Sankar Ghosh

List of Publications by Year
in descending order

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144 papers	52,636 citations	13332 70 h-index	11946 139 g-index
159 all docs	159 docs citations	159 times ranked	58573 citing authors

#	Article	IF	Citations
1	Functional Implications of Intergenic GWAS SNPs in Immune-Related LncRNAs. Advances in Experimental Medicine and Biology, 2022, 1363, 147-160.	0.8	1
2	PDK1 Is Required for Maintenance of CD4+ Foxp3+ Regulatory T Cell Function. Journal of Immunology, 2021, 206, 1776-1783.	0.4	7
3	Lower threshold to NFÎºB activity sensitizes murine Î²-cells to streptozotocin. Journal of Endocrinology, 2021, 249, 163-175.	1.2	2
4	Metformin selectively dampens the acute inflammatory response through an AMPK-dependent mechanism. Scientific Reports, 2021, 11, 18721.	1.6	25
5	A T cell-intrinsic function for NF-Îº B RelB in experimental autoimmune encephalomyelitis. Scientific Reports, 2021, 11, 19674.	1.6	4
6	Intranuclear Delivery of HIF-1Î±-TMD Alleviates EAE via Functional Conversion of TH17 Cells. Frontiers in Immunology, 2021, 12, 741938.	2.2	4
7	Toll-like Receptor (TLR)-induced Rasgef1b expression in macrophages is regulated by NF-Îº B through its proximal promoter. International Journal of Biochemistry and Cell Biology, 2020, 127, 105840.	1.2	11
8	Îº B-Ras and Ral GTPases regulate acinar to ductal metaplasia during pancreatic adenocarcinoma development and pancreatitis. Nature Communications, 2020, 11, 3409.	5.8	24
9	CpGâ€ODNâ€mediated TLR9 innate immune signalling and calcium dyshomeostasis converge on the NFÎºB inhibitory protein IÎºBÎ² to drive IL1Î± and IL1Î² expression. Immunology, 2020, 160, 64-77.	2.0	11
10	The T1D-associated lncRNA Lnc13 modulates human pancreatic Î² cell inflammation by allele-specific stabilization of STAT1 mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9022-9031.	3.3	43
11	c-Rel is a myeloid checkpoint for cancer immunotherapy. Nature Cancer, 2020, 1, 507-517.	5.7	63
12	Cutaneous p38 mitogen-activated protein kinase activation triggers psoriatic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 1036-1049.	1.5	37
13	Developmentally Regulated Innate Immune NFÎºB Signaling Mediates IL-1Î± Expression in the Perinatal Murine Lung. Frontiers in Immunology, 2019, 10, 1555.	2.2	12
14	Data in support of Rap2a GTPase expression, activation and effects in LPS-mediated innate immune response and NF-Îº B activation. Data in Brief, 2019, 24, 103965.	0.5	2
15	Disease-Associated SNPs in Inflammation-Related lncRNAs. Frontiers in Immunology, 2019, 10, 420.	2.2	74
16	Both knock-down and overexpression of Rap2a small GTPase in macrophages result in impairment of NF-Îº B activity and inflammatory gene expression. Molecular Immunology, 2019, 109, 27-37.	1.0	9
17	The Alternative NF-Îº B Pathway in Regulatory T Cell Homeostasis and Suppressive Function. Journal of Immunology, 2018, 200, 2362-2371.	0.4	74
18	An Essential Role for ECSIT in Mitochondrial Complex I Assembly and Mitophagy in Macrophages. Cell Reports, 2018, 22, 2654-2666.	2.9	74

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19	Intranuclear delivery of the transcription modulation domain of Tbet-improved lupus nephritis in (NZB/NZW) F1 lupus-prone mice. Kidney International, 2018, 93, 1118-1130.	2.6	9
