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Overview of retinoid metabolism and function

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728	Functional implication of the vitamin A signaling pathway in the brain. 2007, 64, 1706-11		64
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723	Disturbance of retinol transportation causes nitrofen-induced hypoplastic lung. 2007, 42, 345-9		50
722	Characterization of retinaldehyde dehydrogenase-2 induction in NG2-positive glia after spinal cord contusion injury. 2007 , 25, 7-16		25
721	Mutations in STRA6 cause a broad spectrum of malformations including anophthalmia, congenital heart defects, diaphragmatic hernia, alveolar capillary dysplasia, lung hypoplasia, and mental retardation. 2007 , 80, 550-60		281
720	Retinoids and Carotenoids in Dermatology. 2007,		10
719	Simultaneous isolation of human BM hematopoietic, endothelial and mesenchymal progenitor cells by flow sorting based on aldehyde dehydrogenase activity: implications for cell therapy. 2007 , 9, 259-7	74	96
718	The regulation of cyclin D1 degradation: roles in cancer development and the potential for therapeutic invention. 2007 , 6, 24		547
717	Linking animal models to human congenital diaphragmatic hernia. 2007 , 79, 565-72		50
716	Retinoids in biological control and cancer. 2007 , 102, 886-98		92
715	Is retinol-binding protein (RBP) just the carrier for retinol in the bloodstream?. 2007 , 109, 467-468		1

(2008-2007)

714	Effects of inflammatory cytokines IL-1beta, IL-6, and TNFalpha on the intracellular localization of retinoid receptors in Schwann cells. 2007 , 55, 152-64	36
713	Localized rbp4 expression in the yolk syncytial layer plays a role in yolk cell extension and early liver development. 2007 , 7, 117	29
712	Retinoic acid in the development, regeneration and maintenance of the nervous system. 2007, 8, 755-65	630
711	Diverse actions of retinoid receptors in cancer prevention and treatment. 2007 , 75, 853-70	140
710	Is the modulation of retinoid and retinoid-associated signaling a future therapeutic strategy in neurological trauma and neurodegeneration?. 2008 , 104, 584-95	28
709	Generation of gut-homing T cells and their localization to the small intestinal mucosa. 2007 , 215, 226-42	178
708	Vitamin A deficiency induces a decrease in EEG delta power during sleep in mice. 2007 , 1150, 121-30	31
707	Wnt signaling is a key mediator of Cdx1 expression in vivo. 2007 , 134, 2315-23	51
706	Altered regulation of retinoic acid synthesis in nitrofen-induced hypoplastic lung. 2007, 23, 391-6	34
705	Congenital diaphragmatic hernia and retinoids: searching for an etiology. 2008 , 24, 755-61	94
704	Dynamic expression of the retinoic acid-synthesizing enzyme retinol dehydrogenase 10 (rdh10) in the developing mouse brain and sensory organs. 2008 , 508, 879-92	33
703	Retinoic acid signaling in development: tissue-specific functions and evolutionary origins. 2008, 46, 640-56	101
702	The role of retinoids and their receptors in metabolic disorders. 2008 , 110, 191-205	1
701	Starring stellate cells in liver immunology. 2008 , 20, 68-74	66
700	HPLC/UV quantitation of retinal, retinol, and retinyl esters in serum and tissues. 2008, 378, 71-9	132
699	Expression of genes associated with retinoid metabolism in the trout ovarian follicle. 2008 , 79, 570-7	18
698	Dendritic cells in intestinal immune regulation. 2008, 8, 435-46	584
697	Vitamin effects on the immune system: vitamins A and D take centre stage. 2008 , 8, 685-98	1024

696	Anti-inflammatory effect of retinoic acid on prostaglandin synthesis in cultured cortical astrocytes. 2008 , 106, 320-32	31
695	Up-regulation of the SOX3 gene expression by retinoic acid: characterization of the novel promoter-response element and the retinoid receptors involved. 2008 , 107, 1206-15	18
694	The ylo-1 gene encodes an aldehyde dehydrogenase responsible for the last reaction in the Neurospora carotenoid pathway. 2008 , 69, 1207-20	43
693	Gene expression profiling elucidates a specific role for RARgamma in the retinoic acid-induced differentiation of F9 teratocarcinoma stem cells. 2008 , 75, 1129-60	50
692	Retinoic acid. 2008 , 18, R191-2	17
691	Retinoic acid. 2008 , 18, 550-552	21
690	CD103+ GALT DCs promote Foxp3+ regulatory T cells. 2008 , 1 Suppl 1, S34-8	54
689	Crystal structures of substrate-free and retinoic acid-bound cyanobacterial cytochrome P450 CYP120A1. 2008 , 47, 6552-9	31
688	Non-protein coding RNA biomarkers and differential expression in cancers: a review. 2008 , 27, 19	47
687	Bioactive Components of Milk. 2008,	10
687 686	Bioactive Components of Milk. 2008, T-cell recruitment to the intestinal mucosa. 2008, 29, 514-22	10
,		
686	T-cell recruitment to the intestinal mucosa. 2008 , 29, 514-22	120
686	T-cell recruitment to the intestinal mucosa. 2008 , 29, 514-22 RAR/RXR and PPAR/RXR signaling in neurological and psychiatric diseases. 2008 , 85, 433-51 CYP26A1 knockout embryonic stem cells exhibit reduced differentiation and growth arrest in	120 67
686 685 684	T-cell recruitment to the intestinal mucosa. 2008, 29, 514-22 RAR/RXR and PPAR/RXR signaling in neurological and psychiatric diseases. 2008, 85, 433-51 CYP26A1 knockout embryonic stem cells exhibit reduced differentiation and growth arrest in response to retinoic acid. 2008, 315, 331-54	120 67 33
686 685 684 683	T-cell recruitment to the intestinal mucosa. 2008, 29, 514-22 RAR/RXR and PPAR/RXR signaling in neurological and psychiatric diseases. 2008, 85, 433-51 CYP26A1 knockout embryonic stem cells exhibit reduced differentiation and growth arrest in response to retinoic acid. 2008, 315, 331-54 Pursuing a 'turning point' in growth cone research. 2008, 318, 102-11 Retinoic acid regulates murine enteric nervous system precursor proliferation, enhances neuronal	120 67 33 21
686 685 684 683	T-cell recruitment to the intestinal mucosa. 2008, 29, 514-22 RAR/RXR and PPAR/RXR signaling in neurological and psychiatric diseases. 2008, 85, 433-51 CYP26A1 knockout embryonic stem cells exhibit reduced differentiation and growth arrest in response to retinoic acid. 2008, 315, 331-54 Pursuing a 'turning point' in growth cone research. 2008, 318, 102-11 Retinoic acid regulates murine enteric nervous system precursor proliferation, enhances neuronal precursor differentiation, and reduces neurite growth in vitro. 2008, 320, 185-98 Effects of Retinoic Acid-induced PKC-d on the Insulin Like Growth Factor-I (IGF-I)System is Involved	120 67 33 21

(2009-2008)

678	Selected natural and synthetic retinoids impair CCR7- and CXCR4-dependent cell migration in vitro and in vivo. 2008 , 84, 871-9	22
677	Retinoids accelerate B lineage lymphoid differentiation. 2008 , 180, 138-45	46
676	Hypervitaminosis a in pediatric hematopoietic stem cell patients requiring renal replacement therapy. 2008 , 23, 621-9	13
675	Retinoids regulate genes involved in retinoic acid synthesis and transport in human myometrial and fibroid smooth muscle cells. 2008 , 23, 1076-86	22
674	Phototransduction in Rods and Cones. 2008 , 269-301	8
673	Inflammation resolved by retinoid X receptor-mediated inactivation of leukotriene signaling pathways. 2008 , 22, 538-47	11
672	Restriction of retinoic acid activity by Cyp26b1 is required for proper timing and patterning of osteogenesis during zebrafish development. 2008 , 135, 3775-87	101
671	Identification of a novel asthma susceptibility gene on chromosome 1qter and its functional evaluation. 2008 , 17, 1890-903	45
670	Retinoic acid receptor signaling levels and antigen dose regulate gut homing receptor expression on CD8+ T cells. 2008 , 1, 38-48	123
669	Vitamin A Deficiency. 2008 , 377-433	42
669	Vitamin A Deficiency. 2008, 377-433 Visual Transduction and Non-Visual Light Perception. 2008,	42
668	Visual Transduction and Non-Visual Light Perception. 2008, Adipose tissue failure and mitochondria as a possible target for improvement by bioactive food	4
668	Visual Transduction and Non-Visual Light Perception. 2008, Adipose tissue failure and mitochondria as a possible target for improvement by bioactive food components. 2008, 19, 4-10 Regulation of carotenogenesis and secondary metabolism by nitrogen in wild-type Fusarium	4 27
668 667 666	Visual Transduction and Non-Visual Light Perception. 2008, Adipose tissue failure and mitochondria as a possible target for improvement by bioactive food components. 2008, 19, 4-10 Regulation of carotenogenesis and secondary metabolism by nitrogen in wild-type Fusarium fujikuroi and carotenoid-overproducing mutants. 2009, 75, 405-13 Hepatic retinol secretion and storage are altered by dietary CLA: common and distinct actions of	4 27 53
668 667 666	Visual Transduction and Non-Visual Light Perception. 2008, Adipose tissue failure and mitochondria as a possible target for improvement by bioactive food components. 2008, 19, 4-10 Regulation of carotenogenesis and secondary metabolism by nitrogen in wild-type Fusarium fujikuroi and carotenoid-overproducing mutants. 2009, 75, 405-13 Hepatic retinol secretion and storage are altered by dietary CLA: common and distinct actions of CLA c9,t11 and t10,c12 isomers. 2009, 50, 2278-89	4 27 53
668 667 666 665	Visual Transduction and Non-Visual Light Perception. 2008, Adipose tissue failure and mitochondria as a possible target for improvement by bioactive food components. 2008, 19, 4-10 Regulation of carotenogenesis and secondary metabolism by nitrogen in wild-type Fusarium fujikuroi and carotenoid-overproducing mutants. 2009, 75, 405-13 Hepatic retinol secretion and storage are altered by dietary CLA: common and distinct actions of CLA c9,t11 and t10,c12 isomers. 2009, 50, 2278-89 Fat-Soluble Vitamins and Vitamin C in Milk and Milk Products. 2009, 527-589 Retinoic acid stimulates 17beta-estradiol and testosterone synthesis in rat hippocampal slice	4 27 53 11 7

660	Retinoids as critical modulators of immune functions: new therapeutic perspectives for old compounds. 2009 , 9, 113-31	27
659	Towards retinoid therapy for Alzheimer's disease. 2009 , 6, 302-11	64
658	Cholesterol metabolism: the main pathway acting downstream of cytochrome P450 oxidoreductase in skeletal development of the limb. 2009 , 29, 2716-29	53
657	Cadmium induces retinoic acid signaling by regulating retinoic acid metabolic gene expression. 2009 , 284, 24925-32	20
656	New insights into molecular pathways associated with flatfish ovarian development and atresia revealed by transcriptional analysis. 2009 , 10, 434	50
655	Bone marrow-derived aldehyde dehydrogenase-bright stem and progenitor cells for ischemic repair. 2009 , 15, 202-6	20
654	Expression and functional characterization of cytochrome P450 26A1, a retinoic acid hydroxylase. 2009 , 77, 258-68	68
653	Role of the RARRES1 gene in nasopharyngeal carcinoma. 2009 , 194, 58-64	24
652	Phenotypic spectrum of STRA6 mutations: from Matthew-Wood syndrome to non-lethal anophthalmia. 2009 , 30, E673-81	76
651	Vitamin A deficiency injures liver parenchyma and alters the expression of hepatic extracellular matrix. 2009 , 29, 214-22	18
650	Why should plasma transthyretin become a routine screening tool in elderly persons?. 2009 , 13, 640-2	10
649	Mesenteric lymph node stroma cells in the generation of intestinal immune responses. 2009 , 87, 945-51	15
648	Retinoic acid enhances skeletal muscle progenitor formation and bypasses inhibition by bone morphogenetic protein 4 but not dominant negative beta-catenin. 2009 , 7, 67	61
647	Regulation of secretases by all-trans-retinoic acid. 2009 , 276, 2645-55	39
646	The endogenous retinoid metabolite S-4-oxo-9-cis-13,14-dihydro-retinoic acid activates retinoic acid receptor signalling both in vitro and in vivo. 2009 , 276, 3043-59	23
645	Role of nutrition, lifestyle factors, and genes in the pathogenesis of congenital diaphragmatic hernia: human and animal studies. 2009 , 67, 719-30	26
644	Vitamin-regulated cytokines and growth factors in the CNS and elsewhere. 2009, 111, 1309-26	18
643	Carotene derivatives in sexual communication of zygomycete fungi. 2009 , 70, 1867-75	55

(2010-2009)

