Roy A Quinlan

List of Publications by Year
in descending order

144 papers	7,795 citations	44069 48 h-index	58581 82 g-index
145 all docs	145 docs citations	145 times ranked	5566 citing authors

#	Article	IF	Citations
1	Variants in PAX6, PITX3 and HSF4 causing autosomal dominant congenital cataracts. Eye, 2022, 36, 1694-1701.	2.1	2
2	Pathogenic variants in the CYP21A2 gene cause isolated autosomal dominant congenital posterior polar cataracts. Ophthalmic Genetics, 2022, 43, 218-223.	1.2	4
3	Cluster analyses of the TCGA and a TMA dataset using the coexpression of HSP27 and CRYAB improves alignment with clinical-pathological parameters of breast cancer and suggests different epichaperome influences for each sHSP. Cell Stress and Chaperones, 2022, 27, 177-188.	2.9	1
4	The eye lens as an aging paradigm par excellence. Experimental Eye Research, 2022, 218, 109003.	2.6	2
5	Structural Proteins | Crystallins of the Mammalian Eye Lens. , 2021, , 639-667.		1
6	The importance of the epithelial fibre cell interface to lens regeneration in an in vivo rat model and in a human bag-in-the-lens (BiL) sample. Experimental Eye Research, 2021, 213, 108808.	2.6	4
7	Introduction to the Special LDLensRad Focus Issue. Radiation Research, 2021, 197, .	1.5	5
8	On the Nature of Murine Radiation-Induced Subcapsular Cataracts: Optical Coherence Tomography-Based Fine Classification, In Vivo Dynamics and Impact on Visual Acuity. Radiation Research, 2021, 197, .	1.5	7
9	Three-dimensional data capture and analysis of intact eye lenses evidences emmetropia-associated changes in epithelial cell organization. Scientific Reports, 2020, 10, 16898.	3.3	12
10	The genetic landscape of crystallins in congenital cataract. Orphanet Journal of Rare Diseases, 2020, 15, 333.	2.7	25
11	Whole Exome Sequencing Reveals Novel and Recurrent Disease-Causing Variants in Lens Specific Gap Junctional Protein Encoding Genes Causing Congenital Cataract. Genes, 2020, 11, 512.	2.4	4
12	A novel missense mutation inLIM2causing isolated autosomal dominant congenital cataract. Ophthalmic Genetics, 2020, 41, 131-134.	1.2	8
13	Inherited cataracts: molecular genetics, clinical features, disease mechanisms and novel therapeutic approaches. British Journal of Ophthalmology, 2020, 104, 1331-1337.	3.9	49
14	Inverse dose-rate effect of ionising radiation on residual 53BP1 foci in the eye lens. Scientific Reports, 2019, 9, 10418.	3.3	31
15	BFSP1 C-terminal domains released by post-translational processing events can alter significantly the calcium regulation of AQP0 water permeability. Experimental Eye Research, 2019, 185, 107585.	2.6	16
16	Cataractogenic load â€“ A concept to study the contribution of ionizing radiation to accelerated aging in the eye lens. Mutation Research - Reviews in Mutation Research, 2019, 779, 68-81.	5.5	49
17	Site-specific phosphorylation and caspase cleavage of GFAP are new markers of Alexander disease severity. ELife, 2019, 8, .	6.0	42
18	Î³-Crystallin redoxâ€“detox in the lens. Journal of Biological Chemistry, 2018, 293, 18010-18011.	3.4	15

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19	Non-invasive in vivo quantification of the developing optical properties and graded index of the embryonic eye lens using SPIM. Biomedical Optics Express, 2018, 9, 2176.	2.9	8
20	Small molecules, both dietary and endogenous, influence the onset of lens cataracts. Experimental Eye Research, 2017, 156, 87-94.	2.6	20
21	The functional roles of the unstructured N- and C-terminal regions in Î±B-crystallin and other mammalian small heat-shock proteins. Cell Stress and Chaperones, 2017, 22, 627-638.	2.9	45
22	Î±B-crystallin is a sensor for assembly intermediates and for the subunit topology of desmin intermediate filaments. Cell Stress and Chaperones, 2017, 22, 613-626.	2.9	20
23	THE IMPACT OF CIRCADIAN RHYTHMS ON MEDICAL IMAGING AND RADIOTHERAPY REGIMES FOR THE PAEDIATRIC PATIENT. Radiation Protection Dosimetry, 2017, 173, 16-20.	0.8	6
24	The eye lens - a paradigm for healthy living. Experimental Eye Research, 2017, 156, 1-2.	2.6	0
