

Richard Treisman

List of Publications by Year in descending order

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31
papers

6,841
citations

236925

25
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

6232
citing authors

#	ARTICLE	IF	CITATIONS
1	The SRF accessory protein Elk-1 contains a growth factor-regulated transcriptional activation domain. <i>Cell</i> , 1993, 73, 381-393.	28.9	1,301
2	Actin Dynamics Control SRF Activity by Regulation of Its Coactivator MAL. <i>Cell</i> , 2003, 113, 329-342.	28.9	1,181
3	Signal-Regulated Activation of Serum Response Factor Is Mediated by Changes in Actin Dynamics. <i>Cell</i> , 1999, 98, 159-169.	28.9	614
4	Nuclear Actin Regulates Dynamic Subcellular Localization and Activity of the SRF Cofactor MAL. <i>Science</i> , 2007, 316, 1749-1752.	12.6	569
5	Actin™ together: serum response factor, its cofactors and the link to signal transduction. <i>Trends in Cell Biology</i> , 2006, 16, 588-596.	7.9	466
6	Myocardin-related transcription factors and SRF are required for cytoskeletal dynamics and experimental metastasis. <i>Nature Cell Biology</i> , 2009, 11, 257-268.	10.3	368
7	Rho-actin signaling to the MRTF coactivators dominates the immediate transcriptional response to serum in fibroblasts. <i>Genes and Development</i> , 2014, 28, 943-958.	5.9	297
8	Mutant Actins Demonstrate a Role for Unpolymerized Actin in Control of Transcription by Serum Response Factor. <i>Molecular Biology of the Cell</i> , 2002, 13, 4167-4178.	2.1	229
9	Differential Usage of Signal Transduction Pathways Defines Two Types of Serum Response Factor Target Gene. <i>Journal of Biological Chemistry</i> , 2001, 276, 24531-24539.	3.4	177
10	The Diaphanous-related Formin mDia1 Controls Serum Response Factor Activity through its Effects on Actin Polymerization. <i>Molecular Biology of the Cell</i> , 2002, 13, 4088-4099.	2.1	169
11	ERK activation induces phosphorylation of Elk-1 at multiple S/T-P motifs to high stoichiometry. <i>Oncogene</i> , 1999, 18, 7948-7957.	5.9	159
12	Mutual dependence of the MRTF–SRF and YAP–TEAD pathways in cancer-associated fibroblasts is indirect and mediated by cytoskeletal dynamics. <i>Genes and Development</i> , 2017, 31, 2361-2375.	5.9	152
13	RPEL Motifs Link the Serum Response Factor Cofactor MAL but Not Myocardin to Rho Signaling via Actin Binding. <i>Molecular and Cellular Biology</i> , 2008, 28, 732-742.	2.3	142
14	SRF Co-factors Control the Balance between Cell Proliferation and Contractility. <i>Molecular Cell</i> , 2016, 64, 1048-1061.	9.7	123
15	An actin-regulated importin β -dependent extended bipartite NLS directs nuclear import of MRTF-A. <i>EMBO Journal</i> , 2010, 29, 3448-3458.	7.8	111
16	Opposing effects of Elk-1 multisite phosphorylation shape its response to ERK activation. <i>Science</i> , 2016, 354, 233-237.	12.6	100
17	Molecular basis for G-actin binding to RPEL motifs from the serum response factor coactivator MAL. <i>EMBO Journal</i> , 2008, 27, 3198-3208.	7.8	92
18	Structure of a Pentavalent G-Actin–MRTF-A Complex Reveals How G-Actin Controls Nucleocytoplasmic Shuttling of a Transcriptional Coactivator. <i>Science Signaling</i> , 2011, 4, ra40.	3.6	90

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19	MAL and Ternary Complex Factor Use Different Mechanisms To Contact a Common Surface on the Serum Response Factor DNA-Binding Domain. <i>Molecular and Cellular Biology</i> , 2006, 26, 4134-4148.	2.3	85
20	Ternary complex factor SAP-1 is required for Erk-mediated thymocyte positive selection. <i>Nature Immunology</i> , 2004, 5, 289-298.	14.5	69
21	Phosphorylation acts positively and negatively to regulate MRTF-A subcellular localisation and activity. <i>ELife</i> , 2016, 5, .	6.0	67
22	G-actin regulates the shuttling and PP1 binding of the RPEL protein Phactr1 to control actomyosin assembly. <i>Journal of Cell Science</i> , 2012, 125, 5860-5872.	2.0	54
23	ERK-Induced Activation of TCF Family of SRF Cofactors Initiates a Chromatin Modification Cascade Associated with Transcription. <i>Molecular Cell</i> , 2017, 65, 1081-1095.e5.	9.7	43
24	Ternary Complex Factors SAP-1 and Elk-1, but Not Net, Are Functionally Equivalent in Thymocyte Development. <i>Journal of Immunology</i> , 2010, 185, 1082-1092.	0.8	42
25	Structures of the Phactr1 RPEL Domain and RPEL Motif Complexes with G-Actin Reveal the Molecular Basis for Actin Binding Cooperativity. <i>Structure</i> , 2012, 20, 1960-1970.	3.3	32
26	The Essential Function for Serum Response Factor in T-Cell Development Reflects Its Specific Coupling to Extracellular Signal-Regulated Kinase Signaling. <i>Molecular and Cellular Biology</i> , 2011, 31, 267-276.	2.3	24
27	RPEL-family rhoGAPs link Rac/Cdc42 GTP loading to G-actin availability. <i>Nature Cell Biology</i> , 2019, 21, 845-855.	10.3	24
28	Molecular basis for substrate specificity of the Phactr1/PP1 phosphatase holoenzyme. <i>ELife</i> , 2020, 9, .	6.0	22
29	ERK Signaling Controls Innate-like CD8+ T Cell Differentiation via the ELK4 (SAP-1) and ELK1 Transcription Factors. <i>Journal of Immunology</i> , 2018, 201, 1681-1691.	0.8	17
30	RNA export factor Ddx19 is required for nuclear import of the SRF coactivator MKL1. <i>Nature Communications</i> , 2015, 6, 5978.	12.8	16
31	Mutation in <i>PHACTR1</i> associated with multifocal epilepsy with infantile spasms and hypsarrhythmia. <i>Clinical Genetics</i> , 2021, 99, 673-683.	2.0	6