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The kidney, hypertension, and obesity

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|-----|--|---------------|-----------|
| 691 | Impact of the obesity epidemic on hypertension and renal disease. <b>2003</b> , 5, 386-92  |               | 82        |
| 690 | Renal angiotensin II receptors, hyperinsulinemia, and obesity. <b>2003</b> , 25, 395-403   |               | 14        |
| 689 | Downregulation of renal CYP-derived eicosanoid synthesis in rats with diet-induced hypertension. <i>Hypertension</i> , <b>2003</b> , 42, 594-9                           | 8.5           | 63        |
| 688 | Lifestyle modification and blood pressure control: is the glass half full or half empty?. 2003, 289, 2131-2  | 2             | 24        |
| 687 | Adiposity is related to gender differences in impaired stress-induced pressure natriuresis. <i>Hypertension</i> , <b>2003</b> , 42, 1082-6                               | 8.5           | 19        |
| 686 | Diminished natriuretic response to dopamine D1 receptor agonist, SKF-38393 in obese Zucker rats. <b>2003</b> , 25, 509-15  |               | 19        |
| 685 | Renal dopamine D(1) receptor dysfunction is acquired and not inherited in obese Zucker rats. <b>2004</b> , 287, F109-16  |               | 18        |
| 684 | Kinetic analysis of cardiac transcriptome regulation during chronic high-fat diet in dogs. <b>2004</b> , 19, 32-40   | )             | 19        |
| 683 | Historic and early life origins of hypertension in Africans. <b>2004</b> , 134, 211-6  |               | 45        |
| 682 | Salt, blood pressure, and kidney. <b>2004</b> , 143, 16-31   |               |           |
| 681 | Obesity and hypertension-induced restrictive cardiomyopathy: a harbinger of things to come. <i>Hypertension</i> , <b>2004</b> , 43, 911-7                                | 8.5           | 8         |
| 680 | Impact of obesity on plasma natriuretic peptide levels. <b>2004</b> , 109, 594-600   |               | 737       |
| 679 | Association between blood pressure and resting energy expenditure independent of body size. <i>Hypertension</i> , <b>2004</b> , 43, 555-60                               | 8.5           | 37        |
| 678 | Rosiglitazone restores G-protein coupling, recruitment, and function of renal dopamine D1A receptor in obese Zucker rats. <i>Hypertension</i> , <b>2004</b> , 43, 376-82 | 8.5           | 23        |
| 677 | Insulin, leptin, and membrane microviscosity in blood pressure regulation. <i>Hypertension</i> , <b>2004</b> , 43, e15-6; author reply e15-6                             | 8.5           |           |
| 676 | Aldosterone antagonism attenuates obesity-induced hypertension and glomerular hyperfiltration. <i>Hypertension</i> , <b>2004</b> , 43, 41-7                              | 8.5           | 166       |
| 675 | The sympathetic nervous system and hypertension: recent developments. <i>Hypertension</i> , <b>2004</b> , 43, 147  | 5 <b>%</b> .5 | 114       |

## (2004-2004)

| 674 | Selective increase in renal arcuate innervation density and neurogenic constriction in chronic angiotensin II-infused rats. <i>Hypertension</i> , <b>2004</b> , 43, 643-8                                   | 8.5 | 14  |
|-----|---|-----|-----|
| 673 | Vascular response to angiotensin II in upper body obesity. <i>Hypertension</i> , <b>2004</b> , 44, 435-41   | 8.5 | 28  |
| 672 | Na+, kidney, hypertension and genes: lessons from rats. <b>2004</b> , 22, 1461-4  |     | 2   |
| 671 | Programming of adult cardiovascular function after early maternal undernutrition in sheep.<br>American Journal of Physiology - Regulatory Integrative and Comparative Physiology, <b>2004</b> , 287, R12-20 | 3.2 | 86  |
| 670 | Obesity and hypertension: two epidemics or one?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2004</b> , 286, R803-13                                     | 3.2 | 184 |
| 669 | Oxidative stress, renal infiltration of immune cells, and salt-sensitive hypertension: all for one and one for all. <b>2004</b> , 286, F606-16  |     | 199 |
| 668 | Volume natriuresis vs. pressure natriuresis. <b>2004</b> , 181, 495-503   |     | 38  |
| 667 | Cytokine gene expression profiles in kidney medulla and cortex of obese hypertensive dogs. <b>2004</b> , 66, 713-21   |     | 15  |
| 666 | Plasma sodium and hypertension. <b>2004</b> , 66, 2454-66   |     | 133 |
| 665 | Regulation of arterial blood pressure. <b>2004</b> , 22, 120a-120f  |     | 5   |
| 664 | The global epidemic of obesity: are we becoming more sympathetic?. <b>2004</b> , 6, 241-6   |     | 20  |
| 663 | What is the contribution of obesity to the metabolic syndrome?. <b>2004</b> , 33, 267-82, table of contents   |     | 54  |
| 662 | Is obesity a major cause of chronic kidney disease?. <b>2004</b> , 11, 41-54  |     | 159 |
| 661 | Insulin and insulin resistance: impact on blood pressure and cardiovascular disease. <b>2004</b> , 88, 63-82  |     | 111 |
| 660 | La alteracifi renal no es el principal mecanismo patogfiico en el desarrollo de la hipertensifi arterial. <b>2004</b> , 21, 251-255   |     |     |
| 659 | Salutary effects of attenuation of angiotensin II on coronary perivascular fibrosis associated with insulin resistance and obesity. <b>2004</b> , 37, 525-35  |     | 62  |
| 658 | Leptin and membrane fluidity of erythrocytes in essential hypertension. An electron paramagnetic resonance investigation. <b>2004</b> , 17, 375-9   |     | 13  |
| 657 | Insulin sensitivity and membrane microviscosity in hypertension. <b>2004</b> , 17, 382  |     |     |

