Edward Morris

List of Publications by Year
in descending order

80	5,465	81743 39	82410 72
papers	citations	h-index	g-index

84	84	84	5766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nse5/6 is a negative regulator of the ATPase activity of the Smc5/6 complex. Nucleic Acids Research, 2021, 49, 4534-4549.	6.5	22
2	How to build a proteasome. Nature Structural and Molecular Biology, 2021, 28, 409-410.	3.6	4
3	Structure of human RNA polymerase III. Nature Communications, 2020, 11, 6409.	5.8	50
4	Cryo-EM structures of the XPF-ERCC1 endonuclease reveal how DNA-junction engagement disrupts an auto-inhibited conformation. Nature Communications, 2020, 11, 1120.	5.8	24
5	Human Condensin I and II Drive Extensive ATP-Dependent Compaction of Nucleosome-Bound DNA. Molecular Cell, 2020, 79, 99-114.e9.	4.5	129
6	Structural basis of Cullin 2 RING E3 ligase regulation by the COP9 signalosome. Nature Communications, 2019, 10, 3814.	5.8	40
7	Three-dimensional structure of the basketweave Z-band in midshipman fish sonic muscle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15534-15539.	3.3	19
8	The Interacting Head Motif Structure Does Not Explain the X-Ray Diffraction Patterns in Relaxed Vertebrate (Bony Fish) Skeletal Muscle and Insect (Lethocerus) Flight Muscle. Biology, 2019, 8, 67.	1.3	12
9	Structural basis of RNA polymerase III transcription initiation. Nature, 2018, 553, 301-306.	13.7	123
10	Myosin and Actin Filaments in Muscle: Structures and Interactions. Sub-Cellular Biochemistry, 2017, 82, 319-371.	1.0	28
11	Relaxed and active thin filament structures; a new structural basis for the regulatory mechanism. Journal of Structural Biology, 2017, 197, 365-371.	1.3	23
12	High-resolution cryo-EM proteasome structures in drug development. Acta Crystallographica Section D: Structural Biology, 2017, 73, 522-533.	1.1	10
13	Cryo-EM Studies of Cullin-Ring Ubiquitin E3 Ligase (CRL)2 Regulation by the COP9 Signalosome. Biophysical Journal, 2017, 112, 578a.	0.2	1
14	A closed conformation of the Caenorhabditis elegans separaseâ€“securin complex. Open Biology, 2016, 6, 160032.	1.5	10
15	Tankyrase Requires SAM Domain-Dependent Polymerization to Support Wnt-Î²-Catenin Signaling. Molecular Cell, 2016, 63, 498-513.	4.5	72
16	Nanostructures from Synthetic Genetic Polymers. ChemBioChem, 2016, 17, 1107-1110.	1.3	57
17	Cryo-EM reveals the conformation of a substrate analogue in the human 20S proteasome core. Nature Communications, 2015, 6, 7573.	5.8	40
18	Three-Dimensional Structure of Vertebrate Muscle Z-Band: The Small-Square Lattice Z-Band in Rat Cardiac Muscle. Journal of Molecular Biology, 2015, 427, 3527-3537.	2.0	29