642	oxygenase. 2009 , 46, 803-13	36
641	Regulation of B cell proliferation and differentiation by retinoic acid. 2009 , 21, 36-41	50
640	Retinoic acid-dependent regulation of immune responses by dendritic cells and macrophages. 2009 , 21, 22-7	118
639	Retinoic acid and Wnt/beta-catenin have complementary roles in anterior/posterior patterning embryos of the basal chordate amphioxus. 2009 , 332, 223-33	63
638	The multi-faceted basis of vitamin B12 (cobalamin) neurotrophism in adult central nervous system: Lessons learned from its deficiency. 2009 , 88, 203-20	116
637	On the association between low resting heart rate and chronic aggression: retinoid toxicity hypothesis. 2009 , 33, 205-13	5
636	Up-regulation of COUP-TFII gene expression in the nitrofen-induced hypoplastic lung. 2009 , 44, 321-4	11
635	Retinoic Acid-mediated Nuclear Receptor Activation and Hepatocyte Proliferation. 2009 , 1, 23-30	8
634	Recent Advances in Transthyretin Evolution, Structure and Biological Functions. 2009,	10
633	The role of CYP26 enzymes in retinoic acid clearance. 2009 , 5, 875-86	121
633	The role of CYP26 enzymes in retinoic acid clearance. 2009 , 5, 875-86 Efficacy of vitamin supplementation in situations with wound healing disorders: results from clinical intervention studies. 2009 , 12, 588-95	43
	Efficacy of vitamin supplementation in situations with wound healing disorders: results from	
632	Efficacy of vitamin supplementation in situations with wound healing disorders: results from clinical intervention studies. 2009 , 12, 588-95	43
632	Efficacy of vitamin supplementation in situations with wound healing disorders: results from clinical intervention studies. 2009 , 12, 588-95 Chronic hyperplastic candidosis: a pilot study of the efficacy of 0.18% isotretinoin. 2009 , 51, 407-10 Effect of beta-carotene-rich tomato lycopene beta-cyclase (tlcy-b) on cell growth inhibition in	43
632 631 630	Efficacy of vitamin supplementation in situations with wound healing disorders: results from clinical intervention studies. 2009 , 12, 588-95 Chronic hyperplastic candidosis: a pilot study of the efficacy of 0.18% isotretinoin. 2009 , 51, 407-10 Effect of beta-carotene-rich tomato lycopene beta-cyclase (tlcy-b) on cell growth inhibition in HT-29 colon adenocarcinoma cells. 2009 , 102, 207-14	43 8 19
632 631 630	Efficacy of vitamin supplementation in situations with wound healing disorders: results from clinical intervention studies. 2009, 12, 588-95 Chronic hyperplastic candidosis: a pilot study of the efficacy of 0.18% isotretinoin. 2009, 51, 407-10 Effect of beta-carotene-rich tomato lycopene beta-cyclase (tlcy-b) on cell growth inhibition in HT-29 colon adenocarcinoma cells. 2009, 102, 207-14 Integrating retinoic acid signaling with brain function. 2009, 45, 139-50 Characterization of key residues and membrane association domains in retinol dehydrogenase 10.	43 8 19 28
632 631 630 629	Efficacy of vitamin supplementation in situations with wound healing disorders: results from clinical intervention studies. 2009, 12, 588-95 Chronic hyperplastic candidosis: a pilot study of the efficacy of 0.18% isotretinoin. 2009, 51, 407-10 Effect of beta-carotene-rich tomato lycopene beta-cyclase (tlcy-b) on cell growth inhibition in HT-29 colon adenocarcinoma cells. 2009, 102, 207-14 Integrating retinoic acid signaling with brain function. 2009, 45, 139-50 Characterization of key residues and membrane association domains in retinol dehydrogenase 10. 2009, 419, 113-22, 1 p following 122 Treatment of acne vulgaris: a literature review / LeBnje obiBih akni (acne vulgaris) [pregled]	43 8 19 28

624	Inhibition of histone deacetylase expands the renal progenitor cell population. 2010 , 21, 794-802	94
623	From carrot to clinic: an overview of the retinoic acid signaling pathway. 2010 , 67, 1423-45	228
622	Induction and intracellular localization of Nur77 dictate fenretinide-induced apoptosis of human liver cancer cells. 2010 , 79, 948-54	27
621	The relative importance of CYP26A1 in hepatic clearance of all-trans retinoic acid. 2010 , 80, 903-12	55
620	Enhanced steatosis by nuclear receptor ligands: a study in cultured human hepatocytes and hepatoma cells with a characterized nuclear receptor expression profile. 2010 , 184, 376-87	65
619	Oogenesis in teleosts: how eggs are formed. 2010 , 165, 367-89	662
618	Intestinal dendritic cells: their role in bacterial recognition, lymphocyte homing, and intestinal inflammation. 2010 , 16, 1787-807	46
617	Fetal skin fibroblasts: a cell model for studying the retinoid pathway in congenital diaphragmatic hernia. 2010 , 88, 195-200	
616	The role of CYP26 enzymes in defining appropriate retinoic acid exposure during embryogenesis. 2010 , 88, 883-94	95
615	Genetic and pathologic aspects of retinoic acid-induced limb malformations in the mouse. 2010 , 88, 863-82	8
615 614	Genetic and pathologic aspects of retinoic acid-induced limb malformations in the mouse. 2010 , 88, 863-82 Significance of vitamin A to brain function, behavior and learning. 2010 , 54, 489-95	8 80
614	Significance of vitamin A to brain function, behavior and learning. 2010 , 54, 489-95	80
614	Significance of vitamin A to brain function, behavior and learning. 2010 , 54, 489-95 Nav2 is necessary for cranial nerve development and blood pressure regulation. 2010 , 5, 6 Stable ion complexes of vitamin A species (retinol) in solution as detected by mass spectrometry.	80
614 613 612	Significance of vitamin A to brain function, behavior and learning. 2010, 54, 489-95 Nav2 is necessary for cranial nerve development and blood pressure regulation. 2010, 5, 6 Stable ion complexes of vitamin A species (retinol) in solution as detected by mass spectrometry. 2010, 24, 1161-4 Inflammatory chemokine release of astrocytes in vitro is reduced by all-trans retinoic acid. 2010,	80 24 2
614613612611	Significance of vitamin A to brain function, behavior and learning. 2010, 54, 489-95 Nav2 is necessary for cranial nerve development and blood pressure regulation. 2010, 5, 6 Stable ion complexes of vitamin A species (retinol) in solution as detected by mass spectrometry. 2010, 24, 1161-4 Inflammatory chemokine release of astrocytes in vitro is reduced by all-trans retinoic acid. 2010, 114, 1511-26 The Mycobacterium tuberculosis ORF Rv0654 encodes a carotenoid oxygenase mediating central	80 24 2 31
614613612611610	Significance of vitamin A to brain function, behavior and learning. 2010, 54, 489-95 Nav2 is necessary for cranial nerve development and blood pressure regulation. 2010, 5, 6 Stable ion complexes of vitamin A species (retinol) in solution as detected by mass spectrometry. 2010, 24, 1161-4 Inflammatory chemokine release of astrocytes in vitro is reduced by all-trans retinoic acid. 2010, 114, 1511-26 The Mycobacterium tuberculosis ORF Rv0654 encodes a carotenoid oxygenase mediating central and excentric cleavage of conventional and aromatic carotenoids. 2010, 277, 4662-73 Dietary carotenoid levels affect carotenoid and retinoid allocation in female Chinook salmon	80 24 2 31 24

(2010-2010)

606	Beta-carotene is an important vitamin A source for humans. 2010 , 140, 2268S-2285S	295
605	New insights on the protein-ligand interaction differences between the two primary cellular retinol carriers. 2010 , 51, 1332-43	9
604	Liver-specific cytochrome P450 CYP2C22 is a direct target of retinoic acid and a retinoic acid-metabolizing enzyme in rat liver. 2010 , 51, 1781-92	23
603	Targeted Vezf1-null mutation impairs vascular structure formation during embryonic stem cell differentiation. 2010 , 30, 1378-88	10
602	Retinol binding protein 4 in dairy cows: its presence in colostrum and alteration in plasma during fasting, inflammation, and the peripartum period. 2010 , 77, 27-32	15
601	Cell-specific interaction of retinoic acid receptors with target genes in mouse embryonic fibroblasts and embryonic stem cells. 2010 , 30, 231-44	130
600	Epigenetic regulatory mechanisms distinguish retinoic acid-mediated transcriptional responses in stem cells and fibroblasts. 2010 , 285, 14534-48	67
599	The lycopene cyclase CrtY from Pantoea ananatis (formerly Erwinia uredovora) catalyzes an FADred-dependent non-redox reaction. 2010 , 285, 12109-20	45
598	The retinal dehydrogenase/reductase retSDR1/DHRS3 gene is activated by p53 and p63 but not by mutants derived from tumors or EEC/ADULT malformation syndromes. 2010 , 9, 2177-88	32
597	Role of intestinal transporters in neonatal nutrition: carbohydrates, proteins, lipids, minerals, and vitamins. 2010 , 51, 380-401	48
596	Maternal vitamin A supplementation and lung function in offspring. 2010, 362, 1784-94	151
595	[Retinoids: mechanisms of action]. 2010 , 137 Suppl 3, S97-103	14
594	Oxidative stress in MCF-7 cells is involved in the effects of retinoic acid-induced activation of protein kinase C-delta on insulin-like growth factor-I secretion and synthesis. 2010 , 20, 101-9	7
593	Disturbance of rapid eye movement sleep in senescence-accelerated mouse prone/8 mice is improved by retinoic acid receptor agonist Am80 (Tamibarotene). 2010 , 167, 573-82	8
592	Retinoic acid signaling targets Hox genes during the amphioxus gastrula stage: insights into early anterior-posterior patterning of the chordate body plan. 2010 , 338, 98-106	44
591	All-trans retinoic Acid regulates cx43 expression, gap junction communication and differentiation in primary lens epithelial cells. 2010 , 35, 670-9	17
590	Genetic analysis of expression profile involved in retinoid metabolism in non-alcoholic fatty liver disease. 2010 , 40, 594-604	49
589	Low plasma retinol predicts coronary events in healthy middle-aged men: the PRIME Study. 2010 , 208, 270-4	26

588	Reverse-phase high-performance liquid chromatography (HPLC) analysis of retinol and retinyl esters in mouse serum and tissues. 2010 , 652, 263-75		48
587	Retinoids. 2010,		3
586	Bile retinoids imprint intestinal CD103+ dendritic cells with the ability to generate gut-tropic T cells. 2011 , 4, 438-47		122
585	Vitamin A in reproduction and development. <i>Nutrients</i> , 2011 , 3, 385-428	6.7	232
584	Atteintes osseuses et neuromusculaires de l E lypervitaminose A. 2011 , 78, 274-278		
583	High dietary intake of retinol leads to bone marrow hypoxia and diaphyseal endosteal mineralization in rats. 2011 , 48, 496-506		35
582	Suppression of retinol-binding protein 4 with RNA oligonucleotide prevents high-fat diet-induced metabolic syndrome and non-alcoholic fatty liver disease in mice. 2011 , 1811, 1045-53		22
581	Vitamin A: a multifunctional tool for development. 2011 , 22, 603-10		39
580	The effects of PAHs and N-PAHs on retinoid signaling and Oct-4 expression in vitro. 2011 , 200, 169-75		19
579	Association of Cellular Retinol-binding Protein 2 (CRBP2) Gene Polymorphism with Egg Production in Erlang Mountainous Chicken. 2011 , 48, 162-167		11
578	Retinoid Signaling is a Context-Dependent Regulator of Embryonic Stem Cells. 2011,		1
577	Vitamine A et vieillissement cfBral. 2011 , 18, 68-75		
576	Myogenic Differentiation of ES Cells for Therapies in Neuromuscular Diseases: Progress to Date. 2011 ,		
575	RIG-I is required for the inhibition of measles virus by retinoids. 2011 , 6, e22323		24
574	Retinaldehyde is a substrate for human aldo-keto reductases of the 1C subfamily. 2011 , 440, 335-44		26
573	Elevated expression of transforming growth factor B in carbon tetrachloride-treated rat liver and involvement of retinoid signaling. 2012 , 29, 18-24		5
572	c-Jun N-terminal kinase activation by oxidative stress suppresses retinoid signaling through proteasomal degradation of retinoic acid receptor Protein in hepatic cells. 2011 , 102, 934-41		18
571	An enzymatic mechanism for generating the precursor of endogenous 13-cis retinoic acid in the brain. 2011 , 278, 973-87		11

570	Vitamin A and clefting: putative biological mechanisms. 2011 , 69, 613-24	40
569	Evaluating Sweet Potato as an Intervention Food to Prevent Vitamin A Deficiency. 2011 , 10, 118-130	92
568	Effect of marginal vitamin A deficiency during pregnancy on retinoic acid receptors and N-methyl-D-aspartate receptor expression in the offspring of rats. 2011 , 22, 1112-20	15
567	Analysis of the expression of retinoic acid metabolising genes during Xenopus laevis organogenesis. 2011 , 11, 112-7	13
566	Retinoic acid receptor antagonist LE540 attenuates wakefulness via the dopamine D1 receptor in mice. 2011 , 1423, 10-6	14
565	All-trans-retinoic acid and Erk1/2 signaling synergistically regulate the expression of CD300B in human monocytic cells. 2011 , 268, 68-78	6
564	Cytochrome P450s in the regulation of cellular retinoic acid metabolism. 2011 , 31, 65-87	199
563	The role of retinoic acid in tolerance and immunity. 2011 , 35, 13-22	371
562	Vitamin A and lipid metabolism: relationship between hepatic stellate cells (HSCs) and adipocytes. 2011 , 67, 487-96	29
561	Gene expression response of mouse lung, liver and white adipose tissue to Etarotene supplementation, knockout of Bcmo1 and sex. 2011 , 55, 1466-74	13
560	Effects of retinoic acid and butyric acid on the expression of prestin and Gata-3 in organotypic cultures of the organ of corti of newborn rats. 2011 , 71, 650-61	9
559	Expression of key retinoic acid modulating genes suggests active regulation during development and regeneration of the amphibian limb. 2011 , 240, 1259-70	28
558	Studying the impact of aging on memory systems: contribution of two behavioral models in the mouse. 2012 , 10, 67-89	1
557	Retinoic acid production by intestinal dendritic cells. 2011 , 86, 127-52	23
556	Cloning and Characterization of Chicken CRBP2 Gene and Comparison with other Vertebrates. 2011 , 343-344, 678-682	
555	Substrate specificity and ligand interactions of CYP26A1, the human liver retinoic acid hydroxylase. 2011 , 80, 228-39	29
554	Immune regulator vitamin A and T cell death. 2011 , 86, 153-78	9
553	Vitamin A-dependent transcriptional activation of the nuclear factor of activated T cells c1 (NFATc1) is critical for the development and survival of B1 cells. 2011 , 108, 722-7	28

