Rauf Latif

List of Publications by Year
in descending order

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83	3,571	126708	143772
papers	citations	33	57
		h-index	g-index

84	84	84	2891
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blocking FSH induces thermogenic adipose tissue and reduces body fat. Nature, 2017, 546, 107-112.	13.7	250
2	Thyrotropin receptor-associated diseases: from adenomata to Graves disease. Journal of Clinical Investigation, 2005, 115, 1972-1983.	3.9	233
3	Gravesâ€™ disease. Nature Reviews Disease Primers, 2020, 6, 52.	18.1	199
4	The TSH receptor reveals itself. Journal of Clinical Investigation, 2002, 110, 161-164.	3.9	142
5	Characterization of Thyrotropin Receptor Antibody-Induced Signaling Cascades. Endocrinology, 2009, 150, 519-529.	1.4	139
6	Blocking antibody to the Î²-subunit of FSH prevents bone loss by inhibiting bone resorption and stimulating bone synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14574-14579.	3.3	129
7	Intermittent recombinant TSH injections prevent ovariectomy-induced bone loss. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4289-4294.	3.3	118
8	TSH receptor autoantibodies. Autoimmunity Reviews, 2009, 9, 113-116.	2.5	109
9	Delineating the autoimmune mechanisms in Gravesâ€™ disease. Immunologic Research, 2012, 54, 191-203.	1.3	108
10	Oligomerization of the Human Thyrotropin Receptor. Journal of Biological Chemistry, 2001, 276, 45217-45224.	1.6	106
11	Ligand-dependent Inhibition of Oligomerization at the Human Thyrotropin Receptor. Journal of Biological Chemistry, 2002, 277, 45059-45067.	1.6	106
12	The TSH receptor reveals itself. Journal of Clinical Investigation, 2002, 110, 161-164.	3.9	102
13	Neutral Antibodies to the TSH Receptor Are Present in Gravesâ€™ Disease and Regulate Selective Signaling Cascades. Endocrinology, 2010, 151, 5537-5549.	1.4	87
14	Thyroid Epigenetics. Annals of the New York Academy of Sciences, 2007, 1110, 193-200.	1.8	84
15	Hyperthyroid-associated osteoporosis is exacerbated by the loss of TSH signaling. Journal of Clinical Investigation, 2012, 122, 3737-3741.	3.9	83
16	The Thyroid-Stimulating Hormone Receptor: Impact of Thyroid-Stimulating Hormone and Thyroid-Stimulating Hormone Receptor Antibodies on Multimerization, Cleavage, and Signaling. Endocrinology and Metabolism Clinics of North America, 2009, 38, 319-341.	1.2	79
17	A monoclonal thyroid-stimulating antibody. Journal of Clinical Investigation, 2002, 110, 1667-1674.	3.9	75
18	The Influence of Thyroid-Stimulating Hormone and Thyroid-Stimulating Hormone Receptor Antibodies on Osteoclastogenesis. Thyroid, 2011, 21, 897-906.	2.4	62

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19	A monoclonal thyroid-stimulating antibody. Journal of Clinical Investigation, 2002, 110, 1667-1674.	3.9	62
20	Thyroid-stimulating hormone induces a Wnt-dependent, feed-forward loop for osteoblastogenesis in embryonic stem cell cultures. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16277-16282.	3.3	60
21	Influence of the TSH Receptor Gene on Susceptibility to Graves' Disease and Graves' Ophthalmopathy. Thyroid, 2008, 18, 1201-1206.	2.4	55
22	Genetically Driven Target Tissue Overexpression of CD40: A Novel Mechanism in Autoimmune Disease. Journal of Immunology, 2012, 189, 3043-3053.	0.4	54
23	Human Embryonic Stem Cells Form Functional Thyroid Follicles. Thyroid, 2015, 25, 455-461.	2.4	54
24	The Genetics of the Thyroid Stimulating Hormone Receptor: History and Relevance. Thyroid, 2010, 20, 727-736.	2.4	53
25	Thyroid Follicle Formation and Thyroglobulin Expression in Multipotent Endodermal Stem Cells. Thyroid, 2013, 23, 385-391.	2.4	52
26	Thyrotropin receptor antibodies: new insights into their actions and clinical relevance. Best Practice and Research in Clinical Endocrinology and Metabolism, 2005, 19, 33-52.	2.2	50
27	Genetic Profiling in Graves' Disease: Further Evidence for Lack of a Distinct Genetic Contribution to Graves' Ophthalmopathy. Thyroid, 2012, 22, 730-736.	2.4	50
28	Thyrotropin-Independent Induction of Thyroid Endoderm from Embryonic Stem Cells by Activin A. Endocrinology, 2009, 150, 1970-1975.	1.4	47
29	How one TSH receptor antibody induces thyrocyte proliferation while another induces apoptosis. Journal of Autoimmunity, 2013, 47, 17-24.	3.0	47
30	The Emerging Cell Biology of Thyroid Stem Cells. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2692-2702.	1.8	45
31	Dissecting Linear and Conformational Epitopes on the Native Thyrotropin Receptor. Endocrinology, 2004, 145, 5185-5193.	1.4	42
32	New Genetic Insights from Autoimmune Thyroid Disease. Journal of Thyroid Research, 2012, 2012, 1-6.	0.5	38
33	CCR7 Deficiency in NOD Mice Leads to Thyroiditis and Primary Hypothyroidism. Journal of Immunology, 2009, 183, 3073-3080.	0.4	36
34	Targeting the thyroid-stimulating hormone receptor with small molecule ligands and antibodies. Expert Opinion on Therapeutic Targets, 2015, 19, 835-847.	1.5	35
35	TSH Receptor Signaling Abrogation by a Novel Small Molecule. Frontiers in Endocrinology, 2016, 7, 130.	1.5	34
36	Expanding the Role of Thyroid-Stimulating Hormone in Skeletal Physiology. Frontiers in Endocrinology, 2017, 8, 252.	1.5	34