20	Induction of innate immune memory via microRNA targeting of chromatin remodelling factors. Nature, 2018, 559, 114-119.	13.7	145
21	Immuno-suppressive function of nucleus-transducible BAF57-Î”PH in T cell activation via degradation of endogenous BAF57. International Journal of Hematology, 2018, 108, 375-383.	0.7	2
22	TLR sensing of bacterial spore-associated RNA triggers host immune responses with detrimental effects. Journal of Experimental Medicine, 2017, 214, 1297-1311.	4.2	33
23	Understanding the Holobiont: How Microbial Metabolites Affect Human Health and Shape the Immune System. Cell Metabolism, 2017, 26, 110-130.	7.2	572
24	Cytoplasmic Form of Carlr lncRNA Facilitates Inflammatory Gene Expression upon NF-ÎºB Activation. Journal of Immunology, 2017, 199, 581-588.	0.4	35
25	NF-ÎºB c-Rel Is Crucial for the Regulatory T Cell Immune Checkpoint in Cancer. Cell, 2017, 170, 1096-1108.e13.	13.5	222
26	An NF-ÎºB Transcription-Factor-Dependent Lineage-Specific Transcriptional Program Promotes Regulatory T Cell Identity and Function. Immunity, 2017, 47, 450-465.e5.	6.6	161
27	Inhibition of IÎºBÎ²/NFÎºB signaling prevents LPS-induced IL1Î² expression without increasing apoptosis in the developing mouse lung. Pediatric Research, 2017, 82, 1064-1072.	1.1	19
28	Identification and characterization of a long non-coding RNA up-regulated during HIV-1 infection. Virology, 2017, 511, 30-39.	1.1	27
29	Molecular mechanisms of innate memory and tolerance to LPS. Journal of Leukocyte Biology, 2017, 101, 107-119.	1.5	293
30	Determinants of Divergent Adaptive Immune Responses after Airway Sensitization with Ligands of Toll-Like Receptor 5 or Toll-Like Receptor 9. PLoS ONE, 2016, 11, e0167693.	1.1	11
31	Toll-Like Receptor 11 (TLR11) Interacts with Flagellin and Profilin through Disparate Mechanisms. PLoS ONE, 2016, 11, e0148987.	1.1	52
32	A Novel Link between Inflammation and Cancer. Cancer Cell, 2016, 30, 829-830.	7.7	31
33	A long noncoding RNA associated with susceptibility to celiac disease. Science, 2016, 352, 91-95.	6.0	211
34	PDK1 Is a Regulator of Epidermal Differentiation that Activates and Organizes Asymmetric Cell Division. Cell Reports, 2016, 15, 1615-1623.	2.9	34
35	Mice Lacking TLR11 Exhibit Variable Salmonella typhi Susceptibility. Cell, 2016, 164, 829-830.	13.5	14
36	Clean Up after Yourself. Molecular Cell, 2016, 61, 644-645.	4.5	3

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37	Attenuation ofin vitrohostâ€“pathogen interactions in quinolone-resistantSalmonellaTyphi mutants. Journal of Antimicrobial Chemotherapy, 2016, 71, 111-122.	1.3	7
38	Intranasal Delivery of NEMO-Binding Domain Peptide Prevents Memory Loss inÂaÂMouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2015, 47, 385-402.	1.2	41
39	Cutting Edge: NF-ÎºB p65 and c-Rel Control Epidermal Development and Immune Homeostasis in the Skin. Journal of Immunology, 2015, 194, 2472-2476.	0.4	41
40	Intranuclear interactomic inhibition of NF-ÎºB suppresses LPS-induced severe sepsis. Biochemical and Biophysical Research Communications, 2015, 464, 711-717.	1.0	24
41	CHMP5 controls bone turnover rates by dampening NF-ÎºB activity in osteoclasts. Journal of Experimental Medicine, 2015, 212, 1283-1301.	4.2	56
42	Conditional PDK1 Ablation Promotes Epidermal and T-Cell-Mediated Dysfunctions Leading to Inflammatory Skin Disease. Journal of Investigative Dermatology, 2015, 135, 2688-2696.	0.3	10