552	CYP26B1 plays a major role in the regulation of all-trans-retinoic acid metabolism and signaling in human aortic smooth muscle cells. 2011 , 48, 23-30	20
551	ECarotene supplementation decreases placental transcription of LDL receptor-related protein 1 in wild-type mice and stimulates placental Earotene uptake in marginally vitamin A-deficient mice. 2012 , 142, 1456-62	17
550	Antioxidant Vitamins and Their Use in Psychiatry. 2012 , 4, 486	О
549	Retinoic acid receptor Emediates all-trans-retinoic acid-induced Klf4 gene expression by regulating Klf4 promoter activity in vascular smooth muscle cells. 2012 , 287, 10799-811	39
548	Oral vitamin A and retinoic acid supplementation stimulates antibody production and splenic Stra6 expression in tetanus toxoid-immunized mice. 2012 , 142, 1590-5	10
547	Vitamin A supplementation in preschool children and risk of hearing loss as adolescents and young adults in rural Nepal: randomised trial cohort follow-up study. 2012 , 344, d7962	26
546	The living eye "disarms" uncommitted autoreactive T cells by converting them to Foxp3(+) regulatory cells following local antigen recognition. 2012 , 188, 1742-50	68
545	Cyanobacteria blooms produce teratogenic retinoic acids. 2012 , 109, 9477-82	57
544	Retinol-binding protein 4 induces inflammation in human endothelial cells by an NADPH oxidase-and nuclear factor kappa B-dependent and retinol-independent mechanism. 2012 , 32, 5103-15	90
543	Visual Dysfunction in Diabetes. 2012 ,	1
543 542	Visual Dysfunction in Diabetes. 2012, Toward a theory of childhood learning disorders, hyperactivity, and aggression. 2012, 2012, 589792	6
542	Toward a theory of childhood learning disorders, hyperactivity, and aggression. 2012 , 2012, 589792	
542 541	Toward a theory of childhood learning disorders, hyperactivity, and aggression. 2012 , 2012, 589792 Behavioral Neurobiology of Aging. 2012 , Retinoic acid receptors recognize the mouse genome through binding elements with diverse	6
542 541 540	Toward a theory of childhood learning disorders, hyperactivity, and aggression. 2012, 2012, 589792 Behavioral Neurobiology of Aging. 2012, Retinoic acid receptors recognize the mouse genome through binding elements with diverse spacing and topology. 2012, 287, 26328-41	100
542541540539	Toward a theory of childhood learning disorders, hyperactivity, and aggression. 2012, 2012, 589792 Behavioral Neurobiology of Aging. 2012, Retinoic acid receptors recognize the mouse genome through binding elements with diverse spacing and topology. 2012, 287, 26328-41 Effect of vitamin A deficiency on the immune response in obesity. 2012, 71, 290-7	100
542541540539538	Toward a theory of childhood learning disorders, hyperactivity, and aggression. 2012, 2012, 589792 Behavioral Neurobiology of Aging. 2012, Retinoic acid receptors recognize the mouse genome through binding elements with diverse spacing and topology. 2012, 287, 26328-41 Effect of vitamin A deficiency on the immune response in obesity. 2012, 71, 290-7 Tamibarotene: a candidate retinoid drug for Alzheimer's disease. 2012, 35, 1206-12 Identification of retinol binding protein 1 promoter hypermethylation in isocitrate dehydrogenase	6 100 30 62

(2012-2012)

534	TLR9-signaling is required for turning retinoic acid into a potent stimulator of RP105 (CD180)-mediated proliferation and IgG synthesis in human memory B cells. 2012 , 279, 87-95	14
533	Vitamin A and retinoic acid in T cell-related immunity. 2012 , 96, 1166S-72S	149
532	Homology models of human all-trans retinoic acid metabolizing enzymes CYP26B1 and CYP26B1 spliced variant. 2012 , 52, 2631-7	8
531	How vitamin A metabolizing dendritic cells are generated in the gut mucosa. 2012 , 33, 42-8	81
530	Retinyl ester hydrolases and their roles in vitamin A homeostasis. 2012 , 1821, 113-23	34
529	Maternal-fetal transfer and metabolism of vitamin A and its precursor Etarotene in the developing tissues. 2012 , 1821, 88-98	64
528	Lipid metabolism in mammalian tissues and its control by retinoic acid. 2012 , 1821, 177-89	131
527	Hepatic metabolism of retinoids and disease associations. 2012 , 1821, 124-36	113
526	Tissue-specific distribution patterns of retinoids and didehydroretinoids in rainbow trout Oncorhynchus mykiss. 2012 , 161, 69-78	19
525	Characterization of a cellular retinol-binding protein from lamprey, Lethenteron japonicum. 2012 , 161, 233-9	5
524	Vitamin A enrichment: Caution with encapsulation strategies used for food applications. 2012 , 46, 469-479	55
523	Stereoselective formation and metabolism of 4-hydroxy-retinoic Acid enantiomers by cytochrome p450 enzymes. 2012 , 287, 42223-32	24
522	Accumulation of vitamin A in the hepatic stellate cell of arctic top predators. 2012, 295, 1660-8	14
521	Synthesis of 11-cis-retinoids by hydrosilylation-protodesilylation of an 11,12-didehydro precursor: easy access to 11- and 12-mono- and 11,12-dideuteroretinoids. 2012 , 18, 14100-7	13
520	Trans-Etarotene, selected mineral content and potential nutritional contribution of 12 sweetpotato varieties. 2012 , 27, 151-159	44
519	Chapter 27:Retinoic Acids and their Biological Functions. 2012 , 470-484	
518	Chapter 23:Vitamin A Deficiency: An Overview. 2012 , 396-416	1
517	Retinol metabolism in the mollusk Osilinus lineatus indicates an ancient origin for retinyl ester storage capacity. 2012 , 7, e35138	19

516	Cloning and functional studies of a splice variant of CYP26B1 expressed in vascular cells. 2012 , 7, e36839	9
515	Biological role of aldo-keto reductases in retinoic Acid biosynthesis and signaling. 2012 , 3, 58	57
514	REGULATION OF RETINOL BINDING PROTEIN 4 EXPRESSION AND ITS RELATION TO ADIPOGENESIS IN BOVINE ADIPOCYTES. 2012 , 8, 171-178	
513	Lycopene induces retinoic acid receptor transcriptional activation in mice. 2012 , 56, 702-12	22
512	Epigenetically mediated downregulation of the differentiation-promoting chaperon protein CRABP2 in astrocytic gliomas. 2012 , 131, 1963-8	17
511	Insight into molecular pathways of retinal metabolism, associated with vitellogenesis in zebrafish. 2012 , 302, E626-44	49
510	Cross-coupling reactions of organosilicon compounds in the stereocontrolled synthesis of retinoids. 2012 , 18, 4401-10	25
509	Comparison of the function and expression of CYP26A1 and CYP26B1, the two retinoic acid hydroxylases. 2012 , 83, 149-63	75
508	Evaluating Global Barriers to the Use of Red Palm Oil as an Intervention Food to Prevent Vitamin A Deficiency. 2012 , 11, 221-232	16
507	Retinoic acid signalling in gastrointestinal parasite infections: lessons from mouse models. 2012 , 34, 351-9	19
507		19 69
	34, 351-9	
506	34, 351-9 Retinoic acids and hepatic stellate cells in liver disease. 2012, 27 Suppl 2, 75-9 Correlation of vitamin A nutritional status on alpha-tocopherol in the colostrum of lactating	69
506 505	34, 351-9 Retinoic acids and hepatic stellate cells in liver disease. 2012, 27 Suppl 2, 75-9 Correlation of vitamin A nutritional status on alpha-tocopherol in the colostrum of lactating women. 2013, 9, 31-40	69
506 505 504	Retinoic acids and hepatic stellate cells in liver disease. 2012, 27 Suppl 2, 75-9 Correlation of vitamin A nutritional status on alpha-tocopherol in the colostrum of lactating women. 2013, 9, 31-40 Expression of genes involved in retinoic acid biosynthesis in human gastric cancer. 2013, 47, 280-292 Retinoid machinery in distinct neural stem cell populations with different retinoid responsiveness.	69 21 10
506 505 504 503	Retinoic acids and hepatic stellate cells in liver disease. 2012, 27 Suppl 2, 75-9 Correlation of vitamin A nutritional status on alpha-tocopherol in the colostrum of lactating women. 2013, 9, 31-40 Expression of genes involved in retinoic acid biosynthesis in human gastric cancer. 2013, 47, 280-292 Retinoid machinery in distinct neural stem cell populations with different retinoid responsiveness. 2013, 22, 2777-93	69 21 10
506 505 504 503 502	Retinoic acids and hepatic stellate cells in liver disease. 2012, 27 Suppl 2, 75-9 Correlation of vitamin A nutritional status on alpha-tocopherol in the colostrum of lactating women. 2013, 9, 31-40 Expression of genes involved in retinoic acid biosynthesis in human gastric cancer. 2013, 47, 280-292 Retinoid machinery in distinct neural stem cell populations with different retinoid responsiveness. 2013, 22, 2777-93 Developmental origins of a novel gut morphology in frogs. 2013, 15, 213-23 The cysteinyl leukotriene 2 receptor contributes to all-trans retinoic acid-induced differentiation of	69 21 10 11 25

(2013-2013)

498	Fenretinide treatment prevents diet-induced obesity in association with major alterations in retinoid homeostatic gene expression in adipose, liver, and hypothalamus. 2013 , 62, 825-36	47
497	Breastfeeding, retinoids, and postpartum depression: a new theory. 2013 , 150, 1129-35	5
496	Involvement of retinoic acid-induced peroxiredoxin 6 expression in recovery of noise-induced temporary hearing threshold shifts. 2013 , 36, 463-471	9
495	Ontogenic expression pattern and genetic polymorphisms of the retinol-binding protein 4 (RBP4) gene in Erlang mountainous chickens. 2013 , 526, 170-5	6
494	The role of retinoic acid receptors in activated hepatic stellate cells. 2013, 81, 222-4	5
493	Nanofiber-based in vitro system for high myogenic differentiation of human embryonic stem cells. 2013 , 14, 4207-16	37
492	Synthetic retinoid Am80 results in improved exploratory and emotional behavior in the P8 substrain of senescence-accelerated mice. 2013 , 104, 1-9	4
491	Retinoic acid improves defective TLR9/RP105-induced immune responses in common variable immunodeficiency-derived B cells. 2013 , 191, 3624-33	16
490	The role of retinoic acid in hepatic lipid homeostasis defined by genomic binding and transcriptome profiling. 2013 , 14, 575	43
489	In vitro inhibition of mumps virus by retinoids. 2013 , 10, 337	12
489	In vitro inhibition of mumps virus by retinoids. 2013 , 10, 337 The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent manner during Trichuris muris infection. 2013 , 33, 1386-94	12 7
	The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent	
488	The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent manner during Trichuris muris infection. 2013 , 33, 1386-94 Vitamin A supplementation and serum Th1- and Th2-associated cytokine response in women. 2013 ,	7
488	The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent manner during Trichuris muris infection. 2013 , 33, 1386-94 Vitamin A supplementation and serum Th1- and Th2-associated cytokine response in women. 2013 , 32, 280-5	7
488 487 486	The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent manner during Trichuris muris infection. 2013, 33, 1386-94 Vitamin A supplementation and serum Th1- and Th2-associated cytokine response in women. 2013, 32, 280-5 The effect of retinyl palmitate on healing of benign vocal fold lesions. 2013, 270, 239-42 Long-term vitamin A deficiency induces alteration of adult mouse spermatogenesis and spermatogonial differentiation: direct effect on spermatogonial gene expression and indirect	7 15 0
488 487 486 485	The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent manner during Trichuris muris infection. 2013, 33, 1386-94 Vitamin A supplementation and serum Th1- and Th2-associated cytokine response in women. 2013, 32, 280-5 The effect of retinyl palmitate on healing of benign vocal fold lesions. 2013, 270, 239-42 Long-term vitamin A deficiency induces alteration of adult mouse spermatogenesis and spermatogonial differentiation: direct effect on spermatogonial gene expression and indirect effects via somatic cells. 2013, 24, 1123-35 Parasite infections in multiple sclerosis modulate immune responses through a retinoic	7 15 0
488 487 486 485 484	The retinoic acid receptor agonist Am80 increases mucosal inflammation in an IL-6 dependent manner during Trichuris muris infection. 2013, 33, 1386-94 Vitamin A supplementation and serum Th1- and Th2-associated cytokine response in women. 2013, 32, 280-5 The effect of retinyl palmitate on healing of benign vocal fold lesions. 2013, 270, 239-42 Long-term vitamin A deficiency induces alteration of adult mouse spermatogenesis and spermatogonial differentiation: direct effect on spermatogonial gene expression and indirect effects via somatic cells. 2013, 24, 1123-35 Parasite infections in multiple sclerosis modulate immune responses through a retinoic acid-dependent pathway. 2013, 191, 3827-37 Zinc regulation of transcriptional activity during retinoic acid-induced neuronal differentiation.	7 15 0 14 34