25	The growing world of small heat shock proteins: from structure to functions. Cell Stress and Chaperones, 2017, 22, 601-611.	2.9	158
26	A rim-and-spoke hypothesis to explain the biomechanical roles for cytoplasmic intermediate filament networks. Journal of Cell Science, 2017, 130, 3437-3445.	2.0	43
27	Sub-nanometre mapping of the aquaporinâ€“water interface using multifrequency atomic force microscopy. Soft Matter, 2017, 13, 187-195.	2.7	18
28	Ionizing radiation induced cataracts: Recent biological and mechanistic developments and perspectives for future research. Mutation Research - Reviews in Mutation Research, 2016, 770, 238-261.	5.5	105
29	The lipidation profile of aquaporin-0 correlates with the acyl composition of phosphoethanolamine lipids in lens membranes. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2763-2768.	2.6	13
30	Purification of Protein Chaperones and Their Functional Assays with Intermediate Filaments. Methods in Enzymology, 2016, 569, 155-175.	1.0	9
31	Radiation protection of the eye lens in medical workersâ€”basis and impact of the ICRP recommendations. British Journal of Radiology, 2016, 89, 20151034.	2.2	38
32	In vivo, Ex Vivo, and In Vitro Approaches to Study Intermediate Filaments in the Eye Lens. Methods in Enzymology, 2016, 568, 581-611.	1.0	4
33	Nonlinear ionizing radiation-induced changes in eye lens cell proliferation, cyclin D1 expression and lens shape. Open Biology, 2015, 5, 150011.	3.6	42
34	A dimensionless ordered pull-through model of the mammalian lens epithelium evidences scaling across species and explains the age-dependent changes in cell density in the human lens. Journal of the Royal Society Interface, 2015, 12, 20150391.	3.4	23
35	Using SPIM to track the development of the focal power of the zebrafish lens. Proceedings of SPIE, 2015, , .	0.8	1
36	A silk purse from a sow's earâ€”bioinspired materials based on Î±-helical coiled coils. Current Opinion in Cell Biology, 2015, 32, 131-137.	5.4	8

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37	The Dynamic Duo of Small Heat Proteins and IFs Maintain Cell Homeostasis, Resist Cellular Stress and Enable Evolution in Cells and Tissues. Heat Shock Proteins, 2015, , 401-434.	0.2	3
38	A new dawn for cataracts. Science, 2015, 350, 636-637.	12.6	18
39	A gradient of matrix-bound FGF-2 and perlecan is available to lens epithelial cells. Experimental Eye Research, 2014, 120, 10-14.	2.6	27
40	Chaperones: needed for both the good times and the bad times. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130091.	4.0	23
41	The specificity of the interaction betweenÎ±B-crystallin and desmin filaments and its impact on filament aggregation and cell viability. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120375.	4.0	40
42	Changes in the quaternary structure and function of MjHSP16.5 attributable to deletion of the IXI motif and introduction of the substitution, R107G, in the Î± -crystallin domain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120327.	4.0	18
43	Caspase Cleavage of GFAP Produces an Assembly-Compromised Proteolytic Fragment that Promotes Filament Aggregation. ASN Neuro, 2013, 5, AN20130032.	2.7	39
44	Evolution of the vertebrate beaded filament protein, Bfsp2; comparing the inÂvitro assembly properties of a â€œtailedâ€•zebrafish Bfsp2 to its â€œtaillessâ€•human orthologue. Experimental Eye Research, 2012, 94, 192-202.	2.6	5
45	Homeostasis in the vertebrate lens: mechanisms of solute exchange. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1265-1277.	4.0	44
46	Alexander disease causing mutations in the C-terminal domain of GFAP are deleterious both to assembly and network formation with the potential to both activate caspase 3 and decrease cell viability. Experimental Cell Research, 2011, 317, 2252-2266.	2.6	34
47	Multiple Sites in Î±B-Crystallin Modulate Its Interactions with Desmin Filaments Assembled In Vitro. PLoS ONE, 2011, 6, e25859.	2.5	22