43	Bridging the gap: A regulator of NF-ÎºB linking inflammation and cancer. Journal of Oral Biosciences, 2015, 57, 143-147.	0.8	14
44	ÎºB-Ras Proteins Regulate Both NF-ÎºB-Dependent Inflammation and Ral-Dependent Proliferation. Cell Reports, 2014, 8, 1793-1807.	2.9	36
45	Innate sense of purpose for IKKÎ². Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17348-17349.	3.3	9
46	The deubiquitinase activity of <scp>A</scp> 20 is dispensable for <scp>NF</scp> â€Îº <scp>B</scp> signaling. EMBO Reports, 2014, 15, 775-783.	2.0	118
47	Regulation of the NF-ÎºB-Mediated Transcription of Inflammatory Genes. Frontiers in Immunology, 2014, 5, 71.	2.2	193
48	Regulation of NF-ÎºB by TNF family cytokines. Seminars in Immunology, 2014, 26, 253-266.	2.7	755
49	Recognition of Profilin by Toll-like Receptor 12 Is Critical for Host Resistance to Toxoplasma gondii. Immunity, 2013, 38, 119-130.	6.6	279
50	<scp>NF</scp>â€ÎºB: roles and regulation in different <scp>CD</scp>4⁺ Tâ€cell subsets. Immunological Reviews, 2013, 252, 41-51.	2.8	313
51	Transition from Heterotypic to Homotypic PDK1 Homodimerization Is Essential for TCR-Mediated NF-ÎºB Activation. Journal of Immunology, 2013, 190, 4508-4515.	0.4	16
52	The Kinase PDK1 Is Essential for B-Cell Receptor Mediated Survival Signaling. PLoS ONE, 2013, 8, e55378.	1.1	20
53	A Role for NF-ÎºB Activity in Skin Hyperplasia and the Development of Keratoacanthomata in Mice. PLoS ONE, 2013, 8, e71887.	1.1	26
54	Tolerization of Inflammatory Gene Expression. Cold Spring Harbor Symposia on Quantitative Biology, 2013, 78, 69-79.	2.0	29

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55	Toll-like Receptor 11 (TLR11) Prevents Salmonella Penetration into the Murine Peyer Patches. Journal of Biological Chemistry, 2012, 287, 43417-43423.	1.6	21
56	A Mouse Model of Salmonella Typhi Infection. Cell, 2012, 151, 590-602.	13.5	189
57	NF-Î°B, the first quarter-century: remarkable progress and outstanding questions. Genes and Development, 2012, 26, 203-234.	2.7	1,404
58	Testing NF-Î°B-based Therapy in Hemiparkinsonian Monkeys. Journal of NeuroImmune Pharmacology, 2012, 7, 544-556.	2.1	35
59	Celebrating 25â€ƒyears of NFâ€Î°B research. Immunological Reviews, 2012, 246, 5-13.	2.8	179
60	NF-Î°B in immunobiology. Cell Research, 2011, 21, 223-244.	5.7	802
61	NF-Î°B, Inflammation, and Metabolic Disease. Cell Metabolism, 2011, 13, 11-22.	7.2	1,564
62	Mitochondria in innate immune responses. Nature Reviews Immunology, 2011, 11, 389-402.	10.6	1,062
63	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. Nature, 2011, 472, 476-480.	13.7	1,303
64	The Two Faces of NF-Î°B Signaling in Cancer Development and Therapy. Cancer Cell, 2011, 20, 556-558.	7.7	23
65	Crosstalk in NF-Î°B signaling pathways. Nature Immunology, 2011, 12, 695-708.	7.0	1,499
66	Cell-Intrinsic NF-Î°B Activation Is Critical for the Development of Natural Regulatory T Cells in Mice. PLoS ONE, 2011, 6, e20003.	1.1	24
67	T Regulatory Cells Maintain Intestinal Homeostasis by Suppressing Î³Î´ T Cells. Immunity, 2010, 33, 791-803.	6.6	148
68	IÎ°BÎ² acts to inhibit and activate gene expression during the inflammatory response. Nature, 2010, 466, 1115-1119.	13.7	175
69	Direct Activation of Protein Kinases by Ubiquitin. Journal of Molecular Cell Biology, 2010, 2, 20-22.	1.5	5