480	Retinoic acid signaling in spinal cord development. 2013 , 45, 1302-13	16
479	Design, synthesis and evaluation of retinoids with novel bulky hydrophobic partial structures. 2013 , 21, 4342-50	14
478	Transthyretin and the human placenta. 2013 , 34, 513-7	31
477	The use of sensory attributes, sugar content, instrumental data and consumer acceptability in selection of sweet potato varieties. 2013 , 93, 1610-9	27
476	Cis carotenoids: colorful molecules and free radical quenchers. 2013 , 117, 4050-61	20
475	Epidermal development in mammals: key regulators, signals from beneath, and stem cells. 2013 , 14, 10869-95	64
474	Stra6, a retinoic acid-responsive gene, participates in p53-induced apoptosis after DNA damage. 2013 , 20, 910-9	25
473	Hepatic stellate cellsthe pericytes in the liver. 2013 , 465, 775-8	90
472	The roles of endogenous retinoid signaling in organ and appendage regeneration. 2013, 70, 3907-27	11
471	Retinoids produced by macrophages engulfing apoptotic cells contribute to the appearance of transglutaminase 2 in apoptotic thymocytes. 2013 , 44, 235-44	24
47º	Vitamin A notches up CD11b hi DC development. 2013 , 43, 1441-4	4
469	Non-pro-vitamin A and pro-vitamin A carotenoids in atopy development. 2013 , 161, 99-115	21
468	Establishing an upper level of intake for vitamin A in Atlantic salmon (Salmo salar L.) postsmolts. 2013 , 19, 651-664	16
467	Vitamin A supplementation ameliorates obesity-associated retinal degeneration in WNIN/Ob rats. 2013 , 29, 298-304	11
466	Determination and occurrence of retinoids in a eutrophic lake (Taihu Lake, China): cyanobacteria blooms produce teratogenic retinal. 2013 , 47, 807-14	28
465	Retinol levels are associated with magnetic resonance imaging outcomes in multiple sclerosis. 2013	
	, 19, 451-7	31
464		31

462	The pathogenesis of malaria: a new perspective. 2013 , 107, 122-9		19
461	Proteomic profiling and pathway analysis of the response of rat renal proximal convoluted tubules to metabolic acidosis. 2013 , 305, F628-40		15
460	Ethanol neurotoxicity in the developing cerebellum: underlying mechanisms and implications. 2013 , 3, 941-63		26
459	In vitro differentiation of cultured human CD34+ cells into astrocytes. 2013 , 61, 383-8		20
458	Vitamin A and the immune system. 2013 , 221-243		1
457	The effects of daily consumption of Eryptoxanthin-rich tangerines and Etarotene-rich sweet potatoes on vitamin A and carotenoid concentrations in plasma and breast milk of Bangladeshi women with low vitamin A status in a randomized controlled trial. 2013 , 98, 1200-8		26
456	Retinoic acid controls the homeostasis of pre-cDC-derived splenic and intestinal dendritic cells. 2013 , 210, 1961-76		93
455	Uptake and storage of vitamin A as lipid droplets in the cytoplasm of cells in the lamina propria mucosae of the rat intestine. 2013 , 37, 1171-80		6
454	The retinoic acid-producing capacity of gut dendritic cells and macrophages is reduced during persistent T. muris infection. 2013 , 35, 229-33		14
453	Acute exposure to DE-71 causes alterations in visual behavior in zebrafish larvae. 2013 , 32, 1370-5		30
452	Inhibiting retinoic acid signaling ameliorates graft-versus-host disease by modifying T-cell differentiation and intestinal migration. 2013 , 122, 2125-34		40
451	Mammalian metabolism of Etarotene: gaps in knowledge. <i>Nutrients</i> , 2013 , 5, 4849-68	.7	58
450	Etatenin is essential for efficient in vitro premyogenic mesoderm formation but can be partially compensated by retinoic acid signalling. 2013 , 8, e57501		8
449	5-Methoxyleoligin, a lignan from Edelweiss, stimulates CYP26B1-dependent angiogenesis in vitro and induces arteriogenesis in infarcted rat hearts in vivo. 2013 , 8, e58342		9
448	Polymorphism in the retinoic acid metabolizing enzyme CYP26B1 and the development of Crohn's Disease. 2013 , 8, e72739		27
447	A novel bidirectional interaction between endothelin-3 and retinoic acid in rat enteric nervous system precursors. 2013 , 8, e74311		8
446	Vitamin A: Deficiency and Interventions. 2013 , 323-332		1
445	The expression and prognostic significance of retinoic acid metabolising enzymes in colorectal cancer. 2014 , 9, e90776		33

444	Molecular Mechanisms of Retinoid Receptors in Diabetes-Induced Cardiac Remodeling. 2014 , 3, 566-94	15
443	Carotenoids. 2014 , 149-185	11
442	The Secretome of Bone Marrow and Wharton Jelly Derived Mesenchymal Stem Cells Induces Differentiation and Neurite Outgrowth in SH-SY5Y Cells. 2014 , 2014, 438352	33
441	Inhibition of matrix metalloproteinases expression in human dental pulp cells by all-trans retinoic acid. 2014 , 6, 150-3	12
440	Serum and hepatic vitamin A levels in captive and wild marine toads (Bufo marinus). 2014 , 33, 536-43	4
439	Retinol dehydrogenases: membrane-bound enzymes for the visual function. 2014 , 92, 510-23	11
438	Correction of all-trans retinoic acid deficiency in alcoholic cirrhosis lessens the excessive inflammatory monocyte response: a translational study. 2014 , 34, 343-52	8
437	Knockdown of lecithin retinol acyltransferase increases all-trans retinoic acid levels and restores retinoid sensitivity in malignant melanoma cells. 2014 , 23, 832-7	5
436	Chemistry of the retinoid (visual) cycle. 2014 , 114, 194-232	225
435	Enrichment of cheese with bioactive lipophilic compounds. 2014 , 6, 48-59	36
434	Factors affecting insulin-regulated hepatic gene expression. 2014 , 121, 165-215	7
434	Factors affecting insulin-regulated hepatic gene expression. 2014 , 121, 165-215 Headway and hurdles in the clinical development of dietary phytochemicals for cancer therapy and prevention: lessons learned from vitamin A derivatives. 2014 , 16, 281-8	7 3
	Headway and hurdles in the clinical development of dietary phytochemicals for cancer therapy and	
433	Headway and hurdles in the clinical development of dietary phytochemicals for cancer therapy and prevention: lessons learned from vitamin A derivatives. 2014 , 16, 281-8 Altered expression of multiple genes involved in retinoic acid biosynthesis in human colorectal	3
433	Headway and hurdles in the clinical development of dietary phytochemicals for cancer therapy and prevention: lessons learned from vitamin A derivatives. 2014 , 16, 281-8 Altered expression of multiple genes involved in retinoic acid biosynthesis in human colorectal cancer. 2014 , 20, 707-17	3 28
433 432 431	Headway and hurdles in the clinical development of dietary phytochemicals for cancer therapy and prevention: lessons learned from vitamin A derivatives. 2014, 16, 281-8 Altered expression of multiple genes involved in retinoic acid biosynthesis in human colorectal cancer. 2014, 20, 707-17 Retinoids as potential targets for Alzheimer's disease. 2014, 120, 117-23 Molecular characterization of an aldo-keto reductase from Marivirga tractuosa that converts retinal	3 28 53
433 432 431 430	Headway and hurdles in the clinical development of dietary phytochemicals for cancer therapy and prevention: lessons learned from vitamin A derivatives. 2014, 16, 281-8 Altered expression of multiple genes involved in retinoic acid biosynthesis in human colorectal cancer. 2014, 20, 707-17 Retinoids as potential targets for Alzheimer's disease. 2014, 120, 117-23 Molecular characterization of an aldo-keto reductase from Marivirga tractuosa that converts retinal to retinol. 2014, 169, 23-33	3 28 53 6

426	Effects of retinoic acid on proliferation and gene expression of cleft and non-cleft palatal keratinocytes. 2014 , 36, 727-34	4
425	Identification of novel retinoic acid target genes. 2014 , 395, 199-208	13
424	The mechanisms of Fenretinide-mediated anti-cancer activity and prevention of obesity and type-2 diabetes. 2014 , 91, 277-86	32
423	In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure. 2014, 77, 223-45	13
422	Biosynthesis and Molecular Genetics of Fungal Secondary Metabolites. 2014,	22
421	The effect of supplementation with vitamin A on serum and liver concentrations in Puerto Rican crested toads (Peltophryne lemur) and its lack of impact on brown skin disease. 2014 , 33, 553-7	2
420	The expression of Apoc3 mRNA is regulated by HNF4\(\text{\textitle}\) nd COUP-TFII, but not acute retinoid treatments, in primary rat hepatocytes and hepatoma cells. 2014 , 387, 241-50	5
419	Retinoid metabolism in invertebrates: when evolution meets endocrine disruption. 2014 , 208, 134-45	22
418	Vitamin A is not associated with exacerbations in multiple sclerosis. 2014 , 3, 34-9	10
417	Retinoic acid differentially affects in vitro proliferation, differentiation and mineralization of two fish bone-derived cell lines: different gene expression of nuclear receptors and ECM proteins. 2014 , 140, 34-43	14
416	Etarotene-producing bacteria residing in the intestine provide vitamin A to mouse tissues in vivo. 2014 , 144, 608-13	8
415	Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring. 2014 , 229, 41-51	11
414	A RARE of hepatic Gck promoter interacts with RARHHNF4 and COUP-TFII that affect retinoic acid- and insulin-induced Gck expression. 2014 , 25, 964-76	15
413	Study on Vitamin A Acetate Reaction Initiated by Peroxide. 2014 , 20, 841-847	1
412	Expression of retinoic acid target genes in coronary artery disease. 2014 , 33, 677-86	16
411	Proteomic analysis of livers from fat-fed mice deficient in either PKC[] or PKC[]dentifies Htatip2 as a regulator of lipid metabolism. 2014 , 14, 2578-87	14
410	ECarotene during the suckling period is absorbed intact and induces retinoic acid dependent responses similar to preformed vitamin A in intestine and liver, but not adipose tissue of young rats. 2014 , 58, 2157-65	14
409	Retinoic acid induces macrophage cholesterol efflux and inhibits atherosclerotic plaque formation in apoE-deficient mice. 2015 , 114, 509-18	24

408	Seeing through the dark: New insights into the immune regulatory functions of vitamin A. 2015 , 45, 1287-95	75
407	Dual embryonic origin and patterning of the pharyngeal skeleton in the axolotl (Ambystoma mexicanum). 2015 , 17, 175-84	13
406	Inflammation, Immunity, and Vaccines for Helicobacter pylori Infection. 2015 , 20 Suppl 1, 17-25	14
405	Activation of AMP-activated protein kinase by retinoic acid sensitizes hepatocellular carcinoma cells to apoptosis induced by sorafenib. 2015 , 106, 567-75	34
404	Scientific Opinion on Dietary Reference Values for vitamin A. 2015 , 13, 4028	73
403	Evolution of the Retinoic Acid Signaling Pathway. 2015 , 75-90	2
402	Non-immune-related genes and signalling pathways in spleen of Vibrio parahaemolyticus-infected Epinephelus fuscoguttatus (Forskal). 2015 , 38, 761-4	4
401	Selective retinol production by modulating the composition of retinoids from metabolically engineered E. coli. 2015 , 112, 1604-12	23
400	Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development. 2015 , 593, 3301-11	11
399	Beta-cryptoxanthin as a source of vitamin A. 2015 , 95, 1786-94	62
399 398	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and Neck Cancer. 2015 , 94, e1064	62
	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and	
398	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and Neck Cancer. 2015 , 94, e1064	
398 397	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and Neck Cancer. 2015, 94, e1064 Vitamin A and cognitive processes. 2015, 3, 21-31 Stevens-Johnson syndrome and toxic epidermal necrolysis (SJS/TEN): could retinoids play a	67
398 397 396	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and Neck Cancer. 2015, 94, e1064 Vitamin A and cognitive processes. 2015, 3, 21-31 Stevens-Johnson syndrome and toxic epidermal necrolysis (SJS/TEN): could retinoids play a causative role?. 2015, 21, 133-43 Skin metabolism established with the use of MetaSite for selected retinoids employed in topical	6 7 20
398 397 396 395	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and Neck Cancer. 2015, 94, e1064 Vitamin A and cognitive processes. 2015, 3, 21-31 Stevens-Johnson syndrome and toxic epidermal necrolysis (SJS/TEN): could retinoids play a causative role?. 2015, 21, 133-43 Skin metabolism established with the use of MetaSite for selected retinoids employed in topical and systemic treatment of various skin disorders and found in cosmeceuticals. 2015, 62, 201-6 Transcriptional Factors Mediating Retinoic Acid Signals in the Control of Energy Metabolism. 2015,	6 7 20 3
398397396395394	Alcohol Drinking Obliterates the Inverse Association Between Serum Retinol and Risk of Head and Neck Cancer. 2015, 94, e1064 Vitamin A and cognitive processes. 2015, 3, 21-31 Stevens-Johnson syndrome and toxic epidermal necrolysis (SJS/TEN): could retinoids play a causative role?. 2015, 21, 133-43 Skin metabolism established with the use of MetaSite for selected retinoids employed in topical and systemic treatment of various skin disorders and found in cosmeceuticals. 2015, 62, 201-6 Transcriptional Factors Mediating Retinoic Acid Signals in the Control of Energy Metabolism. 2015, 16, 14210-44 Integration of transcriptome and whole genomic resequencing data to identify key genes affecting	6 7 20 3 45

