

Stephen R Price

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,802
citations

686830

13
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

2189
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of the spliceosomal U2Bâ€³â€“U2Aâ€² protein complex bound to a fragment of U2 small nuclear RNA. <i>Nature</i> , 1998, 394, 645-650.	13.7	341
2	Regulation of Motor Neuron Pool Sorting by Differential Expression of Type II Cadherins. <i>Cell</i> , 2002, 109, 205-216.	13.5	282
3	Type II Cadherin Ectodomain Structures: Implications for Classical Cadherin Specificity. <i>Cell</i> , 2006, 124, 1255-1268.	13.5	252
4	ETS Gene Pea3 Controls the Central Position and Terminal Arborization of Specific Motor Neuron Pools. <i>Neuron</i> , 2002, 35, 877-892.	3.8	222
5	Crystallization of RNA-protein complexes I. Methods for the large-scale preparation of RNA suitable for crystallographic studies. <i>Journal of Molecular Biology</i> , 1995, 249, 398-408.	2.0	197
6	Two-step adhesive binding by classical cadherins. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 348-357.	3.6	184
7	Cadherins and catenins in synapse development. <i>Current Opinion in Neurobiology</i> , 2005, 15, 73-80.	2.0	82
8	The generation and diversification of spinal motor neurons: signals and responses. <i>Mechanisms of Development</i> , 2004, 121, 1103-1115.	1.7	56
9	Catenin-Dependent Cadherin Function Drives Divisional Segregation of Spinal Motor Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 490-505.	1.7	38
10	Cadherin-7 and cadherin-6B differentially regulate the growth, branching and guidance of cranial motor axons. <i>Development (Cambridge)</i> , 2010, 137, 805-814.	1.2	36
11	Protein engineering as a tool for crystallography. <i>Current Opinion in Biotechnology</i> , 1995, 6, 425-430.	3.3	27
12	Lanthanides compete with calcium for binding to cadherins and inhibit cadherin-mediated cell adhesion. <i>Metallomics</i> , 2019, 11, 914-924.	1.0	22
13	Central Topography of Cranial Motor Nuclei Controlled by Differential Cadherin Expression. <i>Current Biology</i> , 2014, 24, 2541-2547.	1.8	21
14	Modelling of Human Low Frequency Sound Localization Acuity Demonstrates Dominance of Spatial Variation of Interaural Time Difference and Suggests Uniform Just-Noticeable Differences in Interaural Time Difference. <i>PLoS ONE</i> , 2014, 9, e89033.	1.1	13
15	Cell adhesion and migration in the organization of spinal motor neurons. <i>Cell Adhesion and Migration</i> , 2012, 6, 385-389.	1.1	10
16	The assembly of developing motor neurons depends on an interplay between spontaneous activity, type II cadherins and gap junctions. <i>Development (Cambridge)</i> , 2017, 144, 830-836.	1.2	9
17	Cadherins in Neural Development. , 2016, , 315-340.		4
18	Chicken Embryo Spinal Cord Slice Culture Protocol. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	2

#	ARTICLE	IF	CITATIONS
19	Engineering Crystal Packing in RNA-Protein Complexes II: A Historical Perspective from the Structural Studies of the Spliceosome. <i>Crystals</i> , 2021, 11, 948.	1.0	2
20	In Vivo Electroporation of Neurons. <i>Cold Spring Harbor Protocols</i> , 2007, 2007, pdb.prot4788.	0.2	2