70	Constitutively active NF-Î°B triggers systemic TNFÎ±-dependent inflammation and localized TNFÎ±-independent inflammatory disease. Genes and Development, 2010, 24, 1709-1717.	2.7	87
71	Structure-Based Analysis of Toxoplasma gondii Profilin: A Parasite-Specific Motif Is Required for Recognition by Toll-Like Receptor 11. Journal of Molecular Biology, 2010, 403, 616-629.	2.0	54
72	The NF-ÂB Family of Transcription Factors and Its Regulation. Cold Spring Harbor Perspectives in Biology, 2009, 1, a000034-a000034.	2.3	2,090

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73	The kinase PDK1 integrates T cell antigen receptor and CD28 coreceptor signaling to induce NF-ÎºB and activate T cells. Nature Immunology, 2009, 10, 158-166.	7.0	119
74	Nuclear Factor-ÎºB Modulates Regulatory T Cell Development by Directly Regulating Expression of Foxp3 Transcription Factor. Immunity, 2009, 31, 921-931.	6.6	348
75	New regulators of NF-ÎºB in inflammation. Nature Reviews Immunology, 2008, 8, 837-848.	10.6	1,163
76	Differential Role of the Transcription Factor NF-ÎºB in Selection and Survival of CD4+ and CD8+ Thymocytes. Immunity, 2008, 29, 523-537.	6.6	52
77	Shared Principles in NF-ÎºB Signaling. Cell, 2008, 132, 344-362.	13.5	4,027
78	Phosphorylation of Serine 68 in the IÎºB Kinase (IKK)-binding Domain of NEMO Interferes with the Structure of the IKK Complex and Tumor Necrosis Factor-Î±-induced NF-ÎºB Activity. Journal of Biological Chemistry, 2008, 283, 76-86.	1.6	68
79	Repression of gene expression by unphosphorylated NF-ÎºB p65 through epigenetic mechanisms. Genes and Development, 2008, 22, 1159-1173.	2.7	124
80	Inhibition of NF-ÎºB Activation Reduces the Tissue Effects of Transgenic IL-13. Journal of Immunology, 2007, 179, 7030-7041.	0.4	39
81	Interplay of IKK/NF-ÎºB signaling in macrophages and myofibers promotes muscle degeneration in Duchenne muscular dystrophy. Journal of Clinical Investigation, 2007, 117, 889-901.	3.9	382
82	SnapShot: NF-ÎºB Signaling Pathways. Cell, 2006, 127, 1286.e1-1286.e2.	13.5	67
83	Recognition and Signaling by Toll-Like Receptors. Annual Review of Cell and Developmental Biology, 2006, 22, 409-437.	4.0	612
84	Antigen-Receptor Signaling to Nuclear Factor ÎºB. Immunity, 2006, 25, 701-715.	6.6	290
85	NF-ÎºB is dispensable for normal lymphocyte development in bone marrow but required for protection of progenitors from TNFÎ±. International Immunology, 2006, 18, 653-659.	1.8	15
86	Response to Comment on "PDK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF-ÂB Activation". Science, 2006, 312, 55b-55b.	6.0	5
87	Dimerization of the IÎºB Kinase-Binding Domain of NEMO Is Required for Tumor Necrosis Factor Alpha-Induced NF-ÎºB Activity. Molecular and Cellular Biology, 2006, 26, 9209-9219.	1.1	41
88	NF-_B in the Innate Immune System. , 2006, , 107-129.		0
89	The NF-_B Pathway. , 2006, , 1-7.		0
90	NF-_B in the Adaptive Immune System. , 2006, , 131-157.		0

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91	'PPAR'ting ways with inflammation. Nature Immunology, 2005, 6, 966-967.	7.0	42
92	Role of nuclear factor-kappaB in the immune system and bone. Immunological Reviews, 2005, 208, 80-87.	2.8	136
93	Selective inhibition of NF-?B in dendritic cells by the NEMO-binding domain peptide blocks maturation and prevents T cell proliferation and polarization. European Journal of Immunology, 2005, 35, 1164-1174.	1.6	63