390 Stellate Cells in Alcoholic Hepatitis. **2015**, 163-174

389	Lymphocyte Trafficking to Mucosal Tissues. 2015 , 805-830	7
388	All-trans retinoic acid induces oxidative phosphorylation and mitochondria biogenesis in adipocytes. 2015 , 56, 1100-9	54
387	Modulation of dendritic cell alternative activation and function by the vitamin A metabolite retinoic acid. 2015 , 27, 589-96	6
386	Transgenic Mice Overexpressing Serum Retinol-Binding Protein Develop Progressive Retinal Degeneration through a Retinoid-Independent Mechanism. 2015 , 35, 2771-89	22
385	Massive bowel resection upregulates the intestinal mRNA expression levels of cellular retinol-binding protein II and apolipoprotein A-IV and alters the intestinal vitamin A status in rats. 2015 , 35, 724-30	9
384	Identifying anti-growth factors for human cancer cell lines through genome-scale metabolic modeling. 2015 , 5, 8183	48
383	Retinoic acid-induced IgG production in TLR-activated human primary B cells involves ULK1-mediated autophagy. 2015 , 11, 460-71	19
382	Adipose triglyceride lipase is involved in the mobilization of triglyceride and retinoid stores of hepatic stellate cells. 2015 , 1851, 937-45	33
381	Induction of cellular and molecular immunomodulatory pathways by vitamin A and flavonoids. 2015 , 15, 1411-28	14
380	LRAT overexpression diminishes intracellular levels of biologically active retinoids and reduces retinoid antitumor efficacy in the murine melanoma B16F10 cell line. 2015 , 28, 205-212	8
379	Prepartum vitamin A supplementation enhances goat doe health status and kid viability and performance. 2015 , 129, 6-10	7
378	Plasma retinoids concentration in Leptodactylus chaquensis (Amphibia: Leptodactylidae) from rice agroecosystems, Santa Fe province, Argentina. 2015 , 135, 24-30	1
377	Sequence analysis and expression regulation of rbp4 by 9-cis-RA in Megalobrama amblycephala. 2015 , 41, 437-47	
376	Induction of Immune Tolerance to Dietary Antigens. 2015 , 850, 93-118	10
375	No increase in risk of hip fracture at high serum retinol concentrations in community-dwelling older Norwegians: the Norwegian Epidemiologic Osteoporosis Studies. 2015 , 102, 1289-96	19
374	Recurrent episodes of night blindness in a patient with short bowel syndrome. 2015 , 131, 221-30	8
373	Intracellular transport of fat-soluble vitamins A and E. 2015 , 16, 19-34	55

372	Pericytes in Vascular Development and Function. 2015 , 65-92		2
371	ATGL and CGI-58 are lipid droplet proteins of the hepatic stellate cell line HSC-T6. 2015 , 56, 1972-84		28
370	Bexarotene-Activated Retinoid X Receptors Regulate Neuronal Differentiation and Dendritic Complexity. 2015 , 35, 11862-76		41
369	All-trans-retinoic acid reduces BACE1 expression under inflammatory conditions via modulation of nuclear factor B (NFB) signaling. 2015 , 290, 22532-42		53
368	Crossroads Between Innate and Adaptive Immunity V. 2015 ,		2
367	Retinoids. 2015 , 1493-1511		1
366	IRF4 Is a Critical Gene in Retinoic Acid-Mediated Plasma Cell Formation and Is Deregulated in Common Variable Immunodeficiency-Derived B Cells. 2015 , 195, 2601-11		20
365	Fish growth-hormone genes: Evidence of functionality of paralogous genes in Levanidov charr Salvelinus levanidovi. 2015 , 49, 687-693		5
364	Biological roles of fungal carotenoids. 2015 , 61, 309-24		147
363	Accumulation of dietary carotenoids, retinoids and tocopherol in the internal tissues of a bird: a hypothesis for the cost of producing colored ornaments. 2015 , 177, 259-71		15
362	Molecular and biochemical characterisation of human short-chain dehydrogenase/reductase member 3 (DHRS3). 2015 , 234, 178-87		11
361	Retinoic acid modulates interferon-production by hepatic natural killer T cells via phosphatase 2A and the extracellular signal-regulated kinase pathway. 2015 , 35, 200-12		28
360	Vitamin A deficiency impairs spatial learning and memory: the mechanism of abnormal CBP-dependent histone acetylation regulated by retinoic acid receptor alpha. 2015 , 51, 633-47		37
359	Could retinoids be a potential treatment for rheumatic diseases?. 2015 , 35, 35-41		5
358	Micronutrientes y neurodesarrollo: actualizacifi. 2016 , 114,		
357	Improved Homology Model of the Human all-trans Retinoic Acid Metabolizing Enzyme CYP26A1. 2016 , 21, 351		4
356	Retinoic Acid as a Modulator of T Cell Immunity. <i>Nutrients</i> , 2016 , 8,	6.7	71
355	Enzymatic Metabolism of Vitamin A in Developing Vertebrate Embryos. <i>Nutrients</i> , 2016 , 8,	6.7	32

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354	Identification of Multiple Loci Associated with Social Parasitism in Honeybees. 2016 , 12, e1006097	24
353	Micronutrients and neurodevelopment: An update. 2016 , 114, 570-575	16
352	Venous Ulcers of the Lower Extremities. 2016 , 31, 3-23	1
351	Could burning fat start with a brite spark? Pharmacological and nutritional ways to promote thermogenesis. 2016 , 60, 18-42	35
350	Abnormal expression of genes that regulate retinoid metabolism and signaling in non-small-cell lung cancer. 2016 , 50, 220-229	10
349	Myeloid cell leukaemia 1 has a vital role in retinoic acid-mediated protection of Toll-like receptor 9-stimulated B cells from spontaneous and DNA damage-induced apoptosis. 2016 , 149, 62-73	5
348	Vitamin A maintains the airway epithelium in a murine model of asthma by suppressing glucocorticoid-induced leucine zipper. 2016 , 46, 848-60	14
347	Transcriptome Analysis Reveals that Vitamin A Metabolism in the Liver Affects Feed Efficiency in Pigs. 2016 , 6, 3615-3624	21
346	Retinoic acid signalling in the development of the epidermis, the limbs and the secondary palate. 2016 , 92, 326-335	11
345	Ligand Binding Induces Conformational Changes in Human Cellular Retinol-binding Protein 1 (CRBP1) Revealed by Atomic Resolution Crystal Structures. 2016 , 291, 8528-40	32
344	Banana: Genomics and Transgenic Approaches for Genetic Improvement. 2016 ,	4
343	Key Residues for Catalytic Function and Metal Coordination in a Carotenoid Cleavage Dioxygenase. 2016 , 291, 19401-12	21
342	Provitamin A Enrichment for Tackling Malnutrition. 2016 , 277-299	7
341	Carotenoids in Nature. 2016 ,	19
340	Carotenoids in Adipose Tissue Biology and Obesity. 2016 , 79, 377-414	36
339	Nuclear retinoid receptors and pregnancy: placental transfer, functions, and pharmacological aspects. 2016 , 73, 3823-37	14
338	Biomarkers of Nutrition for Development (BOND)-Vitamin A Review. 2016 , 146, 1816S-48S	197
337	Characterization of total retinoid-like activity of compounds produced by three common phytoplankton species. 2016 , 60, 157-166	10

336	Restoring Retinoic Acid Attenuates Intestinal Inflammation and Tumorigenesis in APCMin/+ Mice. 2016 , 4, 917-926	22
335	Pathology and Mechanism of Eye Diseases. 2016 , 3-32	
334	Genome-wide transcriptome analysis of hypothalamus in rats with inherited stress-induced arterial hypertension. 2016 , 17 Suppl 1, 13	12
333	10 Pheromone Action in the Fungal Groups Chytridiomycetes and Zygomycetes and in the Oophytes. 2016 , 203-234	4
332	Transcriptome analysis of the unfolded protein response in hemocytes of Litopenaeus vannamei. 2016 , 54, 153-63	24
331	Retinoid level dynamics during gonad recycling in the limpet Patella vulgata. 2016 , 225, 142-148	10
330	Xanthophyll supplementation regulates carotenoid and retinoid metabolism in hens and chicks. 2016 , 95, 541-9	5
329	In Silico Prediction of Human Sulfotransferase 1E1 Activity Guided by Pharmacophores from Molecular Dynamics Simulations. 2016 , 291, 58-71	21
328	Microencapsulation of vitamin A: A review. 2016 , 51, 76-87	90
327	Xenopus Limb bud morphogenesis. 2016 , 245, 233-43	14
327 326	Xenopus Limb bud morphogenesis. 2016, 245, 233-43 Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle of fasting and refeeding in rats. 2016, 30, 33-43	14
	Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle	
326	Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle of fasting and refeeding in rats. 2016 , 30, 33-43	14
326 325	Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle of fasting and refeeding in rats. 2016 , 30, 33-43 Circulating Retinoic Acid Levels and the Development of Metabolic Syndrome. 2016 , 101, 1686-92 Development and Characterization of Novel and Selective Inhibitors of Cytochrome P450 CYP26A1,	14
326 325 324	Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle of fasting and refeeding in rats. 2016, 30, 33-43 Circulating Retinoic Acid Levels and the Development of Metabolic Syndrome. 2016, 101, 1686-92 Development and Characterization of Novel and Selective Inhibitors of Cytochrome P450 CYP26A1, the Human Liver Retinoic Acid Hydroxylase. 2016, 59, 2579-95	14 23 10
326 325 324 323	Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle of fasting and refeeding in rats. 2016, 30, 33-43 Circulating Retinoic Acid Levels and the Development of Metabolic Syndrome. 2016, 101, 1686-92 Development and Characterization of Novel and Selective Inhibitors of Cytochrome P450 CYP26A1, the Human Liver Retinoic Acid Hydroxylase. 2016, 59, 2579-95 Optogenetics: Basic Concepts and Their Development. 2016, 1408, 1-17 The coordinated action of lecithin:retinol acyltransferase and cellular retinol-binding proteins for	14 23 10
326 325 324 323 322	Vitamin A status and its metabolism contribute to the regulation of hepatic genes during the cycle of fasting and refeeding in rats. 2016, 30, 33-43 Circulating Retinoic Acid Levels and the Development of Metabolic Syndrome. 2016, 101, 1686-92 Development and Characterization of Novel and Selective Inhibitors of Cytochrome P450 CYP26A1, the Human Liver Retinoic Acid Hydroxylase. 2016, 59, 2579-95 Optogenetics: Basic Concepts and Their Development. 2016, 1408, 1-17 The coordinated action of lecithin:retinol acyltransferase and cellular retinol-binding proteins for regulation of vitamin A esterification. 2016, 88, 60-2 All-trans retinoic acid modulates Wnt3A-induced osteogenic differentiation of mesenchymal stem	14 23 10 5

(2017-2016)

318	Hypoxia-inducible factor 1 in dendritic cells is crucial for the activation of protective regulatory T cells in murine colitis. 2016 , 9, 379-90	62
317	The impact of dietary supplementation with astaxanthin on egg quality and growth of long snout seahorse (Hippocampus guttulatus) juveniles. 2017 , 23, 304-312	11
316	Comparative genomics reveals convergent evolution between the bamboo-eating giant and red pandas. 2017 , 114, 1081-1086	113
315	The interrelationship between bile acid and vitamin A homeostasis. 2017 , 1862, 496-512	34
314	Host-related factors explaining interindividual variability of carotenoid bioavailability and tissue concentrations in humans. 2017 , 61, 1600685	129
313	Retinol-Binding Protein-Dependent Cholesterol Uptake Regulates Macrophage Foam Cell Formation and Promotes Atherosclerosis. 2017 , 135, 1339-1354	41
312	Skimmed milk as a determinant of vitamin A deficiency. 2017 , 30, 24-26	2
311	Control of Germline Stem Cell Lineages by Diet and Physiology. 2017 , 59, 67-99	21
310	RNA-sequencing and pathway analysis reveal alteration of hepatic steroid biosynthesis and retinol metabolism by tributyltin exposure in male rare minnow (Gobiocypris rarus). 2017 , 188, 109-118	13
309	Retinoic acid modulates lipid accumulation glucose concentration dependently through inverse regulation of SREBP-1 expression in 3T3L1 adipocytes. 2017 , 22, 568-582	7
308	RAR/RXR-Mediated Signaling. 2017 , 457-510	2
307	Insulin-like growth factor-1 signaling is responsible for cathepsin G-induced aggregation of breast cancer MCF-7 cells. 2017 , 108, 1574-1583	18
306	Beta-carotene preferentially regulates chicken myoblast proliferation withdrawal and differentiation commitment via BCO1 activity and retinoic acid production. 2017 , 358, 140-146	6
305	Identification of potential target genes and related regulatory transcription factors in spontaneous hairline fracture induced by hypervitaminosis A. 2017 , 48, 1475-1479	1
304	The change in retinoic acid receptor signaling induced by prenatal marginal vitamin A deficiency and its effects on learning and memory. 2017 , 47, 75-85	8
303	Comparative Proteome Reveals Metabolic Changes during the Fruiting Process in Flammulina velutipes. 2017 , 65, 5091-5100	16
302	Biotechnology of Yeasts and Filamentous Fungi. 2017,	4
301	Effect of supplemental Etarotene compared to retinyl palmitate on fatty acid profile and expression of mRNA from genes involved in vitamin A metabolism in beef feedlot cattle. 2017 , 88, 1380-1387	2

