramicidin K's: a family of naturally occurring acylated gramicidins. Biochemistry, 1992, 31, 7311-7319.	2.6	15
102	Orientation of the valine-1 side chain of the gramicidin transmembrane channel and implications for channel functioning. A deuterium NMR study. Biochemistry, 1992, 31, 11283-11290.	2.6	69
103	On the helix sense of gramicidin A single channels. Proteins: Structure, Function and Bioinformatics, 1992, 12, 49-62.	3.2	64
104	Amino acid sequence modulation of gramicidin channel function: effects of tryptophan-to-phenylalanine substitutions on the single-channel conductance and duration. Biochemistry, 1991, 30, 8830-8839.	2.6	161
105	Effect of salt and membrane fluidity on fluorophore motions of a gramicidin C derivative. Biochemistry, 1991, 30, 7984-7990.	2.6	11
106	Distinction between dipolar and inductive effects in modulating the conductance of gramicidin channels. Biochemistry, 1990, 29, 512-520.	2.6	45
107	Energetics of gramicidin hybrid channel formation as a test for structural equivalence. Journal of Molecular Biology, 1990, 211, 221-234.	4.3	81
108	Induction of conductance heterogeneity in gramicidin channels. Biochemistry, 1989, 28, 6571-6583.	2.6	94

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109	Stimulation of cation transport in mitochondria by gramicidin and truncated derivatives. Biochemistry, 1989, 28, 4361-4367.	2.6	14
110	Mechanism of the uncoupling of oxidative phosphorylation by gramicidin. Biochemistry, 1989, 28, 4355-4360.	2.6	34
111	How do Amino Acid Substitutions Alter the Function of Gramicidin Channels?. Jerusalem Symposia on Quantum Chemistry and Biochemistry, 1988, , 133-145.	0.0	3
112	Do Amino Acid Substitutions Alter the Structure of Gramicidin Channels? Chemistry at the Single Molecule Level. Jerusalem Symposia on Quantum Chemistry and Biochemistry, 1988, , 115-132.	0.0	3
113	Investigation of the interaction between thallous ions and gramicidin A in dimyristoylphosphatidylcholine vesicles: a thallium-205 NMR equilibrium study. Biochemistry, 1986, 25, 6103-6108.	2.6	30
114	Gramicidin K, a new linear channel-forming gramicidin from Bacillus brevis. Biochemistry, 1985, 24, 2822-2826.	2.6	57
115	Semisynthesis of linear gramicidins using diphenyl phosphorazidate (DPPA). International Journal of Peptide and Protein Research, 1985, 26, 305-310.	0.1	32
116	Computer building of Î²-helical polypeptide models. Biopolymers, 1984, 23, 23-38.	2.6	59
117	Gramicidin A crystals contain two cation binding sites per channel. Nature, 1979, 279, 723-725.	36.2	126
118	Mannose-6-P and mannose-1-P in rat brain, kidney and liver. Biochemical and Biophysical Research Communications, 1979, 89, 279-285.	2.2	8
119	Helical channels in crystals of gramicidin A and of a cesium-gramicidin A complex: an X-ray diffraction study. Journal of Molecular Biology, 1978, 121, 41-54.	4.3	102
120	The effect of pre-incubation on trypsin kinetics at low pH. Biochimica Et Biophysica Acta - Biomembranes, 1977, 481, 617-621.	2.7	2
121	Mechanism of hydrolysis by serine proteases: direct determination of the pKa's of aspartyl-102 and aspartyl-194 in bovine trypsin using difference infrared spectroscopy. Biochemistry, 1976, 15, 3450-3458.	2.6	74
122	Studies on rat brain acyl-coenzyme A hydrolase (short chain). Biochemical and Biophysical Research Communications, 1976, 71, 959-965.	2.2	20
123	Kinetics of the activation of rat liver pyruvate kinase by fructose 1,6-disphosphate and methods for characterizing hysteretic transitions. Biochemical Journal, 1974, 141, 119-125.	3.8	12
124	Kinetic properties of rat liver pyruvate kinase at cellular concentrations of enzyme, substrates and modifiers. Biochemical Journal, 1974, 141, 127-131.	3.8	35
125	Lack of temperature-sensitivity of rat liver pyruvate kinase. Biochemical Journal, 1973, 133, 391-394.	3.8	3
126	Free amino acids of testes. Concentrations of free amino acids in the testes of several species and the precursors of glutamate and glutamine in rat testes <i>in vivo</i>. Biochemical Journal, 1973, 132, 353-359.	2.9	10

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127	Variation of neurotoxicity of l- and d-2,4-diaminobutyric acid with route of administration. Toxicology and Applied Pharmacology, 1972, 23, 334-338.	2.9	35
128	The toxicity of monosodium glutamate in young rats. Biochimica Et Biophysica Acta - General Subjects, 1971, 244, 318-321.	2.5	17
129	Effect of fatty acids on gluconeogenesis in the rat. Biochimica Et Biophysica Acta - General Subjects, 1970, 222, 231-234.	2.5	1
130	The effect of fasting and several hyperglycaemic agents on the free amino acids of rat liver. Life Sciences, 1970, 9, 1045-1051.	4.4	6
131	Pathway of Ethanol Metabolism in the Rat. Experimental Biology and Medicine, 1969, 132, 33-34.	2.4	2
132	The â€˜neurotoxicityâ€™ of <scp>l</scp>-2,4-diaminobutyric acid. Biochemical Journal, 1968, 106, 699-706.	2.9	89
133	Labeling patterns in glutamic acid in Nicotiana rustica from carbon-14 dioxide. Journal of the American Chemical Society, 1967, 89, 3938-3939.	14.6	9
134	PYRUVATE DECARBOXYLATION IN THIAMINE DEFICIENT BRAIN. Journal of Neurochemistry, 1964, 11, 695-699.	4.0	36
135	Crystallization of Non-Racemic Mixtures of the Isomers of Serine. Nature, 1960, 185, 459-460.	36.2	6
136	Formation of serine from glycerol-1,3-C14. Archives of Biochemistry and Biophysics, 1957, 68, 355-361.	3.2	19
137	Single-Molecule Methods for Monitoring Changes in Bilayer Elastic Properties. , 0, , 543-570.		1