94	Amelioration of acute inflammation by systemic administration of a cell-permeable peptide inhibitor of NF-?B activation. Arthritis and Rheumatism, 2005, 52, 951-958.	6.7	83
95	TAK1, but not TAB1 or TAB2, plays an essential role in multiple signaling pathways in vivo. Genes and Development, 2005, 19, 2668-2681.	2.7	632
96	NF-Î¹B, an Evolutionarily Conserved Mediator of Immune and Inflammatory Responses. , 2005, 560, 41-45.		132
97	Activation of NF-Î¹B promotes the transition of large, CD43+ pre-B cells to small, CD43â^' pre-B cells. International Immunology, 2005, 17, 815-825.	1.8	36
98	Regulating Inducible Transcription Through Controlled Localization. Science Signaling, 2005, 2005, re6-re6.	1.6	37
99	TLR11 Activation of Dendritic Cells by a Protozoan Profilin-Like Protein. Science, 2005, 308, 1626-1629.	6.0	862
100	PDK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF-ÂB Activation. Science, 2005, 308, 114-118.	6.0	230
101	A Novel Ubiquitin-like Domain in Iκ B Kinase Î² Is Required for Functional Activity of the Kinase. Journal of Biological Chemistry, 2004, 279, 45528-45539.	1.6	52
102	NF-ÂB activation in human breast cancer specimens and its role in cell proliferation and apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10137-10142.	3.3	426
103	Keeping cartographers busy. Nature Cell Biology, 2004, 6, 87-89.	4.6	0
104	Selective inhibition of NF-Î¹B blocks osteoclastogenesis and prevents inflammatory bone destruction in vivo. Nature Medicine, 2004, 10, 617-624.	15.2	465
105	A Toll-like Receptor That Prevents Infection by Uropathogenic Bacteria. Science, 2004, 303, 1522-1526.	6.0	909
106	Signaling to NF-ÂB. Genes and Development, 2004, 18, 2195-2224.	2.7	3,444
107	REGULATION OF NF-KB TRANSCRIPTIONAL ACTIVITY. Shock, 2004, 21, 44.	1.0	1
108	Charles A. Janeway, Jr. (1943-2003). Immunity, 2003, 18, 591-592.	6.6	0

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109	The MAGUK Family Protein CARD11 Is Essential for Lymphocyte Activation. Immunity, 2003, 18, 763-775.	6.6	317
110	RelB Forms Transcriptionally Inactive Complexes with RelA/p65. Journal of Biological Chemistry, 2003, 278, 19852-19860.	1.6	130
111	Ecsit is required for Bmp signaling and mesoderm formation during mouse embryogenesis. Genes and Development, 2003, 17, 2933-2949.	2.7	87
112	X-ray Crystal Structure of an IÎºBÎ²Â·NF-ÎºB p65 Homodimer Complex. Journal of Biological Chemistry, 2003, 278, 23094-23100.	1.6	107
113	Differential Phosphorylation of the Signal-responsive Domain of IÎºBÎ± and IÎºBÎ² by IÎºB Kinases. Journal of Biological Chemistry, 2003, 278, 31980-31987.	1.6	39
114	Tumor Necrosis Factor-Î± Induces Nuclear Factor-ÎºB-dependent TRPC1 Expression in Endothelial Cells. Journal of Biological Chemistry, 2003, 278, 37195-37203.	1.6	87
115	Characterization of the IÎºB-kinase NEMO Binding Domain. Journal of Biological Chemistry, 2002, 277, 45992-46000.	1.6	137
116	Regulation of IÎºBÎ² Expression in Testis. Molecular Biology of the Cell, 2002, 13, 4179-4194.	0.9	37
117	Negative Regulation of Toll-like Receptor-mediated Signaling by Tollip. Journal of Biological Chemistry, 2002, 277, 7059-7065.	1.6	521
118	Missing Pieces in the NF-ÎºB Puzzle. Cell, 2002, 109, S81-S96.	13.5	3,354
119	The Phosphorylation Status of Nuclear NF-ÎšB Determines Its Association with CBP/p300 or HDAC-1. Molecular Cell, 2002, 9, 625-636.	4.5	896