300	The stellate cell system (vitamin A-storing cell system). 2017 , 92, 387-455	46
299	Retinoids: a journey from the molecular structures and mechanisms of action to clinical uses in dermatology and adverse effects. 2017 , 28, 684-696	86
298	Metabolites: deciphering the molecular language between DCs and their environment. 2017, 39, 177-198	5
297	Maternal allocation of carotenoids increases tolerance to bacterial infection in brown trout. 2017 , 185, 351-363	11
296	A teleost androgen promotes development of primary ovarian follicles in coho salmon and rapidly alters the ovarian transcriptome. 2017 , 97, 731-745	14
295	Cardiovascular disease risk associated with serum apolipoprotein B is modified by serum vitamin A. 2017 , 265, 325-330	8
294	Foraging in maize field areas: A risky business?. 2017 , 601-602, 1522-1532	5
293	Role of vitamin A oral supplementation on oxidative stress and inflammatory response in the liver of trained rats. 2017 , 42, 1192-1200	7
292	Environmental stress linked to consumption of maternally derived carotenoids in brown trout embryos (). 2017 , 7, 5082-5093	11
291	Could urinary retinol be used as a new biomarker of kidney damage?. 2017 , 95, 57-61	2
290	Retinoic Acid Facilitates Toll-Like Receptor 4 Expression to Improve Intestinal Barrier Function through Retinoic Acid Receptor Beta. 2017 , 42, 1390-1406	31
289	Tributyltin: Advancing the Science on Assessing Endocrine Disruption with an Unconventional Endocrine-Disrupting Compound. 2018 , 245, 65-127	8
288	Lineage-specific duplication of amphioxus retinoic acid degrading enzymes (CYP26) resulted in sub-functionalization of patterning and homeostatic roles. 2017 , 17, 24	14
287	Validation of blood vitamin A concentrations in cattle: comparison of a new cow-side test (iCheck[] FLUORO) with high-performance liquid chromatography (HPLC). 2017 , 13, 126	4
286	Reduced adiponectin expression after high-fat diet is associated with selective up-regulation of ALDH1A1 and further retinoic acid receptor signaling in adipose tissue. 2017 , 31, 203-211	25
285	Senescence in hepatic stellate cells as a mechanism of liver fibrosis reversal: a putative synergy between retinoic acid and PPAR-gamma signalings. 2017 , 17, 269-280	55
284	Transcriptional regulation of genes involved in retinoic acid metabolism in Senegalese sole larvae. 2017 , 203, 35-46	9
283	CYP26 function is required for the tissue-specific modulation of retinoic acid signaling during amphioxus development. 2017 , 61, 733-747	9

(2018-2017)

282	Transgenic Mice Over-Expressing RBP4 Have RBP4-Dependent and Light-Independent Retinal Degeneration. 2017 , 58, 4375-4383		7	
281	Carotenoid intake and genotype exert complementary effects over fat content and fatty acid composition in Duroc pigs. 2017 , 95, 2547-2557		5	
280	Retinoids in Liver Function. 2017, 705-713		1	
279	Vitamin A Oral Supplementation Induces Oxidative Stress and Suppresses IL-10 and HSP70 in Skeletal Muscle of Trained Rats. <i>Nutrients</i> , 2017 , 9,	6.7	19	
278	Vitamin A Metabolism in the Fetus and Neonate. 2017 , 317-325.e3			
277	Carotenoid Biosynthesis in Fusarium. 2017 , 3,		29	
276	Biosynthesis of Astaxanthin as a Main Carotenoid in the Heterobasidiomycetous Yeast Xanthophyllomyces dendrorhous. 2017 , 3,		66	
275	Synthesis and Antiproliferative Activity of Novel All-Trans-Retinoic Acid-Podophyllotoxin Conjugate towards Human Gastric Cancer Cells. 2017 , 22,		12	
274	Retinoids. 2017 , 481-492		2	
273	Excessive dietary intake of vitamin A reduces skull bone thickness in mice. 2017 , 12, e0176217		13	
272	Dendritic Cell-Airway Epithelial Cell Cross-Talk Changes with Age and Contributes to Chronic Lung Inflammatory Diseases in the Elderly. 2017 , 18,		11	
271	Cell fate specification in the lingual epithelium is controlled by antagonistic activities of Sonic hedgehog and retinoic acid. 2017 , 13, e1006914		12	
270	Retinol and mineral status in grazing foals during the dry season. 2017 , 46, 118-122			
269	Retinol dehydrogenase-10 promotes development and progression of human glioma via the TWEAK-NF- B axis. 2017 , 8, 105262-105275		4	
268	The ancestral retinoic acid receptor was a low-affinity sensor triggering neuronal differentiation. <i>Science Advances</i> , 2018 , 4, eaao1261	14.3	28	
267	Carotenoid-based skin coloration signals antioxidant defenses in the brown trout (Salmo trutta). 2018 , 815, 267-280		7	
266	RIP140/PGC-1 hxis involved in vitamin A-induced neural differentiation by increasing mitochondrial function. 2018 , 46, 806-816		6	
265	Deletion of in Synechocystis sp. Strain PCC 6803 Allows Formation of a Far-Red-Shifted -Proteorhodopsin. 2018 , 84,		7	

264	The cycling gonad: retinoic-acid synthesis and degradation patterns during adult zebrafish Danio rerio oogenesis. 2018 , 92, 1051-1064	4
263	Comparative proteomic analysis of ovaries from Huoyan geese between pre-laying and laying periods using an iTRAQ-based approach. 2018 , 97, 2170-2182	7
262	A global perspective on carotenoids: Metabolism, biotechnology, and benefits for nutrition and health. 2018 , 70, 62-93	363
261	Synergistic and additive effect of retinoic acid in circumventing resistance to p53 restoration. 2018 , 115, 2198-2203	6
260	Silencing Retinoid X Receptor Alpha Expression Enhances Early-Stage Hepatitis B Virus Infection In Cell Cultures. 2018 , 92,	25
259	Vitamin A Deficiency Induces Autistic-Like Behaviors in Rats by Regulating the RARECD38-Oxytocin Axis in the Hypothalamus. 2018 , 62, 1700754	31
258	Identification of a candidate enhancer for DMRT3 involved in spastic cerebral palsy pathogenesis. 2018 , 496, 133-139	5
257	Microvascular Mural Cell Organotypic Heterogeneity and Functional Plasticity. 2018 , 28, 302-316	52
256	Reviews of Environmental Contamination and Toxicology Volume 245. 2018 ,	1
255	Astaxanthin as feed supplement in aquatic animals. 2018, 10, 738-773	131
254	Xanthophylls increased HDLC level and nuclear factor PPAR RXR and RAR expression in hens and chicks. 2018 , 102, e279-e287	1
253	Retinoid roles and action in skeletal development and growth provide the rationale for an ongoing heterotopic ossification prevention trial. 2018 , 109, 267-275	21
252	Phytochemicals as inhibitors of NF- B for treatment of Alzheimer's disease. 2018 , 129, 262-273	121
251	Dysregulatory effects of retinoic acid isomers in late zebrafish embryos. 2018 , 25, 3849-3859	4
250	Consumption of carotenoids not increased by bacterial infection in brown trout embryos (Salmo trutta). 2018 , 13, e0198834	4
249	Reduced Carotenoid and Retinoid Concentrations and Altered Lycopene Isomer Ratio in Plasma of Atopic Dermatitis Patients. <i>Nutrients</i> , 2018 , 10,	9
248	9-Cis-13,14-dihydroretinoic acid, a new endogenous mammalian ligand of retinoid X receptor and the active ligand of a potential new vitamin A category: vitamin A5. 2018 , 76, 929-941	14
247	Distribution and determinants of retinol in Norwegian adolescents, and its relation to bone mineral density: the TromsIstudy: Fit Futures. 2018 , 72, 1373-1384	3

246	Perinodal Adipose Tissue Participates in Immune Protection through a Lymphatic Vessel-Independent Route. 2018 , 201, 296-305		5
245	In Silico Study on Retinoid-binding Modes in Human RBP and ApoD Lipocalins. 2018 , 23, 158-167		1
244	Effects of all-trans retinoic acid on goat dermal papilla cells cultured in vitro. 2018, 34, 43-50		1
243	De Novo-Designed Helical Barrels as Receptors for Small Molecules. 2018 , 7, 1808-1816		33
242	Identification of differentially expressed proteins in Ostrinia furnacalis adults after exposure to ultraviolet A. 2018 , 25, 25071-25079		2
241	Retinoic acid signaling is essential for maintenance of the blood-retinal barrier. 2018 , 32, 5674-5684		9
240	Disturbed Vitamin A Metabolism in Non-Alcoholic Fatty Liver Disease (NAFLD). <i>Nutrients</i> , 2017 , 10,	6.7	76
239	The risk association of plasma total homocysteine with acute myocardial infarction is modified by serum vitamin A. 2018 , 25, 1612-1620		7
238	Vitamin A Deficiency and the Lung. <i>Nutrients</i> , 2018 , 10,	6.7	59
237	Modulation of Intestinal Immune and Barrier Functions by Vitamin A: Implications for Current Understanding of Malnutrition and Enteric Infections in Children. <i>Nutrients</i> , 2018 , 10,	6.7	28
236	Microbial Carotenoids. 2018,		3
235	Carotenoids Production: A Healthy and Profitable Industry. 2018 , 1852, 45-55		15
234	Extraction and Analysis of Carotenes and Xanthophylls Produced by Xanthophyllomyces dendrorhous. 2018 , 1852, 283-295		
233	Fingerprint Stimulated Raman Scattering Imaging Reveals Retinoid Coupling Lipid Metabolism and Survival. 2018 , 19, 2500-2506		17
232	Genetic immune and inflammatory markers associated with diabetes in solid organ transplant recipients. 2019 , 19, 238-246		4
231	Retinoic Acid Receptor-lls Downregulated in Hepatocellular Carcinoma and Cirrhosis and Its Expression Inhibits Myosin-Driven Activation and Durotaxis in Hepatic Stellate Cells. 2019 , 69, 785-802		28
230	Biochemical and physiological importance of the CYP26 retinoic acid hydroxylases. 2019 , 204, 107400		31
229	Vitamin A and the Immune System. 2019 , 53-73		O

228	All- Retinoic Acid as a Versatile Cytosolic Signal Modulator Mediated by CRABP1. 2019 , 20,		15
227	Determination of urinary retinol and creatinine as an early sensitive marker of renal dysfunction. 2019 , 1607, 460390		3
226	Serum Retinoic Acid Level and The Risk of Poststroke Cognitive Impairment in Ischemic Stroke Patients. 2019 , 28, 104352		4
225	Linking pathways and processes: Retinoic acid and glucose. 2019 , 247-264		
224	Modulating Ligand Dissociation through Methyl Isomerism in Accessory Sites: Binding of Retinol to Cellular Carriers. 2019 , 10, 7333-7339		3
223	Formulation approaches for improved retinoids delivery in the treatment of several pathologies. 2019 , 143, 80-90		8
222	Apo-14 [-] Carotenoic Acid Is a Novel Endogenous and Bioactive Apo-Carotenoid. <i>Nutrients</i> , 2019 , 11, 6.7	7	3
221	Rubella Virus Infection, the Congenital Rubella Syndrome, and the Link to Autism. 2019, 16,		16
220	Maternal serum retinol, 25(OH)D and 1,25(OH)2D concentrations during pregnancy and peak bone mass and trabecular bone score in adult offspring at 26-year follow-up. 2019 , 14, e0222712		6
219	Myofibroblasts acquire retinoic acid-producing ability during fibroblast-to-myofibroblast transition following kidney injury. 2019 , 95, 526-539		22
218	Transcriptomic profiling reveals molecular regulation of seasonal reproduction in Tibetan highland fish, Gymnocypris przewalskii. 2019 , 20, 2		9
217	Pancreatic lipase-related protein 2 is responsible for the increased hepatic retinyl ester hydrolase activity in vitamin A-deficient mice. 2019 , 286, 4232-4244		4
216	Dietary Nutrients Mediate Intestinal Host Defense Peptide Expression. 2020, 11, 92-102		29
215	Retinol binding protein 4 abundance in plasma and tissues is related to body fat deposition in cattle. 2019 , 9, 8056		3
214	Hormone-sensitive lipase is a retinyl ester hydrolase in human and rat quiescent hepatic stellate cells. 2019 , 1864, 1258-1267		9
213	Genomic and non-genomic pathways are both crucial for peak induction of neurite outgrowth by retinoids. 2019 , 17, 40		9
212	Sonic Hedgehog Signaling Is Required for Cyp26 Expression during Embryonic Development. 2019 , 20,		6
211	Epithelial retinoic acid receptor legulates serum amyloid A expression and vitamin A-dependent intestinal immunity. 2019 , 116, 10911-10916		18

(2020-2019)

210	The retinol-retinoic acid metabolic pathway is impaired in the lumbar spine of a rat model of congenital kyphoscoliosis. 2019 , 120, 15007-15017	3
209	Alternative retinoid X receptor (RXR) ligands. 2019 , 491, 110436	42
208	Effect of carotenoid class and dose on the larval growth and development of the critically endangered southern corroboree frog. 2019 , 7, coz009	3
207	Widespread occurrence of retinoids in water bodies associated with cyanobacterial blooms dominated by diverse species. 2019 , 156, 136-147	17
206	Skeletal Muscle Regenerative Engineering. 2019 , 5, 233-251	17
205	Supplementation of All-Trans-Retinoic Acid Below Cytotoxic Levels Promotes Adipogenesis in 3T3-L1 Cells. 2019 , 54, 99-107	8
204	All-trans retinoic acid inhibits lipopolysaccharide-induced inflammatory responses in bovine adipocytes via TGFII/Smad3 signaling pathway. 2019 , 15, 48	11
203	Gulf War Illness: Unifying Hypothesis for a Continuing Health Problem. 2019 , 16,	23
202	Vitamin A status affects weight gain and hepatic glucose metabolism in rats fed a high-fat diet. 2019 , 97, 545-553	6
201	ECarotene in the human body: metabolic bioactivation pathways - from digestion to tissue distribution and excretion. 2019 , 78, 68-87	36
200	Retinoic Acid in Ocular Growth Regulation. 2019,	
199	Introductory Chapter: A Global Perspective on Vitamin A. 2019 ,	
198	New Insights into the Control of Cell Fate Choices and Differentiation by Retinoic Acid in Cranial, Axial and Caudal Structures. <i>Biomolecules</i> , 2019 , 9,	6
197	Vitamin D deficiency and graft-versus-host disease in hematopoietic stem cell transplant population. 2019 , 12, 133-139	9
196	Early inhibition of endothelial retinoid uptake upon myocardial infarction restores cardiac function and prevents cell, tissue, and animal death. 2019 , 126, 105-117	10
195	A Phase 2 Randomized, Sham-Controlled Trial of Internal Carotid Artery Infusion of Autologous Bone Marrow-Derived ALD-401 Cells in Patients With Recent Stable Ischemic Stroke (RECOVER-Stroke). 2019 , 139, 192-205	50
194	Carotenoids in the eyespot apparatus are required for triggering phototaxis in Euglena gracilis. 2020 , 101, 1091-1102	5
193	Creatinine, total cysteine and uric acid are associated with serum retinol in patients with cardiovascular disease. 2020 , 59, 2383-2393	4