| 656 | Relationship of body composition to stress-induced pressure natriuresis in youth. 2004, 17, 1023-8  | 17  |
|-----|---|-----|
| 655 | Hypertension in overweight and obese primary care patients is highly prevalent and poorly controlled. <b>2004</b> , 17, 904-10  | 203 |
| 654 | Is there a rationale for angiotensin blockade in the management of obesity hypertension?.  Hypertension, <b>2004</b> , 44, 12-9   | 110 |
| 653 | Resistant hypertension, obesity, sleep apnea, and aldosterone: theory and therapy. <i>Hypertension</i> , <b>2004</b> , 43, 518-24   | 214 |
| 652 | Disturbances in renal autoregulation and the susceptibility to hypertension-induced chronic kidney disease. <i>American Journal of the Medical Sciences</i> , <b>2004</b> , 328, 330-43 | 37  |
| 651 | Medical Consequences of Obesity and Benefits of Weight Loss. <b>2005</b> , 119-142  |     |
| 650 | Hypertension and the metabolic syndrome. <i>American Journal of the Medical Sciences</i> , <b>2005</b> , 330, 303-10 2.2  | 37  |
| 649 | Acute pressure-natriuresis function shows early impairment in Lyon hypertensive rats. <b>2005</b> , 23, 1225-31   | 8   |
| 648 | Obesity is associated with increased arterial stiffness from adolescence until old age. <b>2005</b> , 23, 1839-46   | 199 |
| 647 | Role of endothelin in noradrenaline-induced hypertension in rats. <b>2005</b> , 23, 987-93  | 4   |
| 646 | Comparison of the effects of valsartan and felodipine on plasma leptin and insulin sensitivity in hypertensive obese patients. <b>2005</b> , 28, 209-14                                 | 43  |
| 645 | Laparoscopic adjustable gastric banding prior to renal transplantation. <b>2005</b> , 15, 567-70  | 51  |
| 644 | Factors influencing the progression of renal damage in patients with unilateral renal agenesis and remnant kidney. <b>2005</b> , 68, 263-70   | 92  |
| 643 | Impact of body mass index on markers of left ventricular thickness and mass calculation: results of a pilot analysis. <b>2005</b> , 22, 203-10  | 30  |
| 642 | Role of the renal nerves in gamma-aminobutyric acid-induced antihypertensive effect in spontaneously hypertensive rats. <b>2005</b> , 524, 120-5  | 27  |
| 641 | Hipertensifi arterial y sfidrome metablico. <b>2005</b> , 5, 38D-45D  | 1   |
| 640 | Maternal nutritional programming of fetal adipose tissue development: long-term consequences for later obesity. <b>2005</b> , 75, 193-9   | 66  |
| 639 | Newly discovered endocrine functions of white adipose tissue: possible relevance in obesity-related diseases. <b>2005</b> , 62, 1359-62   | 23  |

| 638 | Characteristics of children with primary hypertension seen at a referral center. 2005, 20, 961-6  |   | 149 |
|-----|---|---|-----|
| 637 | AT1-receptor antagonism reverses the blood pressure elevation associated with diet-induced obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R181-6 | 2 | 57  |
| 636 | Renal protection by a soy diet in obese Zucker rats is associated with restoration of nitric oxide generation. <b>2005</b> , 288, F108-16   |   | 52  |
| 635 | The Management of Eating Disorders and Obesity. 2005,   |   | 2   |
| 634 | Impact of maternal undernutrition and fetal number on glucocorticoid, growth hormone and insulin-like growth factor receptor mRNA abundance in the ovine fetal kidney. <b>2005</b> , 129, 151-9                           |   | 39  |
| 633 | Risk factors for development of decreased kidney function in a southeast Asian population: a 12-year cohort study. <b>2005</b> , 16, 791-9  |   | 164 |
| 632 | [Therapy of obesity-associated hypertension]. <b>2005</b> , 130, 2645-50  |   | 0   |
| 631 | Exercise, insulin resistance, and hypertension: a complex relationship. <b>2005</b> , 3, 60-5   |   | 16  |
| 630 | Metabolic syndrome: therapeutic considerations. <b>2005</b> , 107-33  |   | 22  |
| 629 | Role of selective leptin resistance in diet-induced obesity hypertension. <b>2005</b> , 54, 2012-8  |   | 254 |
| 628 | Weight loss and the renin-angiotensin-aldosterone system. <i>Hypertension</i> , <b>2005</b> , 45, 356-62  | 5 | 480 |
| 627 | Leptin, fetal nutrition, and long-term outcomes for adult hypertension. 2005, 12, 73-9  |   | 10  |
| 626 | Obesity-associated hypertension: new insights into mechanisms. <i>Hypertension</i> , <b>2005</b> , 45, 9-14   | 5 | 586 |
| 625 | CYP450, COX-2 and Obesity Related Renal Damage. <b>2005</b> , 15, 125-36  |   | 9   |
| 624 | Essential hypertension, progressive renal disease, and uric acid: a pathogenetic link?. 2005, 16, 1909-19   |   | 218 |
| 623 | Microalbuminuria and risk factors in type 1 and type 2 diabetic patients. <b>2005</b> , 67, 258-66  |   | 45  |
| 622 | Gender differences of renal CYP-derived eicosanoid synthesis in rats fed a high-fat diet. <b>2005</b> , 18, 530-7   |   | 32  |
| 621 | Hyperinsulinemia, insulin receptor number, and membrane microviscosity of erythrocytes in essential hypertension. <b>2005</b> , 18, 1133  |   |     |

| 620 | Antihypertensive effect of irbesartan and predictors of response in obesity-associated hypertension: a prospective, open-label study. <b>2005</b> , 25, 765-76   | 12  |
|-----|--|-----|
| 619 | Natriuretic Peptides. 2006,  | 9   |
| 618 | Obesity and the renin- angiotensin-aldosterone system. <b>2006</b> , 1, 255-264  | 3   |
| 617 | Hipertensifi arterial y sfidrome metablico. <b>2006</b> , 23, 19-27  | 2   |
| 616 | Prehypertension is associated with insulin resistance state and not with an initial renal function impairment. A Metabolic Syndrome in Active Subjects in Spain (MESYAS) Registry substudy. <b>2006</b> , 19, 189-96; discussion 197-8 | 56  |
| 615 | Clinical Applications in Extra-Cardiac Diseases. <b>2006</b> , 133-160   | 1   |
| 614 | Hipertensifi arterial y sfidrome metablico. <b>2006</b> , 23, 19-27  |     |
| 613 | [Is essential hypertension essentially metabolic?]. 2006, 127, 705-8   |     |
| 612 | CB1 cannabinoid receptor antagonists for treatment of obesity and prevention of comorbid metabolic disorders. <b>2006</b> , 49, 4008-16  | 49  |
| 611 | Interaction between body mass index and alcohol intake in relation to blood pressure in HAN and SHE Chinese. <b>2006</b> , 19, 448-53  | 22  |
| 610 | Hypertensiona treatable component of the cardiometabolic syndrome: challenges for the primary care physician. <b>2006</b> , 8, 12-20   | 7   |
| 609 | Role of the renin-angiotensin- aldosterone system in the metabolic syndrome. <b>2006</b> , 151, 122-134  | 30  |
| 608 | References. 205-245  |     |
| 607 | The developmental environment, renal function and disease. 310-322   | 1   |
| 606 | The developmental environment and the development of obesity. 255-264  | 3   |
| 605 | Obesity, proteinuria and progression of renal failure. <b>2006</b> , 15, 481-6   | 102 |
| 604 | Role of leptin in blood pressure regulation and arterial hypertension. <b>2006</b> , 24, 789-801   | 150 |
| 603 | Hypertension, obesity and GNB 3 gene variants. <b>2006</b> , 33, 248-52  | 33  |