48	Oligomers of Mutant Glial Fibrillary Acidic Protein (GFAP) Inhibit the Proteasome System in Alexander Disease Astrocytes, and the Small Heat Shock Protein Î±B-Crystallin Reverses the Inhibition. Journal of Biological Chemistry, 2010, 285, 10527-10537.	3.4	81
49	A Thermodynamic Model of Microtubule Assembly and Disassembly. PLoS ONE, 2009, 4, e6378.	2.5	15
50	Intermediate filament transcription in astrocytes is repressed by proteasome inhibition. FASEB Journal, 2009, 23, 2710-2726.	0.5	36
51	Stochastically determined directed movement explains the dominant smallâ€scale mitochondrial movements within nonâ€neuronal tissue culture cells. FEBS Letters, 2009, 583, 1267-1273.	2.8	15
52	MAPKAPK-2 modulates p38-MAPK localization and small heat shock protein phosphorylation but does not mediate the injury associated with p38-MAPK activation during myocardial ischemia. Cell Stress and Chaperones, 2009, 14, 477-489.	2.9	20
53	A cell polarity protein aPKCÎ» is required for eye lens formation and growth. Developmental Biology, 2009, 336, 246-256.	2.0	39
54	Alexander Disease: A Genetic Disorder of Astrocytes. , 2009, , 591-648.		39

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55	Functions of the intermediate filament cytoskeleton in the eye lens. Journal of Clinical Investigation, 2009, 119, 1837-1848.	8.2	142
56	Truncation of Î±B-Crystallin by the Myopathy-causing Q151X Mutation Significantly Destabilizes the Protein Leading to Aggregate Formation in Transfected Cells. Journal of Biological Chemistry, 2008, 283, 10500-10512.	3.4	49
57	Expression and localisation of apical junctional complex proteins in lens epithelial cells. Experimental Eye Research, 2008, 87, 64-70.	2.6	20
58	Glial Fibrillary Acidic Protein Filaments Can Tolerate the Incorporation of Assembly-compromised GFAP-Î´, but with Consequences for Filament Organization and Î±B-Crystallin Association. Molecular Biology of the Cell, 2008, 19, 4521-4533.	2.1	91
59	FGF-2 Release from the Lens Capsule by MMP-2 Maintains Lens Epithelial Cell Viability. Molecular Biology of the Cell, 2007, 18, 4222-4231.	2.1	61
60	Focus on Molecules: FoxE3. Experimental Eye Research, 2007, 84, 799-800.	2.6	2
61	Reorganization of centrosomal marker proteins coincides with epithelial cell differentiation in the vertebrate lens. Experimental Eye Research, 2007, 85, 696-713.	2.6	13
62	Lens cells: More than meets the eye. International Journal of Biochemistry and Cell Biology, 2007, 39, 1754-1759.	2.8	33
63	GFAP and its role in Alexander disease. Experimental Cell Research, 2007, 313, 2077-2087.	2.6	296
64	Insights into the beaded filament of the eye lens. Experimental Cell Research, 2007, 313, 2180-2188.	2.6	49
65	The Alexander Diseaseâ€“Causing Glial Fibrillary Acidic Protein Mutant, R416W, Accumulates into Rosenthal Fibers by a Pathway That Involves Filament Aggregation and the Association of Î±B-Crystallin and HSP27. American Journal of Human Genetics, 2006, 79, 197-213.	6.2	123
66	The C Terminus of Lens Aquaporin 0 Interacts with the Cytoskeletal Proteins Filensin and CP49. , 2006, 47, 1562.		91
67	Lenticular chaperones suppress the aggregation of the cataract-causing mutant T5P Î³C-crystallin. Experimental Cell Research, 2006, 312, 51-62.	2.6	15
68	R120G Î±B-crystallin promotes the unfolding of reduced Î±-lactalbumin and is inherently unstable. FEBS Journal, 2005, 272, 711-724.	4.7	78
69	Glial fibrillary acidic protein mutations in infantile, juvenile, and adult forms of Alexander disease. Annals of Neurology, 2005, 57, 310-326.	5.3	220
70	Alexander-disease mutation of GFAP causes filament disorganization and decreased solubility of GFAP. Journal of Cell Science, 2005, 118, 2057-2065.	2.0	68
71	Seeing is believing! The optical properties of the eye lens are dependent upon a functional intermediate filament cytoskeleton. Experimental Cell Research, 2005, 305, 1-9.	2.6	33
72	Antimycin A induced cardioprotection is dependent on pre-ischemic p38-MAPK activation but independent of MKK3. Journal of Molecular and Cellular Cardiology, 2005, 39, 709-717.	1.9	18

