Richard Treisman

List of Publications by Year
in descending order

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	Mutation in <scp>PHACTR1</scp> associated with multifocal epilepsy with infantile spasms and hypsarrhythmia. Clinical Genetics, 2021, 99, 673-683.	2.0	6
2	Molecular basis for substrate specificity of the Phactr1/PP1 phosphatase holoenzyme. ELife, 2020, 9, .	6.0	22
3	RPEL-family rhoGAPs link Rac/Cdc42 GTP loading to G-actin availability. Nature Cell Biology, 2019, 21, 845-855.	10.3	24
4	ERK Signaling Controls Innate-like CD8+ T Cell Differentiation via the ELK4 (SAP-1) and ELK1 Transcription Factors. Journal of Immunology, 2018, 201, 1681-1691.	0.8	17
5	ERK-Induced Activation of TCF Family of SRF Cofactors Initiates a Chromatin Modification Cascade Associated with Transcription. Molecular Cell, 2017, 65, 1081-1095.e5.	9.7	43
6	Mutual dependence of the MRTFâ€“SRF and YAPâ€“TEAD pathways in cancer-associated fibroblasts is indirect and mediated by cytoskeletal dynamics. Genes and Development, 2017, 31, 2361-2375.	5.9	152
7	SRF Co-factors Control the Balance between Cell Proliferation and Contractility. Molecular Cell, 2016, 64, 1048-1061.	9.7	123
8	Opposing effects of Elk-1 multisite phosphorylation shape its response to ERK activation. Science, 2016, 354, 233-237.	12.6	100
9	Phosphorylation acts positively and negatively to regulate MRTF-A subcellular localisation and activity. ELife, 2016, 5, .	6.0	67
10	RNA export factor Ddx19 is required for nuclear import of the SRF coactivator MKL1. Nature Communications, 2015, 6, 5978.	12.8	16
11	Rho-actin signaling to the MRTF coactivators dominates the immediate transcriptional response to serum in fibroblasts. Genes and Development, 2014, 28, 943-958.	5.9	297
12	G-actin regulates the shuttling and PP1 binding of the RPEL protein Phactr1 to control actomyosin assembly. Journal of Cell Science, 2012, 125, 5860-5872.	2.0	54
13	Structures of the Phactr1 RPEL Domain and RPEL Motif Complexes with G-Actin Reveal the Molecular Basis for Actin Binding Cooperativity. Structure, 2012, 20, 1960-1970.	3.3	32
14	The Essential Function for Serum Response Factor in T-Cell Development Reflects Its Specific Coupling to Extracellular Signal-Regulated Kinase Signaling. Molecular and Cellular Biology, 2011, 31, 267-276.	2.3	24
15	Structure of a Pentavalent G-Actinâ€¢MRTF-A Complex Reveals How G-Actin Controls Nucleocytoplasmic Shuttling of a Transcriptional Coactivator. Science Signaling, 2011, 4, ra40.	3.6	90
16	An actin-regulated importin Î±/Î²-dependent extended bipartite NLS directs nuclear import of MRTF-A. EMBO Journal, 2010, 29, 3448-3458.	7.8	111
17	Ternary Complex Factors SAP-1 and Elk-1, but Not Net, Are Functionally Equivalent in Thymocyte Development. Journal of Immunology, 2010, 185, 1082-1092.	0.8	42
18	Myocardin-related transcription factors and SRF are required for cytoskeletal dynamics and experimental metastasis. Nature Cell Biology, 2009, 11, 257-268.	10.3	368

#	Article	IF	Citations
19	Molecular basis for G-actin binding to RPEL motifs from the serum response factor coactivator MAL. EMBO Journal, 2008, 27, 3198-3208.	7.8	92
20	RPEL Motifs Link the Serum Response Factor Cofactor MAL but Not Myocardin to Rho Signaling via Actin Binding. Molecular and Cellular Biology, 2008, 28, 732-742.	2.3	142
21	Nuclear Actin Regulates Dynamic Subcellular Localization and Activity of the SRF Cofactor MAL. Science, 2007, 316, 1749-1752.	12.6	569
22	Actinâ€™ together: serum response factor, its cofactors and the link to signal transduction. Trends in Cell Biology, 2006, 16, 588-596.	7.9	466
23	MAL and Ternary Complex Factor Use Different Mechanisms To Contact a Common Surface on the Serum Response Factor DNA-Binding Domain. Molecular and Cellular Biology, 2006, 26, 4134-4148.	2.3	85
24	Ternary complex factor SAP-1 is required for Erk-mediated thymocyte positive selection. Nature Immunology, 2004, 5, 289-298.	14.5	69
25	Actin Dynamics Control SRF Activity by Regulation of Its Coactivator MAL. Cell, 2003, 113, 329-342.	28.9	1,181
26	The Diaphanous-related Formin mDia1 Controls Serum Response Factor Activity through its Effects on Actin Polymerization. Molecular Biology of the Cell, 2002, 13, 4088-4099.	2.1	169
27	Mutant Actins Demonstrate a Role for Unpolymerized Actin in Control of Transcription by Serum Response Factor. Molecular Biology of the Cell, 2002, 13, 4167-4178.	2.1	229
28	Differential Usage of Signal Transduction Pathways Defines Two Types of Serum Response Factor Target Gene. Journal of Biological Chemistry, 2001, 276, 24531-24539.	3.4	177
29	ERK activation induces phosphorylation of Elk-1 at multiple S/T-P motifs to high stoichiometry. Oncogene, 1999, 18, 7948-7957.	5.9	159
30	Signal-Regulated Activation of Serum Response Factor Is Mediated by Changes in Actin Dynamics. Cell, 1999, 98, 159-169.	28.9	614
31	The SRF accessory protein Elk-1 contains a growth factor-regulated transcriptional activation domain. Cell, 1993, 73, 381-393.	28.9	1,301