### (2006-2006)

| 602 | Diagnosis and management of hypertension in obesity. <b>2006</b> , 7, 155-62   | 27  |
|-----|--|-----|
| 601 | Obesity and cardiovascular risk factors in type 2 diabetes: results from the Swedish National Diabetes Register. <b>2006</b> , 259, 314-22                     | 71  |
| 600 | The genetic dissection of essential hypertension. <b>2006</b> , 7, 829-40  | 230 |
| 599 | Nondiabetic consequences of obesity on kidney. <b>2006</b> , 21, 463-70  | 65  |
| 598 | Renal sympathetic nerve activity in the development of hypertension. 2006, 8, 242-8  | 16  |
| 597 | Can PPARgamma agonists have a role in the management of obesity-related hypertension?. <b>2006</b> , 45, 46-53   | 20  |
| 596 | The complex role of PPARgamma in renal dysfunction in obesity: managing a Janus-faced receptor. <b>2006</b> , 45, 36-45  | 13  |
| 595 | Obese patients have lower B-type and atrial natriuretic peptide levels compared with nonobese. <b>2006</b> , 12, 85-90   | 13  |
| 594 | Management of hypertension in children and adolescents with the metabolic syndrome. <b>2006</b> , 1, 259-68  | 14  |
| 593 | Phosphodiesterase 5 inhibitor ameliorates renal resistance to atrial natriuretic peptide associated with obesity and hyperleptinemia. <b>2006</b> , 37, 307-15 | 7   |
| 592 | Obesity, smoking, and physical inactivity as risk factors for CKD: are men more vulnerable?. <b>2006</b> , 47, 396-405   | 141 |
| 591 | The role of renin-angiotensin system blockade in the management of hypertension associated with the cardiometabolic syndrome. <b>2006</b> , 1, 29-35           | 38  |
| 590 | Obesity and renal hemodynamics. <b>2006</b> , 151, 184-202   | 52  |
| 589 | Weight loss and proteinuria. <b>2006</b> , 151, 221-229  | 14  |
| 588 | Androgens potentiate renal vascular responses to angiotensin II via amplification of the Rho kinase signaling pathway. <b>2006</b> , 72, 456-63                | 39  |
| 587 | Nutritional Programming of Foetal Development: Endocrine Mediators and Long-Term Outcomes for Cardiovascular Health. <b>2006</b> , 2, 389-398                  | 5   |
| 586 | Renal Ischemia: How Commonly Does it Cause Renal Failure?. <b>2006</b> , 2, 255-261  |     |
| 585 | Oxidative stress and glomerular filtration barrier injury: role of the renin-angiotensin system in the Ren2 transgenic rat. <b>2006</b> , 291, F1308-14        | 94  |

| 584 | Androgens augment renal vascular responses to ANG II in New Zealand genetically hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 290, R1608 <sup>2</sup> | 15 | 42  |
|-----|--|----|-----|
| 583 | Development of inhibitors of the aspartyl protease renin for the treatment of hypertension. <b>2006</b> , 7, 241-54  |    | 24  |
| 582 | Induction of renal 20-hydroxyeicosatetraenoic acid by clofibrate attenuates high-fat diet-induced hypertension in rats. <b>2006</b> , 317, 11-8  |    | 29  |
| 581 | Obesity and Diabetes. <b>2006</b> ,  |    | 4   |
| 580 | International comparison of the relationship of chronic kidney disease prevalence and ESRD risk. <b>2006</b> , 17, 2275-84   |    | 484 |
| 579 | Does obesity induce resistance to the long-term cardiovascular and metabolic actions of melanocortin 3/4 receptor activation?. <i>Hypertension</i> , <b>2006</b> , 47, 259-64  | 5  | 25  |
| 578 | Influence of salt intake on renin-angiotensin and natriuretic peptide system genes in human adipose tissue. <i>Hypertension</i> , <b>2006</b> , 48, 1103-8   | 5  | 19  |
| 577 | Renal Cytochrome P450-Derived Eicosanoids and Hypertension. <b>2006</b> , 2, 227-236   |    | 5   |
| 576 | Chloroquine-induced nitric oxide: new treatment for an emerging epidemic of obesity-related glomerulopathy. <b>2006</b> , 8, 691-2   |    | 1   |
| 575 | Rimonabant as a potential new treatment for an emerging epidemic of obesity-related glomerulopathy?. <b>2006</b> , 11, 563-5   |    | 4   |
| 574 | Does microvascular dysfunction link obesity with insulin resistance and hypertension?. <b>2006</b> , 1, 181-187  |    | 1   |
| 573 | Role of renal medullary heme oxygenase in the regulation of pressure natriuresis and arterial blood pressure. <i>Hypertension</i> , <b>2007</b> , 49, 148-54   | 5  | 57  |
| 572 | Increasing or stabilizing renal epoxyeicosatrienoic acid production attenuates abnormal renal function and hypertension in obese rats. <b>2007</b> , 293, F342-9   |    | 70  |
| 571 | Characterization of the regulation of renal Na+/H+ exchanger NHE3 by insulin. <b>2007</b> , 292, F577-85   |    | 83  |
| 570 | Expression and actions of HIF prolyl-4-hydroxylase in the rat kidneys. <b>2007</b> , 292, F207-16  |    | 54  |
| 569 | The elevated blood pressure of human GRK4gamma A142V transgenic mice is not associated with increased ROS production. <b>2007</b> , 292, H2083-92  |    | 32  |
| 568 | Hypertension and impaired renal function accompany juvenile obesity: the effect of prenatal diet. <b>2007</b> , 72, 279-89   |    | 44  |
| 567 | Diuretics in obstructive sleep apnea with diastolic heart failure. <b>2007</b> , 132, 440-6  |    | 136 |