192	Normalization of hippocampal retinoic acid level corrects age-related memory deficits in rats. 2020 , 85, 1-10	6
191	Cyp1B1 expression patterns in the developing chick inner ear. 2020 , 249, 410-424	О
190	Role of Vitamin A in Mammary Gland Development and Lactation. <i>Nutrients</i> , 2019 , 12, 6.7	13
189	Retinol, Retinoic Acid, and Retinol-Binding Protein 4 are Differentially Associated with Cardiovascular Disease, Type 2 Diabetes, and Obesity: An Overview of Human Studies. 2020 , 11, 644-666	28
188	Allergy Modulation by N-3 Long Chain Polyunsaturated Fatty Acids and Fat Soluble Nutrients of the Mediterranean Diet. 2020 , 11, 1244	7
187	COVID-19: Endogenous Retinoic Acid Theory and Retinoic Acid Depletion Syndrome. 2020 , 144, 110250	20
186	Single-Cell Genomics Reveals a Novel Cell State During Smooth Muscle Cell Phenotypic Switching and Potential Therapeutic Targets for Atherosclerosis in Mouse and Human. 2020 , 142, 2060-2075	81
185	Vitamins: functions and assessment of status through laboratory testing. 2020 , 825-849	
184	Analysis and Screening of Reproductive Long Non-coding RNAs Through Genome-Wide Analyses of Goat Endometrium During the Pre-attachment Phase. 2020 , 11, 568017	4
183	Microbial Production of Retinyl Palmitate and Its Application as a Cosmeceutical. 2020, 9,	8
182	Absence of CD36 alters systemic vitamin A homeostasis. 2020 , 10, 20386	1
181	Vitamin A and Diabetes. 2021 , 24, 775-785	4
180	Current Trends in ATRA Delivery for Cancer Therapy. 2020 , 12,	16
179	Alcohol: the role in nutrition and health. 2020 , 451-482	O
178	Single particle cryo-EM of the complex between interphotoreceptor retinoid-binding protein and a monoclonal antibody. 2020 , 34, 13918-13934	3
177	Fish Growth Hormone Genes: Structure and Divergence. 2020 , 46, 233-242	
176	The effect of high-fat diet and 13-cis retinoic acid application on lipid profile, glycemic response and oxidative stress in female Lewis rats. 2020 , 15, e0238600	4
175	Neuronal morphology and synaptic plasticity in the hippocampus of vitamin A deficient rats. 2020 , 1-12	2

(2021-2020)

174	Dietary Intervention Reverses Fatty Liver and Altered Gut Microbiota during Early-Life Undernutrition. 2020 , 5,		0
173	Increased Risk of High Body Fat and Altered Lipid Metabolism Associated to Suboptimal Consumption of Vitamin A Is Modulated by Genetic Variants rs5888 (), rs1800629 () and rs659366 (). 6 Nutrients, 2020 , 12,	.7	2
172	Identification of Diagnostic Biomarkers and Subtypes of Liver Hepatocellular Carcinoma by Multi-Omics Data Analysis. 2020 , 11,		3
171	Knockout of Cyp26a1 and Cyp26b1 during postnatal life causes reduced lifespan, dermatitis, splenomegaly, and systemic inflammation in mice. 2020 , 34, 15788-15804		5
170	Do dietary carotenoids improve the escape-response performance of southern corroboree frog larvae?. 2020 , 157, 987-1006		
169	Lipidomic analyses reveal enhanced lipolysis in planthoppers feeding on resistant host plants. 2021 , 64, 1502-1521		2
168	Sample preparation for structural and functional analyses of the STRA6 receptor for retinol-binding protein. 2020 , 637, 95-117		O
167	Plasma and urine metabonomics coupled with UPLC-Q-TOF/MS and multivariate data analysis on potential biomarkers in anemia and hematinic effects of steamed notoginseng. 2020 , 38, 55-64		3
166	Clozapine modulates retinoid homeostasis in human brain and normalizes serum retinoic acid deficit in patients with schizophrenia. 2021 , 26, 5417-5428		7
165	Regulatory needs and activities to address the retinoid system in the context of endocrine disruption: The European viewpoint. 2020 , 93, 250-258		18
164	Vitamin A Rich Diet Diminishes Early Urothelial Carcinogenesis by Altering Retinoic Acid Signaling. 2020 , 12,		2
163	Vitamin A. 2020 , 202-214		1
162	Dietary vitamin A affects growth performance, intestinal development, and functions in weaned piglets by affecting intestinal stem cells. 2020 , 98,		16
161	Ecological characteristics and teratogenic retinal determination of Cochlodinium geminatum blooms in Pearl River Estuary, South China. 2020 , 191, 110226		3
160	Retinoic Acids in the Treatment of Most Lethal Solid Cancers. 2020 , 9,		21
159	Successful clearance of extensive/recalcitrant cutaneous warts by acitretin monotherapy: A case series study. 2020 , 33, e13390		O
158	The Power of Plasticity-Metabolic Regulation of Hepatic Stellate Cells. 2021, 33, 242-257		43
157	Micronutrients and bioactive substances: Their potential roles in combating COVID-19. 2021 , 84, 111103		16

156	Enhanced integrin affinity and neural differentiation of induced pluripotent stem cells using Ln5-P4-grafted amphiphilic solid lipid nanoparticles. 2021 , 118, 111339		3
155	Administration of All-Trans Retinoic Acid to Pregnant Sows Improves the Developmental Defects of Hoxa1 Fetal Pigs. 2020 , 7, 618660		1
154	Plant Kingdom as Source of Vitamins. 2021 , 1201-1324		
153	Retinol Depletion in Severe COVID-19.		3
152	Ultrasensitive Vibrational Imaging of Retinoids by Visible Preresonance Stimulated Raman Scattering Microscopy. 2021 , 8, 2003136		4
151	Highlighting the gaps in hazard and risk assessment of unregulated Endocrine Active Substances in surface waters: retinoids as a European case study. 2021 , 33,		3
150	Vitamin A5/X, a New Food to Lipid Hormone Concept for a Nutritional Ligand to Control RXR-Mediated Signaling. <i>Nutrients</i> , 2021 , 13,	6.7	1
149	Vitamin A regulates intramuscular adipose tissue and muscle development: promoting high-quality beef production. 2021 , 12, 34		2
148	Opportunities to Target T Cell Trafficking in Pediatric Inflammatory Bowel Disease. 2021 , 9, 640497		2
147	Marine cyanobacterium Spirulina maxima as an alternate to the animal cell culture medium supplement. 2021 , 11, 4906		2
146	Intestine-enriched apolipoprotein b orthologs are required for stem cell differentiation and regeneration in planarians.		1
145	All-trans retinoic acid controls differentiation, proliferation, and lipolysis in isolated subcutaneous adipocytes from peripartal Holstein cows. 2021 , 104, 4999-5008		3
144	Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice. 2021 , 101, 33-49		3
143	Associations of persistent organic pollutants in human adipose tissue with retinoid levels and their relevance to the redox microenvironment. 2021 , 195, 110764		5
142	Inhibition of retinoic acid receptor ⊕hosphorylation represses the progression of triple-negative breast cancer via transactivating miR-3074-5p to target DHRS3. 2021 , 40, 141		3
141	Centennial Review: Effects of vitamins A, D, E, and C on the chicken immune system. 2021 , 100, 100930		8
140	A transgenic reporter mouse model for assessment of retinoic acid receptor transcriptional activation. 2021 , 1-13		1
139	Alteration of circadian machinery in monocytes underlies chronic kidney disease-associated cardiac inflammation and fibrosis. <i>Nature Communications</i> , 2021 , 12, 2783	17.4	5

138	All-trans retinoic acid reduces mammalian target of rapamycin via a Sirtuin1-dependent mechanism in neurons. 2021 , 32, 975-982		1
137	Comparative Analysis of the Intermolt and Postmolt Hepatopancreas Transcriptomes Provides Insight into the Mechanisms of Molting Process. 2021 , 11,		О
136	Oral delivery of all-trans retinoic acid mediated by liposome carriers. 2021 , 201, 111655		5
135	Low dietary protein increases vitamin A absorption and deposition into milk in periparturient rats. 2021 , 1-7		O
134	Vitamin A Update: Forms, Sources, Kinetics, Detection, Function, Deficiency, Therapeutic Use and Toxicity. <i>Nutrients</i> , 2021 , 13,	6.7	19
133	MicroRNAs expression analysis shows key affirmation of Synaptopodin-2 as a novel prognostic and therapeutic biomarker for colorectal and cervical cancers. 2021 , 7, e07347		1
132	Systems analysis reveals ageing-related perturbations in retinoids and sex hormones in Alzheimer and Parkinson diseases.		1
131	Roles of vitamin A in the regulation of fatty acid synthesis. 2021 , 9, 4506-4519		О
130	All-trans retinoic acid impairs glucose-stimulated insulin secretion by activating the RXR/SREBP-1c/UCP2 pathway. 2021 ,		0
129	Terpenes and Terpenoids: Building Blocks to Produce Biopolymers. 2021 , 2, 467-492		6
128	Inhibiting retinoic acid mitigates vision loss in a mouse model of retinal degeneration.		1
127	Role and Mechanism of Vitamin A Metabolism in the Pathophysiology of Parkinson's Disease. 2021 , 11, 949-970		3
126	Overview of all-trans-retinoic acid (ATRA) and its analogues: Structures, activities, and mechanisms in acute promyelocytic leukaemia. 2021 , 220, 113451		4
125	Differential Retinoic Acid Signaling in the Hippocampus of Aged Rats with and without Memory Impairment. 2021 , 8,		O
124	The Interactions of Insulin and Vitamin A Signaling Systems for the Regulation of Hepatic Glucose and Lipid Metabolism. 2021 , 10,		5
123	Retinoids Delivery Systems in Cancer: Liposomal Fenretinide for Neuroectodermal-Derived Tumors. 2021 , 14,		2
122	Dual-sized inverted colloidal crystal scaffolds grafted with GDF-8 and Wnt3a for enhancing differentiation of iPS cells toward islet Etells. 2021 , 126, 371-382		2
121	Systems Analysis Reveals Ageing-Related Perturbations in Retinoids and Sex Hormones in Alzheimer's and Parkinson's Diseases. 2021 , 9,		2

120	Brain Sensory Organs of the Ascidian : Structure, Function and Developmental Mechanisms. 2021 , 9, 701779	2
119	Alginate-gelatin emulsion droplets for encapsulation of vitamin A by 3D printed microfluidics. 2021 , 64, 164-164	O
118	Effect of Different Combinations of Dietary Vitamin A, Protein Levels, and Monensin on Inflammatory Markers and Metabolites, Retinol-Binding Protein, and Retinoid Status in Periparturient Dairy Cows. 2021 , 11,	О
117	Serum amyloid A delivers retinol to intestinal myeloid cells to promote adaptive immunity. 2021 , 373, eabf9232	12
116	Crosstalk between estrogen, dendritic cells, and SARS-CoV-2 infection. 2021 , e2290	2
115	Calcitriol and Retinoic acid antagonize each other to suppress the production of IL-9 by Th9 cells. 2021 , 96, 108788	O
114	A novel hypothesis for COVID-19 pathogenesis: Retinol depletion and retinoid signaling disorder. 2021 , 87, 110121	3
113	Determination of Antioxidant Biomarkers in Biological Fluids. 2021 , 263-308	O
112	Topical Cosmeceutical Retinoids. 325-335	1
111	Lipophilic microconstituents of milk. 2008 , 606, 109-25	15
110	Visual Transduction and Age-Related Changes in Lipofuscin. 2008, 421-462	3
109	Quantification of endogenous retinoids. 2010 , 652, 1-54	95
108	The Use of Retinoids as Differentiation Agents Against Medulloblastoma. 2009 , 1077-1104	1
107	Vitamin A Deficiency. 2017 , 181-234	6
106	Carotenoid Production by Filamentous Fungi and Yeasts. 2017 , 225-279	5
105	Plasma Transthyretin Reflects the Fluctuations of Lean Body Mass in Health and Disease. 2009 , 329-357	5
104	Hepatic Stellate Cell-Macrophage Crosstalk in Liver Fibrosis and Carcinogenesis. 2020 , 40, 307-320	14
103	Long-term treatment with insulin and retinoic acid increased glucose utilization in L6 muscle cells via glycogenesis. 2020 , 98, 683-697	1