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73	Specific interaction between lens MIP/Aquaporin-0 and two members of the gamma-crystallin family. Molecular Vision, 2005, 11, 76-87.	1.1	22
74	Lens Cell Cytoskeleton. , 2004, , 173-188.		4
75	The Intermediate Filament Systems in the Eye Lens. Methods in Cell Biology, 2004, 78, 597-624.	1.1	23
76	Human keratin 8 mutations that disturb filament assembly observed in inflammatory bowel disease patients. Journal of Cell Science, 2004, 117, 1989-1999.	2.0	84
77	Desmin Aggregate Formation by R120G Î±B-Crystallin Is Caused by Altered Filament Interactions and Is Dependent upon Network Status in Cells. Molecular Biology of the Cell, 2004, 15, 2335-2346.	2.1	99
78	Inhibition of p38 MAPK activity fails to attenuate contractile dysfunction in a mouse model of low-flow ischemia. Cardiovascular Research, 2004, 61, 123-131.	3.8	27
79	Neuronal Diseases: Small Heat Shock Proteins Calm Your Nerves. Current Biology, 2004, 14, R625-R626.	3.9	11
80	Bfsp2 mutation found in mouse 129 strains causes the loss of CP49 and induces vimentin-dependent changes in the lens fibre cell cytoskeleton. Experimental Eye Research, 2004, 78, 109-123.	2.6	33
81	Bfsp2 mutation found in mouse 129 strains causes the loss of CP49â€™ and induces vimentin-dependent changes in the lens fibre cell cytoskeleton. Experimental Eye Research, 2004, 78, 875-889.	2.6	46
82	Reloading the retina by modifying the glial matrix. Trends in Neurosciences, 2004, 27, 241-242.	8.6	18
83	Cholesterol oxides mediated changes in cytoskeletal organisation involves Rho GTPasesâ˜†â˜†. Experimental Cell Research, 2003, 291, 502-513.	2.6	15
84	Tumor necrosis factor-induced protection of the murine heart is independent of p38-MAPK activation. Journal of Molecular and Cellular Cardiology, 2003, 35, 1523-1527.	1.9	36
85	Knockout of the intermediate filament protein CP49 destabilises the lens fibre cell cytoskeleton and decreases lens optical quality, but does not induce cataract. Experimental Eye Research, 2003, 76, 385-391.	2.6	91
86	Nuclear speckle localisation of the small heat shock protein ?B-crystallin and its inhibition by the R120G cardiomyopathy-linked mutation. Experimental Cell Research, 2003, 287, 249-261.	2.6	56
87	Localization of Two Conserved Cis -acting Enhancer Regions for the Filensin Gene Promoter That Direct Lens-specific Expression. Experimental Eye Research, 2002, 75, 295-305.	2.6	5
88	Translocation of Small Heat Shock Proteins to the Actin Cytoskeleton upon Proteasomal Inhibition. Journal of Molecular and Cellular Cardiology, 2002, 34, 117-128.	1.9	70
89	Lamin A/C Binding Protein LAP2Î± Is Required for Nuclear Anchorage of Retinoblastoma Protein. Molecular Biology of the Cell, 2002, 13, 4401-4413.	2.1	224
90	Reply to Veromann. American Journal of Human Genetics, 2002, 71, 685-686.	6.2	0

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91	Increased solubility of lamins and redistribution of lamin C in X-linked Emeryâ€“Dreifuss muscular dystrophy fibroblasts. Journal of Structural Biology, 2002, 140, 241-253.	2.8	52
92	Association of the nuclear matrix component NuMA with the Cajal body and nuclear speckle compartments during transitions in transcriptional activity in lens cell differentiation. European Journal of Cell Biology, 2002, 81, 557-566.	3.6	25
93	Differential effect of simvastatin on activation of Rac1 vs. activation of the heat shock protein 27-mediated pathway upon oxidative stress, in human smooth muscle cells. Biochemical Pharmacology, 2002, 64, 1483-1491.	4.4	33
94	Altered aggregation properties of mutant Î³-crystallins cause inherited cataract. EMBO Journal, 2002, 21, 6005-6014.	7.8	147
95	Cytoskeletal Competence Requires Protein Chaperones. Progress in Molecular and Subcellular Biology, 2002, 28, 219-233.	1.6	71
96	Localization of Two Conserved Cis -acting Enhancer Regions for the Filensin Gene Promoter That Direct Lens-specific Expression. Experimental Eye Research, 2002, 75, 295-305.	2.6	3
97	Alpha-B Crystallin Gene (CRYAB) Mutation Causes Dominant Congenital Posterior Polar Cataract in Humans. American Journal of Human Genetics, 2001, 69, 1141-1145.	6.2	208