| 566 | A rat chance or renatinjury. <b>2007</b> , 72, 232-4   |     | 2  |  |
|-----|--|-----|----|--|
| 565 | Heme Oxygenase-1: A Potential Antihypertensive Target?. <b>2007</b> , 3, 75-82   |     |    |  |
| 564 | P1,P4-diadenosine tetraphosphate (Ap4A) inhibits proximal tubular reabsorption of sodium in rats. <b>2007</b> , 106, p13-8   |     | 9  |  |
| 563 | Junctional adhesion molecule-1 may have a wider role in cardiovascular disease. <i>Hypertension</i> , <b>2007</b> , 50, e22; author reply e23  | 8.5 | 3  |  |
| 562 | Integration of physiological and molecular mechanisms of the developmental origins of adult disease: new concepts and insights. <b>2007</b> , 66, 442-50   |     | 38 |  |
| 561 | Modest weight gain is associated with sympathetic neural activation in nonobese humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 292, R1834-8 | 3.2 | 52 |  |
| 560 | Sodium, blood pressure, and cardiovascular disease. <b>2007</b> , 22, 306-10   |     | 13 |  |
| 559 | Presidential Address: 21st Scientific Meeting of the International Society of Hypertension: dietary sodium and cardiovascular disease: the 'J'-shaped relation. <b>2007</b> , 25, 903-7                        |     | 36 |  |
| 558 | Fetal mechanisms that lead to later hypertension. <b>2007</b> , 8, 894-905   |     | 24 |  |
| 557 | European Society of Hypertension Working Group on Obesity: background, aims and perspectives. <b>2007</b> , 25, 897-900  |     | 26 |  |
| 556 | Obesity, essential hypertension and renin-angiotensin system. <b>2007</b> , 10, 1151-5   |     | 65 |  |
| 555 | Obesity and kidney disease. <b>2007</b> , 17, 757-62   |     | 51 |  |
| 554 | Sympathetic and renin-angiotensin systems contribute to increased blood pressure in sucrose-fed rats. <b>2007</b> , 20, 692-8  |     | 15 |  |
| 553 | Hipertensi?n arterial (1). <b>2007</b> , 9, 5249-5254  |     |    |  |
| 552 | Sex differences in renal nitric oxide synthase, NAD(P)H oxidase, and blood pressure in obese Zucker rats. <b>2007</b> , 4, 214-29  |     | 12 |  |
| 551 | The association of aldosterone with obesity-related hypertension and the metabolic syndrome. <b>2007</b> , 27, 529-37  |     | 35 |  |
| 550 | Hypoadiponectinemia is associated with blood pressure increase in obese insulin-resistant individuals. <b>2007</b> , 56, 1464-9  |     | 14 |  |
| 549 | Role of the Kidney in Hypertension. <b>2007</b> , 241-263  |     | 2  |  |

| 548   | Pathophysiology of ObesityInduced Hypertension and Target Organ Damage. <b>2007</b> , 447-468   | 11                  |
|---|---|---------------------|
| 547   | Anesthesia Considerations in the Obese. <b>2007</b> , 108-118   |                     |
| 546   | Human adipocytes induce an ERK1/2 MAP kinases-mediated upregulation of steroidogenic acute regulatory protein (StAR) and an angiotensin II-sensitization in human adrenocortical cells. <b>2007</b> , 31, 1605-16   | 41                  |
| 545   | Cardiorespiratory fitness influences the blood pressure response to experimental weight gain. <b>2007</b> , 15, 3005-12   | 12                  |
| 544   | ADIPONECTIN AND NITRIC OXIDE PRODUCTION IN NORMOTENSIVE AND HYPERTENSIVE MEN. <b>2007</b> , 34, S64-S66   | 4                   |
| 543   | The metabolic syndrome: metabolic changes with vascular consequences. <b>2007</b> , 37, 8-17  | 65                  |
| 542   | Obesity-hypertension: an ongoing pandemic. <b>2007</b> , 61, 269-80   | 79                  |
| 541   | Fat intake and cardiovascular response. <b>2008</b> , 10, 25-31   | 33                  |
| 540   | The treatment of hypertension in obese patients. <b>2008</b> , 10, 143-50   | 19                  |
| 539   | Analysis of prevalence and risk factors of hypertension among Uygur adults in Tushala and Hetian  | 4                   |
|   | Xinjiang Uygur autonomous region. <b>2008</b> , 8, 87-91  |                     |
| 538   | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. <b>2008</b> , 294, H551-69   | 66                  |
|   | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in   | 66                  |
| 538   | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. <b>2008</b> , 294, H551-69  Association of F11 receptor gene polymorphisms with central obesity and blood pressure. <b>2008</b> ,  |                     |
| 538<br>537  | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. <b>2008</b> , 294, H551-69  Association of F11 receptor gene polymorphisms with central obesity and blood pressure. <b>2008</b> , 263, 322-32  | 17                  |
| <ul><li>538</li><li>537</li><li>536</li></ul>                         | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. 2008, 294, H551-69  Association of F11 receptor gene polymorphisms with central obesity and blood pressure. 2008, 263, 322-32  Obesity and CKD: how to assess the risk?. 2008, 52, 1-6   | 9                   |
| <ul><li>538</li><li>537</li><li>536</li><li>535</li></ul>             | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. 2008, 294, H551-69  Association of F11 receptor gene polymorphisms with central obesity and blood pressure. 2008, 263, 322-32  Obesity and CKD: how to assess the risk?. 2008, 52, 1-6  Blood pressure control in patients with comorbidities. 2008, 10, 624-31  | 17<br>9<br>24       |
| <ul><li>538</li><li>537</li><li>536</li><li>535</li><li>534</li></ul> | Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. 2008, 294, H551-69  Association of F11 receptor gene polymorphisms with central obesity and blood pressure. 2008, 263, 322-32  Obesity and CKD: how to assess the risk?. 2008, 52, 1-6  Blood pressure control in patients with comorbidities. 2008, 10, 624-31  Secondary hypertension: obesity and the metabolic syndrome. 2008, 10, 567-74  Associations of glomerular number and birth weight with clinicopathological features of African | 17<br>9<br>24<br>20 |

Relacili entre obesidad y desarrollo de insuficiencia renal. 2008, 25, 61-69 530 2 Relacili entre obesidad y desarrollo de insuficiencia renal. 2008, 25, 61-69 529 Resistant hypertension: diagnosis, evaluation, and treatment. A scientific statement from the 528 American Heart Association Professional Education Committee of the Council for High Blood 8.5 1136 Pressure Research. Hypertension, 2008, 51, 1403-19 Aldosterone and metabolic syndrome: is increased aldosterone in metabolic syndrome patients an 8.5 84 527 additional risk factor?. Hypertension, 2008, 51, 1252-8 Blood pressure follows the kidney: Perinatal influences on hereditary hypertension. 2008, 4, 153-7 6 526 Obesity-induced glomerular hyperfiltration: its involvement in the pathogenesis of tubular sodium 525 122 reabsorption. 2008, 23, 3946-52 Treatment of hypertension in individuals with the cardiometabolic syndrome: role of an 524 10 angiotensin II receptor blocker, telmisartan. **2008**, 6, 289-303 Obesity, inflammation, and kidney disease. 2008, S15-8 28 523 Salt and blood pressure in children. 2008, 22, 1-3 522 1 Renoprotective mechanisms of soy protein intake in the obese Zucker rat. 2008, 295, F1574-82 521 14 Adverse renal consequences of obesity. 2008, 294, F685-96 520 177 Association of a polymorphism in the lipin 1 gene with systolic blood pressure in men. 2008, 21, 539-45 519 26 Visceral fat and prevalence of hypertension among African Americans and Hispanic Americans: 518 28 findings from the IRAS family study. 2008, 21, 910-6 Adiponectin, cardiovascular function, and hypertension. Hypertension, 2008, 51, 8-14 8.5 517 193 Obese and nonobese patients with essential hypertension show similar N-terminal proBNP plasma 516 9 levels. 2008, 21, 820-5 Salt-sensitive hypertension induced by decoy of transcription factor hypoxia-inducible 62 515 factor-1alpha in the renal medulla. 2008, 102, 1101-8 Telemetric signal-driven servocontrol of renal perfusion pressure in acute and chronic rat experiments. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 6 3.2 514 2008, 295, R1494-501 Resistant hypertension: diagnosis, evaluation, and treatment: a scientific statement from the American Heart Association Professional Education Committee of the Council for High Blood 513 895 Pressure Research. 2008, 117, e510-26