102	Roles of Vitamin A Metabolism in the Development of Hepatic Insulin Resistance. 2013, 2013, 534972	18
101	Aldehyde dehydrogenase inhibition blocks mucosal fibrosis in human and mouse ocular scarring. 2016 , 1, e87001	31
100	Heterogeneous fibroblasts underlie age-dependent tertiary lymphoid tissues in the kidney. 2016 , 1, e87680	57
99	Integrated assessment of biomarker responses and comparative toxicity pathway in snails Bellamya aeruginosa exposed to tributyltin and triphenyltin in sediments. 2020 , 32,	2
98	Retinoic Acid. 2013 , 1-30	4
97	Mefloquine use, psychosis, and violence: a retinoid toxicity hypothesis. 2013 , 19, 579-83	13
96	Derangement of a factor upstream of RARalpha triggers the repression of a pleiotropic epigenetic network. 2009 , 4, e4305	23
95	Cyp26b1 regulates retinoic acid-dependent signals in T cells and its expression is inhibited by transforming growth factor- 2011 , 6, e16089	40
94	Adenylyl cyclase plays a regulatory role in development, stress resistance and secondary metabolism in Fusarium fujikuroi. 2012 , 7, e28849	24
93	Retinoic acid signalling is activated in the postischemic heart and may influence remodelling. 2012 , 7, e44740	39
92	Integrin function in T-cell homing to lymphoid and nonlymphoid sites: getting there and staying there. 2009 , 29, 87-109	100
91	The aryl hydrocarbon receptor and retinoid receptors cross-talk at the promoter. 2018, 17, 246-256	4
90	Role of retinoids and their cognate nuclear receptors in breast cancer chemoprevention. 2007, 15, 3-6	20
89	Therapeutic potential of the inhibition of the retinoic acid hydroxylases CYP26A1 and CYP26B1 by xenobiotics. 2013 , 13, 1402-28	49
88	From Carotenoids and Vitamin A to Retinoids. 2007 , 1-26	2
87	Positive evidence for vitamin A role in prevention of type 1 diabetes. 2016 , 7, 177-88	7
86	Role of Fat-Soluble Vitamins A and D in the Pathogenesis of Influenza: A New Perspective. 2013 , 2013, 1-26	6
85	The Role of Vitamins on the Prevention and/or Treatment of COVID-19 Infection; a Systematic Review. 2020 , 17,	6

84	[The involvement of vitamin A in the production of secretory IgA in the respiratory epithelium for potential protection against SARS-CoV-2 infection]. 2021 , 68, 185-197	
83	Vasoactive intestinal peptide promotes host defense against enteric pathogens by modulating the recruitment of group 3 innate lymphoid cells. 2021 , 118,	5
82	Insights into the Influence of Natural Retinoic Acids on Imposex Induction in Female Marine Gastropods in the Coastal Environment.	1
81	Patterning of vertebrate cardiac progenitor fields by retinoic acid signaling. 2021 , 59, e23458	1
80	Transthyretin and Retinol-Binding Protein: Implications in Fish Physiology. 2009, 143-157	
79	Why should plasma transthyretin become a routine screening tool in elderly persons?. 2009 , 13, 640	
78	Nutrigenomik Regulation der Genexpression Durch NBrstoffe. 2010 , 63-75	
77	Effects of Natural and Synthetic Retinoids on the Differentiation and Growth of Squamous Cancers. 2011 , 261-282	
76	Vitamin A Deficiencies and Excess. 2011 , 188-191.e1	
75	Alcohol, Retinoic Acid, and Cancer. 2011 , 127-153	
74	Regulation of the SOX3 gene expression by retinoid receptors. 2011 , 60, S83-91	1
73	Glial CellDerived Cytokines and Vascular Integrity in Diabetic Retinopathy. 2012, 325-338	
72	Pregnancy Health and Primary Prevention of Adult Disease. 2013 , 1723-1739	
71	Retinoic Acid and Immunity. 2013 , 49-56	
70	The Current Impact and Potential of Biotechnology to Improve the Capacity of Orange-fleshed Sweet Potato (Ipomoea batatas) to Prevent Vitamin A Deficiency. 2013 , 287-310	
70 69		
	Sweet Potato (Ipomoea batatas) to Prevent Vitamin A Deficiency. 2013, 287-310 Vitamin All Role in the Regulation of Hepatic Glucose and Lipid Metabolism During the Transition	

66	Dietary Antioxidants in Mitigating Oxidative Stress in Cardiovascular Diseases. 2019, 83-139	
65	Epithelial retinoic acid receptor [regulates serum amyloid A expression and vitamin A-dependent intestinal immunity.	1
64	Introductory Chapter: Feed Your Mind - How Does Nutrition Modulate Brain Function throughout Life?.	
63	All-trans retinoic acid in Alzheimer's disease. 2020 , 559-572	
62	Chapter 10:Vitamin A and the Retinoid System [From Nutrition to Endocrine Disruption. 2020 , 268-281	
61	în the blood feather regulates chicken pigmentation. 2020 , 63, 231-239	1
60	Effects of vitamin A supplementation in the diet of breeding geese on offspring intestinal tissue morphology and immune performance. 2020 , 33, 1463-1469	1
59	Role of Retinoid X Receptors (RXRs) and dietary vitamin A in Alzheimer's disease: Evidence from clinicopathological and preclinical studies. 2021 , 161, 105542	2
58	Plant Kingdom as Source of Vitamins. 2020 , 1-125	
57	Association between serum retinol and overall and cause-specific mortality in a 30-year prospective cohort study. <i>Nature Communications</i> , 2021 , 12, 6418	17.4 0
57 56		17.4 0
	cohort study. <i>Nature Communications</i> , 2021 , 12, 6418 Knockout of Cyp26a1 and Cyp26b1 during post-natal life causes reduced lifespan, dermatitis,	17.4 0
56	Cohort study. Nature Communications, 2021, 12, 6418 Knockout of Cyp26a1 and Cyp26b1 during post-natal life causes reduced lifespan, dermatitis, splenomegaly and systemic inflammation in mice. RETINOIDS IN DERMATOLOGY:FUNCTIONAL ACTIVITY AND PROSPECTS OF SYNTHETIC	17.4 0
56 55	Cohort study. <i>Nature Communications</i> , 2021 , 12, 6418 Knockout of Cyp26a1 and Cyp26b1 during post-natal life causes reduced lifespan, dermatitis, splenomegaly and systemic inflammation in mice. RETINOIDS IN DERMATOLOGY:FUNCTIONAL ACTIVITY AND PROSPECTS OF SYNTHETIC ANALOGUES. 2020 , 13, 32-41 Association analysis of retinoic acid receptor beta (RARbeta) gene with high myopia in Chinese	
56 55 54	Cohort study. <i>Nature Communications</i> , 2021 , 12, 6418 Knockout of Cyp26a1 and Cyp26b1 during post-natal life causes reduced lifespan, dermatitis, splenomegaly and systemic inflammation in mice. RETINOIDS IN DERMATOLOGY: FUNCTIONAL ACTIVITY AND PROSPECTS OF SYNTHETIC ANALOGUES. 2020 , 13, 32-41 Association analysis of retinoic acid receptor beta (RARbeta) gene with high myopia in Chinese subjects. 2010 , 16, 855-61 Sitagliptin downregulates retinol-binding protein 4 and upregulates glucose transporter type 4	3
56 55 54 53	Cohort study. <i>Nature Communications</i> , 2021 , 12, 6418 Knockout of Cyp26a1 and Cyp26b1 during post-natal life causes reduced lifespan, dermatitis, splenomegaly and systemic inflammation in mice. RETINOIDS IN DERMATOLOGY:FUNCTIONAL ACTIVITY AND PROSPECTS OF SYNTHETIC ANALOGUES. 2020 , 13, 32-41 Association analysis of retinoic acid receptor beta (RARbeta) gene with high myopia in Chinese subjects. 2010 , 16, 855-61 Sitagliptin downregulates retinol-binding protein 4 and upregulates glucose transporter type 4 expression in a type 2 diabetes mellitus rat model. 2015 , 8, 17902-11 The Role of Integrin Expressing Cells in Modulating Disease Susceptibility and Progression (January	3
56 55 54 53 52	Cohort study. <i>Nature Communications</i> , 2021 , 12, 6418 Knockout of Cyp26a1 and Cyp26b1 during post-natal life causes reduced lifespan, dermatitis, splenomegaly and systemic inflammation in mice. RETINOIDS IN DERMATOLOGY:FUNCTIONAL ACTIVITY AND PROSPECTS OF SYNTHETIC ANALOGUES. 2020 , 13, 32-41 Association analysis of retinoic acid receptor beta (RARbeta) gene with high myopia in Chinese subjects. 2010 , 16, 855-61 Sitagliptin downregulates retinol-binding protein 4 and upregulates glucose transporter type 4 expression in a type 2 diabetes mellitus rat model. 2015 , 8, 17902-11 The Role of Integrin Expressing Cells in Modulating Disease Susceptibility and Progression (January 2016). 2016 , 4, 11-27	3 6 4

48	A master of all trades - linking retinoids to different signalling pathways through the multi-purpose receptor STRA6. 2021 , 7, 358	1
47	Retinoid Agonists in the Targeting of Heterotopic Ossification. 2021 , 10,	2
46	Encyclopedia of Molecular Pharmacology. 2021 , 1358-1367	
45	Fat-soluble vitamins. 2022, 329-364	O
44	Increased expression of Profilin potentiates chemotherapeutic agent-mediated tumour regression 2022 ,	Ο
43	Transcriptome analysis of molecular response to UVC irradiation in zebrafish embryos 2022 , 231, 113211	O
42	All retinoic acid as a host-directed immunotherapy for tuberculosis 2022, 3, 54-72	0
41	Retinoids. 2022 , 439-453	
40	In silico Study on Binding Specificities of Cellular Retinol Binding Protein and Its Q108R Mutant. 2022 , 27, 126-134	Ο
39	Blood retinol and retinol-binding protein concentrations are associated with diabetes: a systematic review and meta-analysis of observational studies 2022 ,	
38	Vitamin A supplementation policy: A shift from universal to geographical targeted approach in India considered detrimental to health and nutritional status of under 5 years children 2022 ,	
37	Sustained Drug Release From Liposomes for the Remodeling of Systemic Immune Homeostasis and the Tumor Microenvironment 2022 , 13, 829391	Ο
36	Allretinoic acid induces RARB-dependent apoptosis via ROS induction and enhances cisplatin sensitivity by NRF2 downregulation in cholangiocarcinoma cells 2022 , 23, 179	O
35	Table_1.XLSX. 2020 ,	
34	Table_2.XLSX. 2020 ,	
33	Table_3.XLSX. 2020 ,	
32	Table_4.XLSX. 2020 ,	
31	Table_5.XLSX. 2020,	

30 Table_6.XLSX. **2020**,

29	Table_7.XLSX. 2020 ,		
28	Retinoic acid inhibitors mitigate vision loss in a mouse model of retinal degeneration <i>Science Advances</i> , 2022 , 8, eabm4643	14.3	2
27	Profilin upregulation induces autophagy through stabilization of AMP-activated protein kinase <i>FEBS Letters</i> , 2022 ,	3.8	O
26	Fucoxanthin Attenuates the Reprogramming of Energy Metabolism during the Activation of Hepatic Stellate Cells <i>Nutrients</i> , 2022 , 14,	6.7	0
25	Potential Therapeutic Effect of All-Trans Retinoic Acid on Atherosclerosis. <i>Biomolecules</i> , 2022 , 12, 869	5.9	
24	Intestine-enriched apolipoprotein b orthologs are required for stem cell progeny differentiation and regeneration in planarians. <i>Nature Communications</i> , 2022 , 13,	17.4	0
23	Light-induced algae retinal stress can deform fish spines. 2023 , 562, 738758		O
22	Spectroscopy of Retinoic Acid at the Air Water Interface. 2022 , 126, 6908-6919		1
21	Replenishment of vitamin A for 7 days partially restored hepatic gene expressions altered by its deficiency in rats. 9,		O
20	Vit A. 2022 , 297-301		O
19	ALDH1A2 -related disorder: A new genetic syndrome due to alteration of the retinoic acid pathway.		O
18	Role of Micronutrients and Gut Microbiota-Derived Metabolites in COVID-19 Recovery. 2022 , 23, 12324		1
17	Vitamin A. 2022 , 1-25		0
16	Vitamin A Preserves Cardiac Energetic Gene Expression in a Murine Model of Diet-Induced Obesity.		0
15	Low intake of Larotene and dietary fiber from vegetables and fruits in patients with chronic kidney disease. 2022 , 12,		O
14	Disruptions in network plasticity precede deficits in memory following inhibition of retinoid signaling. 2023 , 129, 41-55		1
13	Responses of microRNA in digestive glands of mussel Mytilus galloprovincialis exposed to polystyrene nanoplastics. 2023 , 249, 114412		O

12	Effects of pre-partum dietary crude protein level on colostrum fat globule membrane proteins and the performance of Hu ewes and their offspring. 9,	O
11	Vitamin A Ameliorated Irinotecan-Induced Diarrhea in a Piglet Model Involving Enteric Glia Modulation and Immune Cells Infiltration. 2022 , 14, 5120	o
10	Loss of alcohol dehydrogenase 1B in cancer-associated fibroblasts: contribution to the increase of tumor-promoting IL-6 in colon cancer.	0
9	Plasma Protein Biomarkers of Healthy Dietary Patterns: Results from the Atherosclerosis Risk in Communities Study and the Framingham Heart Study. 2022 ,	O
8	Recent progress in practical applications of a potential carotenoid astaxanthin in aquaculture industry: a review.	2
7	Carrot and carotene and multiple health outcomes: an umbrella review of the evidence.	O
6	Intertwining of Retinoic Acid and Cholesterol Pathway and its Consequences in Leishmania donovani-Infected Macrophages. 2023 , 19-43	0
5	Vitamin A Deficiency: An Overview. 2012 , 396-416	o
4	Retinoic Acids and their Biological Functions. 2012 , 470-484	0
3	Inherited causes of exocrine pancreatic insufficiency in pediatric patients: clinical presentation and laboratory testing. 1-16	O
2	Differential regulation of Retinoic Acid Metabolism in Fanconi Anemia.	О
1	Gut Health and Influencing Factors in Pigs. 2023 , 13, 1350	О