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19	RET Recognition of GDNF-GFRÎ±1 Ligand by a Composite Binding Site Promotes Membrane-Proximal Self-Association. Cell Reports, 2014, 8, 1894-1904.	2.9	51
20	Prereplicative complexes assembled in vitro support origin-dependent and independent DNA replication. EMBO Journal, 2014, 33, 605-620.	3.5	76
21	Origin Licensing Requires ATP Binding and Hydrolysis by the MCM Replicative Helicase. Molecular Cell, 2014, 55, 666-677.	4.5	104
22	Recombinant expression, reconstitution and structure of human anaphase-promoting complex (APC/C). Biochemical Journal, 2013, 449, 365-371.	1.7	48
23	Atomic model of the human cardiac muscle myosin filament. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 318-323.	3.3	153
24	Structural Insights into the Mechanism of Phosphoregulation of the Retinoblastoma Protein. PLoS ONE, 2013, 8, e58463.	1.1	14
25	Unravelling the structure of the human 26S proteasome: a hybrid approach. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, s36-s36.	0.3	0
26	Superhelical Architecture of the Myosin Filament-Linking Protein Myomesin with Unusual Elastic Properties. PLoS Biology, 2012, 10, e1001261.	2.6	35
27	Identification of Functionally Critical Residues in the Channel Domain of Inositol Trisphosphate Receptors. Journal of Biological Chemistry, 2012, 287, 43674-43684.	1.6	25
28	Visualization of a DNA-PK/PARP1 complex. Nucleic Acids Research, 2012, 40, 4168-4177.	6.5	89
29	Structural Basis for a Reciprocal Regulation between SCF and CSN. Cell Reports, 2012, 2, 616-627.	2.9	145
30	3-Dimensional Structure of Human Cardiac Muscle Myosin Filaments by Electron Microscopy and Single Particle Analysis. Biophysical Journal, 2012, 102, 149a-150a.	0.2	2
31	Molecular Model of the Human 26S Proteasome. Molecular Cell, 2012, 46, 54-66.	4.5	195
32	The Structure of the 26S Proteasome Subunit Rpn2 Reveals Its PC Repeat Domain as a Closed Toroid of Two Concentric Î±-Helical Rings. Structure, 2012, 20, 513-521.	1.6	60
33	Structures of APC/CCdh1 with substrates identify Cdh1 and Apc10 as the D-box co-receptor. Nature, 2011, 470, 274-278.	13.7	176
34	Structural basis for the subunit assembly of the anaphase-promoting complex. Nature, 2011, 470, 227-232.	13.7	150
35	Evidence for a remodelling of DNA-PK upon autophosphorylation from electron microscopy studies. Nucleic Acids Research, 2011, 39, 5757-5767.	6.5	20
36	Three-dimensional structure of recombinant typeÂ1 inositol 1,4,5-trisphosphate receptor. Biochemical Journal, 2010, 428, 483-489.	1.7	19

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37	Structural Insights into the COP9 Signalosome and Its Common Architecture with the 26S Proteasome Lid and eIF3. Structure, 2010, 18, 518-527.	1.6	68
38	Calcium-dependent Conformational Changes in Inositol Trisphosphate Receptors. Journal of Biological Chemistry, 2010, 285, 25085-25093.	1.6	13
39	A novel approach to the structural analysis of partially decorated actin based filaments. Journal of Structural Biology, 2010, 170, 278-285.	1.3	10
40	Three-Dimensional Structure of the M-region (Bare Zone) of Vertebrate Striated Muscle Myosin Filaments by Single-Particle Analysis. Journal of Molecular Biology, 2010, 403, 763-776.	2.0	21
41	Three-dimensional reconstruction of the Shigella T3SS transmembrane regions reveals 12-fold symmetry and novel features throughout. Nature Structural and Molecular Biology, 2009, 16, 477-485.	3.6	100
42	Concerted Loading of Mcm2â€“7 Double Hexamers around DNA during DNA Replication Origin Licensing. Cell, 2009, 139, 719-730.	13.5	560
43	The 7-stranded structure of relaxed scallop muscle myosin filaments: Support for a common head configuration in myosin-regulated muscles. Journal of Structural Biology, 2009, 166, 183-194.	1.3	26
44	Structure and Orientation of Troponin in the Thin Filament. Journal of Biological Chemistry, 2009, 284, 15007-15015.	1.6	31
45	Myosin filament 3D structure in mammalian cardiac muscle. Journal of Structural Biology, 2008, 163, 117-126.	1.3	36
46	Molecular Characterization of the Inositol 1,4,5-Trisphosphate Receptor Pore-forming Segment. Journal of Biological Chemistry, 2008, 283, 2939-2948.	1.6	49
47	Structure of the Human 26S Proteasome. Journal of Biological Chemistry, 2008, 283, 23305-23314.	1.6	86
48	Electron Crystallography in Photosynthesis Research. Advances in Photosynthesis and Respiration, 2008, , 125-150.	1.0	3
49	3D structure of relaxed fish muscle myosin filaments by single particle analysis. Journal of Structural Biology, 2006, 155, 202-217.	1.3	32
50	Biochemical and structural analyses of a higher plant photosystem II supercomplex of a photosystem I-less mutant of barley. FEBS Journal, 2006, 273, 4616-4630.	2.2	58
51	IP3 receptors: the search for structure. Trends in Biochemical Sciences, 2004, 29, 210-219.	3.7	144
52	Single Particle Analysis: A new approach to solving the 3D structure of myosin filaments. Journal of Muscle Research and Cell Motility, 2004, 25, 635-644.	0.9	20
53	Single particle analysis of filamentous and highly elongated macromolecular assemblies. Journal of Structural Biology, 2004, 148, 236-250.	1.3	26
54	A Measure for the Angle Between Projections Based on the Extent of Correlation Between Corresponding Central Sections. Journal of Molecular Biology, 2004, 344, 707-724.	2.0	9

