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	Rescue of thyroid cells from antibody induced cell death via induction of autophagy. Journal of Autoimmunity, 2022, 126, 102746.	3.0	2
2	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
3	Implications of an Improved Model of the TSH Receptor Transmembrane Domain (TSHR-TMD-TRIO). Endocrinology, 2021, 162, .	1.4	9
4	The Transient Human Thyroid Progenitor Cell: Examining the Thyroid Continuum from Stem Cell to Follicular Cell. Thyroid, 2021, 31, 1151-1159.	2.4	4
5	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
6	Thyrotropin, Hyperthyroidism, and Bone Mass. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4809-e4821.	1.8	10
7	Derivation and 97% Purification of Human Thyroid Cells From Dermal Fibroblasts. Frontiers in Endocrinology, 2020, 11, 446.	1.5	11
8	The Human TSHÎ² Subunit Proteins and Their Binding Sites on the TSH Receptor Using Molecular Dynamics Simulation. Endocrinology, 2020, 161, .	1.4	1
9	Epigenetic Changes During Human Thyroid Cell Differentiation. Thyroid, 2020, 30, 1666-1675.	2.4	7
10	A Gq Biased Small Molecule Active at the TSH Receptor. Frontiers in Endocrinology, 2020, 11, 372.	1.5	13
11	Gravesâ€™ disease. Nature Reviews Disease Primers, 2020, 6, 52.	18.1	199
12	A Stem Cell Surge During Thyroid Regeneration. Frontiers in Endocrinology, 2020, 11, 606269.	1.5	13
13	Cleavage Region Thyrotropin Receptor Antibodies Influence Thyroid Cell Survival In Vivo. Thyroid, 2019, 29, 993-1002.	2.4	13
14	A Modifying Autoantigen in Gravesâ€™ Disease. Endocrinology, 2019, 160, 1008-1020.	1.4	11
15	Editorial: TSH Receptor and Autoimmunity. Frontiers in Endocrinology, 2019, 10, 19.	1.5	13
16	Antigenic â€œHot- Spotsâ€•on the TSH Receptor Hinge Region. Frontiers in Endocrinology, 2019, 9, 765.	1.5	8
17	OR10-2 A Modifying Autoantigen in Graves' Disease. Journal of the Endocrine Society, 2019, 3, .	0.1	0
18	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

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19	Biased signaling by thyroid-stimulating hormone receptorâ€“specific antibodies determines thyrocyte survival in autoimmunity. Science Signaling, 2018, 11, .	1.6	21
20	Structure Function Studies of a Novel Human TSH Beta Variant. Biophysical Journal, 2017, 112, 360a.	0.2	0
21	Blocking FSH induces thermogenic adipose tissue and reduces body fat. Nature, 2017, 546, 107-112.	13.7	250
22	De novo triiodothyronine formation from thyrocytes activated by thyroid-stimulating hormone. Journal of Biological Chemistry, 2017, 292, 15434-15444.	1.6	27
23	TAZ Induction Directs Differentiation of Thyroid Follicular Cells from Human Embryonic Stem Cells. Thyroid, 2017, 27, 292-299.	2.4	21
24	Expanding the Role of Thyroid-Stimulating Hormone in Skeletal Physiology. Frontiers in Endocrinology, 2017, 8, 252.	1.5	34
25	The â€œTSH Receptor Glo Assayâ€•â€“ A High-Throughput Detection System for Thyroid Stimulation. Frontiers in Endocrinology, 2016, 7, 3.	1.5	12
26	TSH Receptor Signaling Abrogation by a Novel Small Molecule. Frontiers in Endocrinology, 2016, 7, 130.	1.5	34
27	Thyroid Cell Differentiation from Murine Induced Pluripotent Stem Cells. Frontiers in Endocrinology, 2015, 6, 56.	1.5	24
28	Human Embryonic Stem Cells Form Functional Thyroid Follicles. Thyroid, 2015, 25, 455-461.	2.4	54
29	Targeting the thyroid-stimulating hormone receptor with small molecule ligands and antibodies. Expert Opinion on Therapeutic Targets, 2015, 19, 835-847.	1.5	35
30	Transmembrane Domains of Attraction on the TSH Receptor. Endocrinology, 2015, 156, 488-498.	1.4	16
31	New Small Molecule Agonists to the Thyrotropin Receptor. Thyroid, 2015, 25, 51-62.	2.4	32
32	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
33	Stemness is Derived from Thyroid Cancer Cells. Frontiers in Endocrinology, 2014, 5, 114.	1.5	25
34	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
35	Allosteric Modulators Hit the TSH Receptor. Endocrinology, 2014, 155, 1-5.	1.4	16
36	Targeting thyroid diseases with TSH receptor analogs. EndocrinologÃa Y NutriciÃ³n (English Edition), 2013, 60, 590-598.	0.5	9