98	Expression of individual lamins in basal cell carcinomas of the skin. British Journal of Cancer, 2001, 84, 512-519.	6.4	93
99	Cytoskeletal catastrophe causes brain degeneration. Nature Genetics, 2001, 27, 10-11.	21.4	22
100	Antiischemic Effects of SB203580 Are Mediated Through the Inhibition of p38Î± Mitogen-Activated Protein Kinase. Circulation Research, 2001, 89, 750-752.	4.5	64
101	Aniridia-associated translocations, DNase hypersensitivity, sequence comparison and transgenic analysis redefine the functional domain of PAX6. Human Molecular Genetics, 2001, 10, 2049-2059.	2.9	180
102	Antagonistic action of Six3 and Prox1 at the gamma-crystallin promoter. Nucleic Acids Research, 2001, 29, 515-526.	14.5	61
103	Up-regulation of novel intermediate filament proteins in primary fiber cells: An indicator of all vertebrate lens fiber differentiation?. The Anatomical Record, 2000, 258, 25-33.	1.8	43
104	Comparison of the small heat shock proteins ?B-crystallin, MKBP, HSP25, HSP20, and cvHSP in heart and skeletal muscle. Histochemistry and Cell Biology, 2000, 122, 415-425.	1.7	145
105	Mapping of the Human CP49 Gene and Identification of an Intragenic Polymorphic Marker to Allow Genetic Linkage Analysis in Autosomal Dominant Congenital Cataract. Biochemical and Biophysical Research Communications, 2000, 270, 432-436.	2.1	9
106	The Cardiomyopathy and Lens Cataract Mutation in Î±B-crystallin Alters Its Protein Structure, Chaperone Activity, and Interaction with Intermediate Filaments in Vitro. Journal of Biological Chemistry, 1999, 274, 33235-33243.	3.4	190
107	Fatal attraction: When chaperone turns harlot. Nature Medicine, 1999, 5, 25-26.	30.7	48
108	Molecular chaperones: Small heat shock proteins in the limelight. Current Biology, 1999, 9, R103-R105.	3.9	69

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109	Use of a drug-resistant mutant of stress-activated protein kinase 2a/p38 to validate the in vivo specificity of SB 203580. FEBS Letters, 1999, 451, 191-196.	2.8	106
110	Gap Junctions Containing Î±8-Connexin (MP70) in the Adult Mammalian Lens Epithelium Suggests a Re-evaluation of its Role in the Lens. Experimental Eye Research, 1999, 69, 45-56.	2.6	55
111	Changes in the nucleolar and coiled body compartments precede lamina and chromatin reorganization during fibre cell denucleation in the bovine lens. European Journal of Cell Biology, 1998, 75, 237-246.	3.6	80
112	The chicken CP49 gene contains an extra exon compared to the human CP49 gene which identifies an important step in the evolution of the eye lens intermediate filament proteins. Gene, 1998, 211, 19-27.	2.2	30
113	Identification and functional analysis of the mouse lens filensin gene promoter. Gene, 1998, 214, 77-86.	2.2	12
114	Three Murine Cataract Mutants (Cat2) Are Defective in Different Î³-Crystallin Genes. Genomics, 1998, 52, 152-158.	2.9	77
115	cDNA Cloning, Expression, and Assembly Characteristics of Mouse Keratin 16. Journal of Biological Chemistry, 1998, 273, 32265-32272.	3.4	30
116	118 Susceptibility of lens epithelial and fibre cells at different stages of differentiation to apoptosis. Biochemical Society Transactions, 1998, 26, S349-S349.	3.4	20
117	178 Lens cell organelle loss during differentiation versus stress-induced apoptotic changes. Biochemical Society Transactions, 1997, 25, S584-S584.	3.4	10
118	Gene structure and sequence comparisons of the eye lens specific protein, filensin, from rat and mouse: implications for protein classification and assembly. Gene, 1997, 201, 11-20.	2.2	24
119	Cell cycle changes in A-type lamin associations detected in human dermal fibroblasts using monoclonal antibodies. Chromosome Research, 1997, 5, 383-394.	2.2	45
120	Distinct nuclear assembly pathways for lamins A and C lead to their increase during quiescence in Swiss 3T3 cells. Journal of Cell Science, 1997, 110, 2483-2493.	2.0	71
121	Chicken CP49: Significant or Paltry. Ophthalmic Research, 1996, 28, 55-57.	1.9	1