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37	New Small Molecule Agonists to the Thyrotropin Receptor. Thyroid, 2015, 25, 51-62.	2.4	32
38	Concentration-dependent regulation of thyrotropin receptor function by thyroid-stimulating antibody. Journal of Clinical Investigation, 2004, 113, 1589-1595.	3.9	29
39	De novo triiodothyronine formation from thyrocytes activated by thyroid-stimulating hormone. Journal of Biological Chemistry, 2017, 292, 15434-15444.	1.6	27
40	Stemness is Derived from Thyroid Cancer Cells. Frontiers in Endocrinology, 2014, 5, 114.	1.5	25
41	mRNA-Seq Reveals Novel Molecular Mechanisms and a Robust Fingerprint in Graves' Disease. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2076-E2083.	1.8	24
42	Thyroid Cell Differentiation from Murine Induced Pluripotent Stem Cells. Frontiers in Endocrinology, 2015, 6, 56.	1.5	24
43	Monte Carlo loop refinement and virtual screening of the thyroid-stimulating hormone receptor transmembrane domain. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1140-1152.	2.0	22
44	Antibody-induced modulation of TSH receptor post-translational processing. Journal of Endocrinology, 2007, 195, 179-186.	1.2	21
45	TAZ Induction Directs Differentiation of Thyroid Follicular Cells from Human Embryonic Stem Cells. Thyroid, 2017, 27, 292-299.	2.4	21
46	Biased signaling by thyroid-stimulating hormone receptorâ€“specific antibodies determines thyrocyte survival in autoimmunity. Science Signaling, 2018, 11, .	1.6	21
47	Reversal of the CD4+/CD8+T-Cell Ratio in Lymph Node Cells upon In Vitro Mitogenic Stimulation by Highly Purified, Water-Soluble S3-S4 Dimer of Pertussis Toxin. Infection and Immunity, 2001, 69, 3073-3081.	1.0	17
48	Allosteric Modulators Hit the TSH Receptor. Endocrinology, 2014, 155, 1-5.	1.4	16
49	Transmembrane Domains of Attraction on the TSH Receptor. Endocrinology, 2015, 156, 488-498.	1.4	16
50	A Tyrosine Residue on the TSH Receptor Stabilizes Multimer Formation. PLoS ONE, 2010, 5, e9449.	1.1	15
51	Targeting thyroid diseases with TSH receptor analogs. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2013, 60, 590-598.	0.8	14
52	Subunit Interactions Influence TSHR Multimerization. Molecular Endocrinology, 2010, 24, 2009-2018.	3.7	13
53	Cleavage Region Thyrotropin Receptor Antibodies Influence Thyroid Cell Survival In Vivo. Thyroid, 2019, 29, 993-1002.	2.4	13
54	Editorial: TSH Receptor and Autoimmunity. Frontiers in Endocrinology, 2019, 10, 19.	1.5	13