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37	How one TSH receptor antibody induces thyrocyte proliferation while another induces apoptosis. Journal of Autoimmunity, 2013, 47, 17-24.	3.0	47
38	Modelling TSH and its Receptor Complex for Binding Affinity. Biophysical Journal, 2013, 104, 665a.	0.2	0
39	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
40	Thyroid Follicle Formation and Thyroglobulin Expression in Multipotent Endodermal Stem Cells. Thyroid, 2013, 23, 385-391.	2.4	52
41	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
42	Genetically Driven Target Tissue Overexpression of CD40: A Novel Mechanism in Autoimmune Disease. Journal of Immunology, 2012, 189, 3043-3053.	0.4	54
43	New Genetic Insights from Autoimmune Thyroid Disease. Journal of Thyroid Research, 2012, 2012, 1-6.	0.5	38
44	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
45	Delineating the autoimmune mechanisms in Gravesâ€™ disease. Immunologic Research, 2012, 54, 191-203.	1.3	108
46	Monte Carlo Loop Refinement of Trans-Membrane Domain of the Thyroid Stimulating Hormone Receptor. Biophysical Journal, 2012, 102, 397a.	0.2	0
47	Hyperthyroid-associated osteoporosis is exacerbated by the loss of TSH signaling. Journal of Clinical Investigation, 2012, 122, 3737-3741.	3.9	83
48	Antibody Protection Reveals Extended Epitopes on the Human TSH Receptor. PLoS ONE, 2012, 7, e44669.	1.1	11
49	The Influence of Thyroid-Stimulating Hormone and Thyroid-Stimulating Hormone Receptor Antibodies on Osteoclastogenesis. Thyroid, 2011, 21, 897-906.	2.4	62
50	Predicting Transmembrane Dimerization and the Interfaces in Thyroid-Stimulating Hormone Receptor (TSHR) Using Brownian Dynamics Stimulation. Biophysical Journal, 2011, 100, 158a.	0.2	0
51	The Emerging Cell Biology of Thyroid Stem Cells. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2692-2702.	1.8	45
52	Immunopathogenesis of Gravesâ€™ Disease. , 2011, , 457-481.		2
53	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
54	A Tyrosine Residue on the TSH Receptor Stabilizes Multimer Formation. PLoS ONE, 2010, 5, e9449.	1.1	15

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55	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
56	Subunit Interactions Influence TSHR Multimerization. Molecular Endocrinology, 2010, 24, 2009-2018.	3.7	13
57	Neutral Antibodies to the TSH Receptor Are Present in Gravesâ€™ Disease and Regulate Selective Signaling Cascades. Endocrinology, 2010, 151, 5537-5549.	1.4	87
58	The Genetics of the Thyroid Stimulating Hormone Receptor: History and Relevance. Thyroid, 2010, 20, 727-736.	2.4	53
59	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
60	Inheriting Autoimmune Thyroid Disease. Endocrine Practice, 2009, 15, 63-66.	1.1	5
61	CCR7 Deficiency in NOD Mice Leads to Thyroiditis and Primary Hypothyroidism. Journal of Immunology, 2009, 183, 3073-3080.	0.4	36
62	Characterization of Thyrotropin Receptor Antibody-Induced Signaling Cascades. Endocrinology, 2009, 150, 519-529.	1.4	139
63	Thyrotropin-Independent Induction of Thyroid Endoderm from Embryonic Stem Cells by Activin A. Endocrinology, 2009, 150, 1970-1975.	1.4	47
64	TSH receptor autoantibodies. Autoimmunity Reviews, 2009, 9, 113-116.	2.5	109
65	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
66	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
67	Influence of the TSH Receptor Gene on Susceptibility to Graves' Disease and Graves' Ophthalmopathy. Thyroid, 2008, 18, 1201-1206.	2.4	55
68	Antibody-induced modulation of TSH receptor post-translational processing. Journal of Endocrinology, 2007, 195, 179-186.	1.2	21
69	Thyroid Epigenetics. Annals of the New York Academy of Sciences, 2007, 1110, 193-200.	1.8	84
70	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
71	Thyrotropin receptor-associated diseases: from adenomata to Graves disease. Journal of Clinical Investigation, 2005, 115, 1972-1983.	3.9	233
72	Dissecting Linear and Conformational Epitopes on the Native Thyrotropin Receptor. Endocrinology, 2004, 145, 5185-5193.	1.4	42

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73	Concentration-dependent regulation of thyrotropin receptor function by thyroid-stimulating antibody. Journal of Clinical Investigation, 2004, 113, 1589-1595.	3.9	29
74	Ligand-dependent Inhibition of Oligomerization at the Human Thyrotropin Receptor. Journal of Biological Chemistry, 2002, 277, 45059-45067.	1.6	106
75	The TSH receptor reveals itself. Journal of Clinical Investigation, 2002, 110, 161-164.	3.9	142
76	A monoclonal thyroid-stimulating antibody. Journal of Clinical Investigation, 2002, 110, 1667-1674.	3.9	75
77	The TSH receptor reveals itself. Journal of Clinical Investigation, 2002, 110, 161-164.	3.9	102
78	A monoclonal thyroid-stimulating antibody. Journal of Clinical Investigation, 2002, 110, 1667-1674.	3.9	62
79	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
80	Oligomerization of the Human Thyrotropin Receptor. Journal of Biological Chemistry, 2001, 276, 45217-45224.	1.6	106
81	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
82	Genetic Profiling in Gravesâ€™ Disease: Further Evidence for Lack of a Distinct Genetic Contribution to Gravesâ€™ Ophthalmopathy. Thyroid, 0, , 120410232210005.	2.4	0
83	Brief Report - Monoclonal Antibodies Illustrate the Difficulties in Measuring Blocking TSH Receptor Antibodies. Frontiers in Endocrinology, 0, 13, .	1.5	4