| 512 | Nephron number, glomerular volume, renal disease and hypertension. <b>2008</b> , 17, 258-65  | 146 |
|-----|--|-----|
| 511 | Clinical approach in treatment of resistant hypertension. <b>2009</b> , 2, 9-23  | 3   |
| 510 | Epoxyeicosatrienoic acid agonist rescues the metabolic syndrome phenotype of HO-2-null mice. <b>2009</b> , 331, 906-16   | 120 |
| 509 | Protective role of angiotensin II subtype 2 receptor in blood pressure increase in obese Zucker rats.  Hypertension, <b>2009</b> , 53, 256-61  | 37  |
| 508 | Association of a common variant of the leptin gene with blood pressure in an obese Brazilian population. <b>2009</b> , 22, 577-80  | 7   |
| 507 | Overweight, obesity and chronic kidney disease. <b>2009</b> , 112, c121-7; discussion c127   | 57  |
| 506 | Inhibitory effect of ETB receptor on Na(+)-K(+) ATPase activity by extracellular Ca(2+) entry and Ca(2+) release from the endoplasmic reticulum in renal proximal tubule cells. <b>2009</b> , 32, 846-52           | 16  |
| 505 | Urinary prostasin: a possible biomarker for renal pressure natriuresis in black adolescents. <b>2009</b> , 65, 443-6   | 10  |
| 504 | Long-term renal function and cardiovascular disease risk in obese kidney donors. <b>2009</b> , 4, 1230-8   | 60  |
| 503 | Conjugated linoleic acid supplementation enhances antihypertensive effect of ramipril in Chinese patients with obesity-related hypertension. <b>2009</b> , 22, 680-6   | 34  |
| 502 | Kidney function and future risk for adverse pregnancy outcomes: a population-based study from HUNT II, Norway. <b>2009</b> , 24, 3744-50   | 43  |
| 501 | Adipocyte-derived factor reduces vasodilatory capability in ob-/ob- mice. <b>2009</b> , 297, H689-95   | 6   |
| 500 | Altered responsiveness of the kidney to activation of the renal nerves in fat-fed rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 296, R1889-96 | 11  |
| 499 | Glomerular 20-HETE, EETs, and TGF-beta1 in diabetic nephropathy. <b>2009</b> , 296, F556-63  | 38  |
| 498 | Local inflammation and hypoxia abolish the protective anticontractile properties of perivascular fat in obese patients. <b>2009</b> , 119, 1661-70   | 437 |
| 497 | Assessment of sympathetic cardiovascular drive in human hypertension: achievements and perspectives. <i>Hypertension</i> , <b>2009</b> , 54, 690-7   | 271 |
| 496 | Temporal relation between body mass index and renal function in individuals with hypertension and excess body weight. <b>2009</b> , 25, 914-9  | 8   |
| 495 | Nebivolol in obese and non-obese hypertensive patients. <b>2009</b> , 11, 309-15   | 20  |

### (2009-2009)

| 494                             | Is surgery the next answer to treat obesity-related hypertension?. <b>2009</b> , 11, 284-8  | 16                         |
|---------------------------------|---|----------------------------|
| 493                             | Prehypertension, obesity, and risk of kidney disease: 20-year follow-up of the HUNT I study in Norway. <b>2009</b> , 54, 638-46   | 93                         |
| 492                             | Epidemiologic and pathophysiologic links between obesity and hypertension. 2009, 3, 264-271   | 2                          |
| 491                             | The role of the sympathetic nervous system in obesity-related hypertension. <b>2009</b> , 11, 206-11  | 103                        |
| 490                             | Resolution of systemic hypertension after laparoscopic gastric bypass. <b>2009</b> , 13, 793-7  | 64                         |
| 489                             | [Epidemiology and etiology of therapy-resistant hypertension]. 2009, 50, 7-16   | 6                          |
| 488                             | Iron behaving badly: inappropriate iron chelation as a major contributor to the aetiology of vascular and other progressive inflammatory and degenerative diseases. <b>2009</b> , 2, 2  | 349                        |
| 487                             | The obligatory role of the kidney in long-term arterial blood pressure control: extending Guyton's model of the circulation. <b>2009</b> , 64, 1218-28  | 15                         |
| 486                             | Sympathetic nervous system behavior in human obesity. <b>2009</b> , 33, 116-24  | 118                        |
| 485                             | Perinatal taurine alters arterial pressure control and renal function in adult offspring. Advances in  Experimental Medicine and Biology 2009, 643, 145-56.   | 21                         |
| 1 2                             | Experimental Medicine and Biology, <b>2009</b> , 643, 145-56  | 21                         |
| 484                             | Heme oxygenase: the key to renal function regulation. <b>2009</b> , 297, F1137-52   | 78                         |
|                                 | Experimental Medicine and Biology, 2009, 043, 143-30  |                            |
| 484                             | Heme oxygenase: the key to renal function regulation. <b>2009</b> , 297, F1137-52  Not all obese subjects of multiethnic origin are at similar risk for developing hypertension and type  | 78                         |
| 484                             | Heme oxygenase: the key to renal function regulation. <b>2009</b> , 297, F1137-52  Not all obese subjects of multiethnic origin are at similar risk for developing hypertension and type 2 diabetes. <b>2009</b> , 20, 289-95   | 78<br>27                   |
| 484<br>483<br>482               | Heme oxygenase: the key to renal function regulation. <b>2009</b> , 297, F1137-52  Not all obese subjects of multiethnic origin are at similar risk for developing hypertension and type 2 diabetes. <b>2009</b> , 20, 289-95  The complex interaction between overweight, hypertension, and sympathetic overactivity. <b>2009</b> , 3, 353-65  | 78<br>27<br>29             |
| 484<br>483<br>482<br>481        | Heme oxygenase: the key to renal function regulation. 2009, 297, F1137-52  Not all obese subjects of multiethnic origin are at similar risk for developing hypertension and type 2 diabetes. 2009, 20, 289-95  The complex interaction between overweight, hypertension, and sympathetic overactivity. 2009, 3, 353-65  Bariatric surgery and hypertension. 2009, 5, 615-20   | 78<br>27<br>29             |
| 484<br>483<br>482<br>481<br>480 | Heme oxygenase: the key to renal function regulation. 2009, 297, F1137-52  Not all obese subjects of multiethnic origin are at similar risk for developing hypertension and type 2 diabetes. 2009, 20, 289-95  The complex interaction between overweight, hypertension, and sympathetic overactivity. 2009, 3, 353-65  Bariatric surgery and hypertension. 2009, 5, 615-20  Essential hypertension: is there a role for inflammatory mechanisms?. 2009, 17, 216-21  Is kidney ischemia the central mechanism in parallel activation of the renin and sympathetic | 78<br>27<br>29<br>24<br>62 |