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55	A Gq Biased Small Molecule Active at the TSH Receptor. Frontiers in Endocrinology, 2020, 11, 372.	1.5	13
56	A Stem Cell Surge During Thyroid Regeneration. Frontiers in Endocrinology, 2020, 11, 606269.	1.5	13
57	The â€œTSH Receptor Glo Assayâ€•â€“ A High-Throughput Detection System for Thyroid Stimulation. Frontiers in Endocrinology, 2016, 7, 3.	1.5	12
58	A dipstick immunobinding enzyme-linked immunosorbent assay for serodiagnosis of hepatitis B and delta virus infections. Journal of Virological Methods, 1992, 38, 145-152.	1.0	11
59	A Modifying Autoantigen in Gravesâ€™ Disease. Endocrinology, 2019, 160, 1008-1020.	1.4	11
60	Derivation and 97% Purification of Human Thyroid Cells From Dermal Fibroblasts. Frontiers in Endocrinology, 2020, 11, 446.	1.5	11
61	Antibody Protection Reveals Extended Epitopes on the Human TSH Receptor. PLoS ONE, 2012, 7, e44669.	1.1	11
62	Thyrotropin, Hyperthyroidism, and Bone Mass. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4809-e4821.	1.8	10
63	Targeting thyroid diseases with TSH receptor analogs. EndocrinologÃa Y NutriciÃ³n (English Edition), 2013, 60, 590-598.	0.5	9
64	Implications of an Improved Model of the TSH Receptor Transmembrane Domain (TSHR-TMD-TRIO). Endocrinology, 2021, 162, .	1.4	9
65	Antigenic â€œHot- Spotsâ€•on the TSH Receptor Hinge Region. Frontiers in Endocrinology, 2019, 9, 765.	1.5	8
66	Epigenetic Changes During Human Thyroid Cell Differentiation. Thyroid, 2020, 30, 1666-1675.	2.4	7
67	Mechanisms in Graves Eye Disease: Apoptosis as the End Point of Insulin-Like Growth Factor 1 Receptor Inhibition. Thyroid, 2022, 32, 429-439.	2.4	6
68	Inheriting Autoimmune Thyroid Disease. Endocrine Practice, 2009, 15, 63-66.	1.1	5
69	The Transient Human Thyroid Progenitor Cell: Examining the Thyroid Continuum from Stem Cell to Follicular Cell. Thyroid, 2021, 31, 1151-1159.	2.4	4
70	Brief Report - Monoclonal Antibodies Illustrate the Difficulties in Measuring Blocking TSH Receptor Antibodies. Frontiers in Endocrinology, 0, 13, .	1.5	4
71	Immunopathogenesis of Gravesâ€™ Disease. , 2011, , 457-481.		2
72	Rescue of thyroid cells from antibody induced cell death via induction of autophagy. Journal of Autoimmunity, 2022, 126, 102746.	3.0	2

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73	The Human TSHÎ² Subunit Proteins and Their Binding Sites on the TSH Receptor Using Molecular Dynamics Simulation. Endocrinology, 2020, 161, .	1.4	1
74	Neutral Antibodies to the TSH Receptor Are Present in Gravesâ€™ Disease and Regulate Selective Signaling Cascades. Endocrine Reviews, 2010, 31, 774-775.	8.9	0
75	Predicting Transmembrane Dimerization and the Interfaces in Thyroid-Stimulating Hormone Receptor (TSHR) Using Brownian Dynamics Stimulation. Biophysical Journal, 2011, 100, 158a.	0.2	0
76	Monte Carlo Loop Refinement of Trans-Membrane Domain of the Thyroid Stimulating Hormone Receptor. Biophysical Journal, 2012, 102, 397a.	0.2	0
77	Modelling TSH and its Receptor Complex for Binding Affinity. Biophysical Journal, 2013, 104, 665a.	0.2	0
78	Structure Function Studies of a Novel Human TSH Beta Variant. Biophysical Journal, 2017, 112, 360a.	0.2	0
79	Long Term Rescue of the TSH Receptor Knock-Out Mouse â€“ Thyroid Stem Cell Transplantation Restores Thyroid Function. Frontiers in Endocrinology, 2021, 12, 706101.	1.5	0
80	Neutral Antibodies to the TSH Receptor Are Present in Gravesâ€™ Disease and Regulate Selective Signaling Cascades. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4778-4779.	1.8	0
81	Genetic Profiling in Gravesâ€™ Disease: Further Evidence for Lack of a Distinct Genetic Contribution to Gravesâ€™ Ophthalmopathy. Thyroid, 0, , 120410232210005.	2.4	0
82	OR10-2 A Modifying Autoantigen in Graves' Disease. Journal of the Endocrine Society, 2019, 3, .	0.1	0
83	SAT-558 Tsh Modulation Of Bone Biology - Further Evidence From A Recombinant Tsh-Î² Variant.. Journal of the Endocrine Society, 2019, 3, .	0.1	0