120	Toll-like receptorâ€“mediated NF-ÎºB activation: a phylogenetically conserved paradigm in innate immunity. Journal of Clinical Investigation, 2001, 107, 13-19.	3.9	633
121	Cloning and characterization of the gene encoding mouse IÎºBÎ². Gene, 2000, 247, 279-286.	1.0	8
122	NF-ÎºB Activation by the Pre-T Cell Receptor Serves as a Selective Survival Signal in T Lymphocyte Development. Immunity, 2000, 13, 677-689.	6.6	263
123	A Subclass of Ras Proteins That Regulate the Degradation of IB. Science, 2000, 287, 869-873.	6.0	102
124	Role of the Guanosine Triphosphatase Rac2 in T Helper 1 Cell Differentiation. Science, 2000, 288, 2219-2222.	6.0	151
125	Selective Inhibition of NF-kappa B Activation by a Peptide That Blocks the Interaction of NEMO with the Ikappa B Kinase Complex. Science, 2000, 289, 1550-1554.	6.0	664
126	Î²-TrCP Mediates the Signal-induced Ubiquitination of IÎºBÎ². Journal of Biological Chemistry, 1999, 274, 29591-29594.	1.6	57

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127	Regulation of inducible gene expression by the transcription factor NF-Î²B. Immunologic Research, 1999, 19, 183-190.	1.3	128
128	SIGNAL TRANSDUCTION:IκB Kinases: Kinsmen with Different Crafts. Science, 1999, 284, 271-273.	6.0	127
129	A novel DNA recognition mode by the NF-Î²B p65 homodimer. Nature Structural Biology, 1998, 5, 67-73.	9.7	218
130	Signal transduction through NF-Î²B. Trends in Immunology, 1998, 19, 80-88.	7.5	1,045
131	Phosphorylation of NF-Î²B p65 by PKA Stimulates Transcriptional Activity by Promoting a Novel Bivalent Interaction with the Coactivator CBP/p300. Molecular Cell, 1998, 1, 661-671.	4.5	1,116
132	NF-Î²B AND REL PROTEINS: Evolutionarily Conserved Mediators of Immune Responses. Annual Review of Immunology, 1998, 16, 225-260.	9.5	4,878
133	The Transcriptional Activity of NF-Î²B Is Regulated by the IÎ²B-Associated PKAc Subunit through a Cyclic AMPâ€“Independent Mechanism. Cell, 1997, 89, 413-424.	13.5	798
134	Fas activates NF-Î²B and induces apoptosis in T-cell lines by signaling pathways distinct from those induced by TNF-Î±. Cell Death and Differentiation, 1997, 4, 130-139.	5.0	24
135	Rel/NF-Î²B and IÎ²B proteins: an overview. Seminars in Cancer Biology, 1997, 8, 63-73.	4.3	335
136	A Sustained Reduction in IÎ²B-Î² May Contribute to Persistent NF-Î²B Activation in Human Endothelial Cells. Journal of Biological Chemistry, 1996, 271, 16317-16322.	1.6	100
137	Structure of NF-Î²B p50 homodimer bound to a Î²B site. Nature, 1995, 373, 303-310.	13.7	571
138	Embryonic lethality and liver degeneration in mice lacking the RelA component of NF-Î²B. Nature, 1995, 376, 167-170.	13.7	1,766
139	Regulation of immunoglobulin gene transcription. , 1995, , 397-422.		8
140	NF-Î²B and Rel Proteins in Innate Immunity. Advances in Immunology, 1995, 58, 1-27.	1.1	395
141	IÎ²B-Î² regulates the persistent response in a biphasic activation of NF-Î²B. Cell, 1995, 80, 573-582.	13.5	758
142	DNA binding and IÎ²B inhibition of the cloned p65 subunit of NF-Î²B, a rel-related polypeptide. Cell, 1991, 64, 961-969.	13.5	644
143	Activation in vitro of NF-Î²B" by phosphorylation of its inhibitor IÎ²B". Nature, 1990, 344, 678-682.	13.7	1,280
144	Cloning of the p50 DNA binding subunit of NF-Î²B: Homology to rel and dorsal. Cell, 1990, 62, 1019-1029.	13.5	929