122	The beaded filament of the eye lens: an unexpected key to intermediate filament structure and function. Trends in Cell Biology, 1996, 6, 123-126.	7.9	65
123	IDENTIFICATION OF THE ANTIGEN RECOGNIZED BY THE MONOCLONAL ANTIBODY BU31 AS LAMINS A AND C. , 1996, 178, 21-29.		18
124	The predicted structure of chick lens CP49 and a variant thereof, CP49_{ins}, the first vertebrate cytoplasmic intermediate filament protein with a lamin-like insertion in helix 1B. Current Eye Research, 1995, 14, 545-553.	1.5	26
125	In vitro studies on the assembly properties of the lens proteins CP49, CP115: Coassembly with Î±-crystallin but not with vimentin. Experimental Eye Research, 1995, 60, 181-192.	2.6	126
126	Bovine filensin possesses primary and secondary structure similarity to intermediate filament proteins.. Journal of Cell Biology, 1993, 121, 847-853.	5.2	91

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127	The 53kDa polypeptide component of the bovine fibre cell cytoskeleton is derived from the 115kDa beaded filament protein: evidence for a fibre cell specific intermediate filament protein. Current Eye Research, 1992, 11, 909-921.	1.5	25
128	Molecular interactions in intermediate filaments. BioEssays, 1991, 13, 597-600.	2.5	14
129	Expression and characterization of human lamin C. FEBS Letters, 1990, 268, 301-305.	2.8	27
130	Molecular interactions in paracrystals of a fragment corresponding to the alpha-helical coiled-coil rod portion of glial fibrillary acidic protein: evidence for an antiparallel packing of molecules and polymorphism related to intermediate filament structure.. Journal of Cell Biology, 1989, 109, 225-234.	5.2	76
131	The Role of Repeating Sequence Motifs in Interactions Between Î±-Helical Coiled-Coils such as Myosin, Tropomyosin and Intermediate-Filament Proteins. Springer Series in Biophysics, 1989, , 150-159.	0.4	2
132	Crystalline tubes of myosin subfragment-2 showing the coiled-coil and molecular interaction geometry.. Journal of Cell Biology, 1987, 105, 403-415.	5.2	34
133	Structural differences between blood-platelet tubulin and other mammalian tubulins. BBA - Proteins and Proteomics, 1987, 916, 83-88.	2.1	1
134	Characterization of dimer subunits of intermediate filament proteins. Journal of Molecular Biology, 1986, 192, 337-349.	4.2	120
135	[34] Separation of cytokeratin polypeptides by gel electrophoretic and chromatographic techniques and their identification by immunoblotting. Methods in Enzymology, 1986, 134, 355-371.	1.0	231
136	Identification of a distinct soluble subunit of an intermediate filament protein: tetrameric vimentin from living cells.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 7929-7933.	7.1	208
137	Patterns of Expression and Organization of Cytokeratin Intermediate Filaments. Annals of the New York Academy of Sciences, 1985, 455, 282-306.	3.8	383
138	Intermediate Filament Diversity as Detected by Antibodies. , 1985, , 223-226.		0
139	Proteolytic modification of acidic and basic keratins during terminal differentiation of mouse and human epidermis. FEBS Journal, 1984, 142, 29-36.	0.2	107
140	Heterotypic tetramer (A2D2) complexes of non-epidermal keratins isolated from cytoskeletons of rat hepatocytes and hepatoma cells. Journal of Molecular Biology, 1984, 178, 365-388.	4.2	209
141	Molecular Interactions in Intermediate-Sized Filaments Revealed by Chemical Cross-Linking. Heteropolymers of Vimentin and Glial Filament Protein in Cultured Human Glima Cells. FEBS Journal, 1983, 132, 477-484.	0.2	149
142	Heteropolymer filaments of vimentin and desmin in vascular smooth muscle tissue and cultured baby hamster kidney cells demonstrated by chemical crosslinking.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 3452-3456.	7.1	161
143	Characterisation of a microtubule organising centre from Physarum polycephalum myxamoebae. Journal of Ultrastructure Research, 1981, 74, 313-321.	1.1	15
144	A comparison of tubulins from mammalian brain andPhysarumpolycephalumusing SDS-polyacrylamide gel electrophoresis and peptide mapping. FEBS Letters, 1980, 115, 301-305.	2.8	61