| 476 | Enhanced blood pressure and appetite responses to chronic central melanocortin-3/4 receptor blockade in dietary-induced obesity. <b>2010</b> , 28, 1466-70                | 22 |
|-----|---|----|
| 475 | Differential effects of insulin on sympathetic nerve activity in agouti obese mice. <b>2010</b> , 28, 1913-9  | 26 |
| 474 | Role of Adiponectin in Obesity, Hypertension, and Metabolic Syndrome. <b>2010</b> , 6, 110-117  |    |
| 473 | Belly fat and resistant hypertension. <b>2010</b> , 28, 1131-3  | 1  |
| 472 | Possible link between metabolic syndrome and chronic kidney disease in the elderly. <b>2010</b> , 6, 639-648  |    |
| 471 | Non-esterified fatty acids increase arterial pressure via central sympathetic activation in humans. <b>2009</b> , 118, 61-9   | 43 |
| 470 | The role of sympathetic nervous activity in renal injury and end-stage renal disease. 2010, 33, 521-8   | 72 |
| 469 | Drug mechanisms to help in managing resistant hypertension in obesity. <b>2010</b> , 12, 220-5  | 12 |
| 468 | Metabolic syndrome, dyslipidemia, hypertension and type 2 diabetes in youth: from diagnosis to treatment. <b>2010</b> , 2, 55   | 79 |
| 467 | Aldosterone antagonist decreases blood pressure and improves metabolic parameters in obese patients with the metabolic syndrome. <b>2010</b> , 12, 753-5                  | 9  |
| 466 | Renal cytokines improve early after bariatric surgery. <b>2010</b> , 97, 1838-44  | 40 |
| 465 | Clinical evaluation of lipids, lipoproteins and red blood cells sodium and potassium in patients with different grades of hypertension. <b>2010</b> , 43, 942-7           | 4  |
| 464 | Adult renal function is modified by perinatal taurine status in conscious male rats. <b>2010</b> , 17 Suppl 1, S31  | 9  |
| 463 | Abnormal expressions of circadian-clock and circadian clock-controlled genes in the livers and kidneys of long-term, high-fat-diet-treated mice. <b>2010</b> , 34, 227-39 | 83 |
| 462 | Could hypertension possibly be adaptive?. <b>2010</b> , 37, e99-e106  | 3  |
| 461 | Renin secretion and total body sodium: pathways of integrative control. <b>2010</b> , 37, e34-42  | 24 |
| 460 | Adiponectin deficiency, diastolic dysfunction, and diastolic heart failure. <b>2010</b> , 151, 322-31   | 65 |
| 459 | Renal sinus adiposity and hypertension. <i>Hypertension</i> , <b>2010</b> , 56, 814-5   | 5  |

## (2011-2010)

| 458 | Biomechanics of resistance artery wall remodeling in angiotensin-II hypertension and subsequent recovery. <b>2010</b> , 33, 37-47  | 3   |
|-----|--|-----|
| 457 | Gender dimorphic associations between N-terminal pro-brain natriuretic peptide, body mass index and blood pressure in children and adolescents. <b>2010</b> , 73, 341-8      | 13  |
| 456 | Neuroendocrine alterations in obese patients with sleep apnea syndrome. <b>2010</b> , 2010, 474518   | 52  |
| 455 | Inhibition of NAD(P)H oxidase potentiates AT2 receptor agonist-induced natriuresis in Sprague-Dawley rats. <b>2010</b> , 299, F815-20  | 17  |
| 454 | PPARgamma-dependent regulation of adenylate cyclase 6 amplifies the stimulatory effect of cAMP on renin gene expression. <b>2010</b> , 24, 2139-51                           | 14  |
| 453 | Minerals in plant food: effect of agricultural practices and role in human health. A review. <b>2010</b> , 30, 295-309   | 106 |
| 452 | Signaling mechanisms that link salt retention to hypertension: endogenous ouabain, the Na(+) pump, the Na(+)/Ca(2+) exchanger and TRPC proteins. <b>2010</b> , 1802, 1219-29 | 53  |
| 451 | Dietary therapy in hypertension. <b>2010</b> , 362, 2102-12  | 165 |
| 450 | Pathogenesis and clinical physiology of hypertension. <b>2010</b> , 28, 545-59   | 66  |
| 449 | Obesity-related hypertension: epidemiology, pathophysiology, and clinical management. <b>2010</b> , 23, 1170-8   | 233 |
| 448 | Weight loss and proteinuria: systematic review of clinical trials and comparative cohorts. <b>2010</b> , 25, 1173-83   | 167 |
| 447 | Obesity-induced hypertension: role of sympathetic nervous system, leptin, and melanocortins. <b>2010</b> , 285, 17271-6  | 325 |
| 446 | The obesity paradox. <b>2010</b> , 26, 583-96  | 91  |
| 445 | Renin Angiotensin System and Cardiovascular Disease. <b>2010</b> ,   | 2   |
| 444 | Physiology of kidney renin. <b>2010</b> , 90, 607-73   | 188 |
| 443 | Sympathetic nervous system overactivity and its role in the development of cardiovascular disease. <b>2010</b> , 90, 513-57  | 462 |
| 442 | Early physical activity promotes lower prevalence of chronic diseases in adulthood. <b>2010</b> , 33, 926-31   | 106 |
| 441 | AGE-RAGE interaction and oxidative stress in obesity-related renal dysfunction. <b>2011</b> , 80, 133-5  | 19  |