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55	3D structure of EspA filaments from enteropathogenic Escherichia coli. Molecular Microbiology, 2003, 49, 301-308.	1.2	91
56	Structural Analysis of the Photosystem I Supercomplex of Cyanobacteria Induced by Iron Deficiencyâ€. Biochemistry, 2003, 42, 3180-3188.	1.2	60
57	Cryoelectron microscopy of refrozen cryosections. Journal of Structural Biology, 2003, 142, 233-240.	1.3	9
58	Interaction of the allophycocyanin core complex with photosystem IIDedicated to the memory of Nobel Laureate, Lord George Porter FRSC FRS OM.. Photochemical and Photobiological Sciences, 2003, 2, 536.	1.6	37
59	Domain organization of the type 1 inositol 1,4,5-trisphosphate receptor as revealed by single-particle analysis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3936-3941.	3.3	88
60	Oligomeric structure of Î±-calmodulin-dependent protein kinase II11Edited by A. R. Fersht. Journal of Molecular Biology, 2001, 308, 1-8.	2.0	81
61	Localisation of the PsbH subunit in photosystem II: a new approach using labelling of his-tags with a Ni2+-NTA gold cluster and single particle analysis. Journal of Molecular Biology, 2001, 312, 371-379.	2.0	66
62	Three-Dimensional Structure of the Photosystem II Core Dimer of Higher Plants Determined by Electron Microscopy. Journal of Structural Biology, 2001, 135, 262-269.	1.3	88
63	Subunit positioning and transmembrane helix organisation in the core dimer of photosystem II. FEBS Letters, 2001, 504, 142-151.	1.3	80
64	THREE-DIMENSIONAL STRUCTURE OF PHOTOSYSTEM II DETERMINED BY ELECTRON CRYSTALLOGRAPHY. Biochemical Society Transactions, 2000, 28, A79-A79.	1.6	0
65	3D map of the plant photosystem II supercomplex obtained by cryoelectron microscopy and single particle analysis. Nature Structural Biology, 2000, 7, 44-47.	9.7	172
66	Phosphatidylglycerol Is Involved in the Dimerization of Photosystem II. Journal of Biological Chemistry, 2000, 275, 6509-6514.	1.6	158
67	Crystallisation of CP43, a Chlorophyll Binding Protein of Photosystem II: An Electron Microscopy Analysis of Molecular Packing. Journal of Structural Biology, 2000, 131, 181-186.	1.3	7
68	Revealing the structure of the oxygen-evolving core dimer of photosystem II by cryoelectron crystallography. Nature Structural Biology, 1999, 6, 560-564.	9.7	123
69	Subunit positioning in photosystem II revisited. Trends in Biochemical Sciences, 1999, 24, 43-45.	3.7	52
70	Three-dimensional structure of the plant photosystem II reaction centre at 8â€‰Ã… resolution. Nature, 1998, 396, 283-286.	13.7	340
71	A new look at thin filament regulation in vertebrate skeletal muscle. FASEB Journal, 1998, 12, 761-771.	0.2	210
72	The structure, function and dynamics of photosystem two. Physiologia Plantarum, 1997, 100, 817-827.	2.6	127

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73	Two-dimensional structure of plant photosystem II at 8-Ã… resolution. Nature, 1997, 389, 522-526.	13.7	159
74	The three-dimensional structure of a photosystem II core complex determined by electron crystallography. Structure, 1997, 5, 837-849.	1.6	62
75	The Structure of F-actin. Journal of Molecular Biology, 1994, 240, 138-154.	2.0	25
76	The 4-stranded helical arrangement of myosin heads on insect (Lethocerus) flight muscle thick filaments. Journal of Structural Biology, 1991, 107, 237-249.	1.3	53
77	Cryoultramicrotomy of muscle: improved preservation and resolution of muscle ultrastructure using negatively stained ultrathin cryosections. Journal of Microscopy, 1991, 163, 29-42.	0.8	11
78	On the other hand . . .. Nature, 1990, 345, 116-117.	13.7	0
79	Organisation and Properties of the Striated Muscle Sarcomere. , 1990, , 1-48.		13
80	The distribution of the charged residues in myosin hinge region and its relationship to the distribution of charged residues in the rest of myosin rod. Journal of Muscle Research and Cell Motility, 1987, 8, 297-302.	0.9	1