| 440                             | Obesity, metabolic syndrome and diabetic nephropathy. <b>2011</b> , 170, 28-35   | 62                   |
|---------------------------------|--|----------------------|
| 439                             | Sodium and water handling after gastric bypass surgery in a rat model. <b>2011</b> , 7, 68-73  | 23                   |
| 438                             | Nutrients, Dietary Supplements, and Nutriceuticals. 2011,  | 1                    |
| 437                             | A salt substitute with low sodium content from plant aqueous extracts. <b>2011</b> , 44, 537-543   | 24                   |
| 436                             | Management of metabolic syndrome in children and adolescents. <b>2011</b> , 21, 455-66   | 56                   |
| 435                             | Arterial hypertension in obesity: relationships with hormone and anthropometric parameters. <b>2011</b> , 18, 240-7  | 12                   |
| 434                             | [Kidney, adipose tissue, adipocyteswhat's new?]. <b>2011</b> , 7, 69-79  | 4                    |
| 433                             | [Renal consequences of obesity]. <b>2011</b> , 7, 80-5   | 8                    |
| 432                             | Obesity and obstetric anaesthesia. <b>2011</b> , 39, 559-70  | 20                   |
|                                 |  |                      |
| 431                             | From Abdominal Adiposity to Hypertension: Mechanisms and Clinical Implications. <b>2011</b> , 255-265  |                      |
| 431                             | From Abdominal Adiposity to Hypertension: Mechanisms and Clinical Implications. <b>2011</b> , 255-265  . <b>2011</b> ,   | 4                    |
|                                 |  | 16                   |
| 430                             | . 2011,  |                      |
| 430<br>429                      | . 2011,  Resistant hypertension and obstructive sleep apnea: the sparring partners. 2011, 2011, 947246  Vascular alterations in high-fat diet-obese rats: role of endothelial L-arginine/NO pathway. 2011,   | 16                   |
| 43°<br>429<br>428               | . 2011,  Resistant hypertension and obstructive sleep apnea: the sparring partners. 2011, 2011, 947246  Vascular alterations in high-fat diet-obese rats: role of endothelial L-arginine/NO pathway. 2011, 97, 40-5  | 16<br>19             |
| 43°<br>429<br>428<br>427        | . 2011,  Resistant hypertension and obstructive sleep apnea: the sparring partners. 2011, 2011, 947246  Vascular alterations in high-fat diet-obese rats: role of endothelial L-arginine/NO pathway. 2011, 97, 40-5  Resistant hypertension workup and approach to treatment. 2010, 2011, 598694   | 16<br>19<br>11       |
| 430<br>429<br>428<br>427<br>426 | . 2011,  Resistant hypertension and obstructive sleep apnea: the sparring partners. 2011, 2011, 947246  Vascular alterations in high-fat diet-obese rats: role of endothelial L-arginine/NO pathway. 2011, 97, 40-5  Resistant hypertension workup and approach to treatment. 2010, 2011, 598694  Hypertension in chronic kidney disease: navigating the evidence. 2011, 2011, 132405  Durable improvement of renal function after perindopril withdrawal in Lyon hypertensive rats. | 16<br>19<br>11<br>78 |

# (2011-2011)

| 422 | The conflicting effects of maternal nutrient restriction and early-life obesity on renal health. <b>2011</b> , 70, 268-75  |     | 2   |
|-----|--|-----|-----|
| 421 | Oedema in obesity; role of structural lymphatic abnormalities. <b>2011</b> , 35, 1247-50   |     | 21  |
| 420 | Development of a low-sodium ready-to-eat desalted cod. <b>2011</b> , 107, 304-310  |     | 14  |
| 419 | Natriuretic peptide system: a link between fat mass and cardiac hypertrophy and hypertension in fat-fed female rats. <b>2011</b> , 167, 149-55                         |     | 6   |
| 418 | Metabolic abnormalities associated with obesity in children and adolescents in Jordan. <b>2011</b> , 6, 215-22   |     | 8   |
| 417 | Management of hypertension in patients with coronary artery disease. <b>2011</b> , 9, 1271-7   |     | 4   |
| 416 | Sympathetic neural mechanisms in human blood pressure regulation. <b>2011</b> , 13, 237-43   |     | 34  |
| 415 | High fat diet enhances cardiac abnormalities in SHR rats: Protective role of heme oxygenase-adiponectin axis. <b>2011</b> , 3, 37                                      |     | 31  |
| 414 | Hypertension and angiogenesis in the aging kidney: a review. <b>2011</b> , 52, e93-102   |     | 13  |
| 413 | Relationships between renin, aldosterone, and 24-hour ambulatory blood pressure in obese adolescents. <b>2011</b> , 69, 336-40   |     | 30  |
| 412 | Combination therapy for managing difficult-to-treat patients with stage 2 hypertension: focus on valsartan-based combinations. <b>2011</b> , 18, e227-43               |     | 1   |
| 411 | Adipocyte-derived factors regulate vascular smooth muscle cells through mineralocorticoid and glucocorticoid receptors. <i>Hypertension</i> , <b>2011</b> , 58, 479-88 | 8.5 | 56  |
| 410 | Intensified effect of adiposity on blood pressure in overweight and obese children. <i>Hypertension</i> , <b>2011</b> , 58, 818-24                                     | 8.5 | 108 |
| 409 | Dopamine receptors: important antihypertensive counterbalance against hypertensive factors. <i>Hypertension</i> , <b>2011</b> , 57, 11-7                               | 8.5 | 75  |
| 408 | Ca2+ regulatory mechanisms of exercise protection against coronary artery disease in metabolic syndrome and diabetes. <b>2011</b> , 111, 573-86                        |     | 40  |
| 407 | Central Pressure and Biomarker Responses to Renin Inhibition with Hydrochlorothiazide and Ramipril in Obese Hypertensives: The ATTAIN Study. <b>2011</b> , 1, 53-66    |     | 9   |
| 406 | Regulation of sodium transport in the proximal tubule by endothelin. <b>2011</b> , 172, 63-75  |     | 8   |
| 405 | Towards a definition of glomerulomegaly: clinical-pathological and methodological considerations. <b>2011</b> , 26, 2202-8   |     | 21  |

| 404 | Different natriuretic responses in obese and lean rats in response to nitric oxide reduction. <b>2011</b> , 24, 943-50  |     | 3  |
|-----|---|-----|----|
| 403 | Salt intake in children. <b>2011</b> , 34, 797-8  |     | 2  |
| 402 | Possible Link between Metabolic Syndrome and Chronic Kidney Disease in the Development of Cardiovascular Disease. <b>2010</b> , 2011,   |     | 7  |
| 401 | Impact of leptin-mediated sympatho-activation on cardiovascular function in obese mice.  Hypertension, <b>2011</b> , 58, 271-9  | 8.5 | 71 |
| 400 | Essential hypertension in adolescents and children: Recent advances in causative mechanisms. <b>2011</b> , 15 Suppl 4, S367-73  |     | 19 |
| 399 | Role of myosin light chain kinase in regulation of basal blood pressure and maintenance of salt-induced hypertension. <b>2011</b> , 301, H584-91  |     | 48 |
| 398 | A brain leptin-renin angiotensin system interaction in the regulation of sympathetic nerve activity. <b>2012</b> , 303, H197-206  |     | 87 |
| 397 | Obesity and cardiovascular risk in children and adolescents. <b>2012</b> , 16, 13-9   |     | 78 |
| 396 | Factors associated with glomerular hyperfiltration in the early stage of hypertension. <b>2012</b> , 25, 1011-6   |     | 28 |
| 395 | Oxidative stress and heme oxygenase-1 regulated human mesenchymal stem cells differentiation. <b>2012</b> , 2012, 890671  |     | 42 |
| 394 | Association of body mass index with glomerular filtration rate in Japanese: a cross-sectional study in work-site population. <b>2012</b> , 34, 140-4                                      |     | 1  |
| 393 | "From apennines to andes:" does body mass index affect the relationship between age and blood pressure?. <i>Hypertension</i> , <b>2012</b> , 60, 6-7                                      | 8.5 | 5  |
| 392 | Renal responses to chronic suppression of central sympathetic outflow. <i>Hypertension</i> , <b>2012</b> , 60, 749-56   | 8.5 | 27 |
| 391 | Blunted renal dopaminergic system in a mouse model of diet-induced obesity. <b>2012</b> , 237, 949-55   |     | 7  |
| 390 | The influence of sex on early stage markers of kidney dysfunction in response to juvenile obesity. <i>Hypertension</i> , <b>2012</b> , 60, 991-7  | 8.5 | 16 |
| 389 | ApoA1: mimetic peptide reverses adipocyte dysfunction in vivo and in vitro via an increase in heme oxygenase (HO-1) and Wnt10b. <b>2012</b> , 11, 706-14                                  |     | 20 |
| 388 | The development of hypertension and hyperaldosteronism in a rodent model of life-long obesity. <b>2012</b> , 153, 1764-73   |     | 25 |
| 387 | WITHDRAWN: Cardio-cerebrovascular protective effects of valsartan in high-risk hypertensive patients with overweight/obesity: A post-hoc analysis of the KYOTO HEART Study. <b>2012</b> , |     | 3  |

| 386         | Glomerular hyperfiltration: a marker of early renal damage in pre-diabetes and pre-hypertension. <b>2012</b> , 27, 1708-14   |     | 135 |  |
|-------------|--|-----|-----|--|
| 385         | Does blood pressure inevitably rise with age?: longitudinal evidence among forager-horticulturalists. <i>Hypertension</i> , <b>2012</b> , 60, 25-33  | 8.5 | 89  |  |
| 384         | Relationship between the preoperative body mass index and the resolution of metabolic syndrome following Roux-en-Y gastric bypass. <b>2012</b> , 10, 292-6   |     | 6   |  |
| 383         | Common variants of the UMOD promoter associated with blood pressure in a community-based Chinese cohort. <b>2012</b> , 35, 769-74  |     | 18  |  |
| 382         | The angiotensin type 2 receptor weighs in on obesity: a promising therapeutic target?. <b>2012</b> , 35, 582-4   |     | 1   |  |
| 381         | Heme oxygenase gene targeting to adipocytes attenuates adiposity and vascular dysfunction in mice fed a high-fat diet. <i>Hypertension</i> , <b>2012</b> , 60, 467-75  | 8.5 | 79  |  |
| <b>3</b> 80 | Prediction model with metabolic syndrome to predict recurrent vascular events in patients with clinically manifest vascular diseases. <b>2012</b> , 19, 1486-95  |     | 2   |  |
| 379         | Inflammation and oxidative stress in obesity-related glomerulopathy. <b>2012</b> , 2012, 608397  |     | 63  |  |
| 378         | Joint statement of the European Association for the Study of Obesity and the European Society of Hypertension: obesity and difficult to treat arterial hypertension. <b>2012</b> , 30, 1047-55   |     | 95  |  |
| 377         | New developments in the diagnosis and management of resistant hypertension. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 1210-8  | 4.3 | 5   |  |
| 376         | Effects of ACE-inhibitors and angiotensin receptor blockers on inflammation. 2012, 18, 4385-413  |     | 80  |  |
| 375         | Increased systolic blood pressure in rat offspring following a maternal low-protein diet is normalized by maternal dietary choline supplementation. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2012</b> , 3, 342-9 | 2.4 | 26  |  |
| 374         | Serum cystatin C in relation to fat mass loss after bariatric surgery. <b>2012</b> , 84, 202-7   |     | 7   |  |
| 373         | A semiparametric regression model for paired longitudinal outcomes with application in childhood blood pressure development. <b>2012</b> , 6,  |     | 9   |  |
| 372         | Dietary sodium intake and cardiovascular mortality: controversy resolved?. 2012, 25, 727-34  |     | 52  |  |
| 371         | High-fat diet exacerbates renal dysfunction in SHR: reversal by induction of HO-1-adiponectin axis. <b>2012</b> , 20, 945-53   |     | 25  |  |
| 37°         | Ambulatory blood pressure monitoring and cardiac hypertrophy in children with metabolic syndrome. <b>2012</b> , 27, 1929-35  |     | 14  |  |
| 369         | Obesity, vascular changes, and elevated blood pressure. <b>2012</b> , 60, 2651-2   |     | 2   |  |

| 368                             | Intrathecal neurotensin is hypotensive, sympathoinhibitory and enhances the baroreflex in anaesthetized rat. <b>2012</b> , 166, 378-89  | 16             |
|---------------------------------|---|----------------|
| 367                             | Overexpression of HIF-1 <del>L</del> ransgene in the renal medulla attenuated salt sensitive hypertension in Dahl S rats. <b>2012</b> , 1822, 936-41  | 21             |
| 366                             | Prevalence of metabolic syndrome in a population of obese children and adolescents. 2012, 59, 155-159   | 15             |
| 365                             | Central resistin enhances renal sympathetic nerve activity via phosphatidylinositol 3-kinase but reduces the activity to brown adipose tissue via extracellular signal-regulated kinase 1/2. <b>2012</b> , 24, 1432-9   | 20             |
| 364                             | Overexpression of HIF prolyl-hydoxylase-2 transgene in the renal medulla induced a salt sensitive hypertension. <b>2012</b> , 16, 2701-7  | 19             |
| 363                             | Hypertension: physiology and pathophysiology. <b>2012</b> , 2, 2393-442   | 145            |
| 362                             | Changes in baroreflex control of renal sympathetic nerve activity in high-fat-fed rats as a predictor of hypertension. <b>2012</b> , 20, 1591-7   | 31             |
| 361                             | [Prevalence of metabolic syndrome in a population of obese children and adolescents]. 2012, 59, 155-9   | 14             |
| 360                             | Resistant Hypertension: Etiology, Evaluation and Management. <b>2012</b> , 65-73  |                |
|                                 |   |                |
| 359                             | Diabetes and Hypertension. 2012,  | O              |
| 359<br>358                      | Diabetes and Hypertension. 2012,  Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERRIand thick ascending limb function. 2012, 7, e34223   | 0              |
|                                 | Expression profile of nuclear receptors along male mouse nephron segments reveals a link  |                |
| 358                             | Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERR(and thick ascending limb function. 2012, 7, e34223  Gastric bypass surgery is followed by lowered blood pressure and increased diuresis - long term  | 15             |
| 358<br>357                      | Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERR@nd thick ascending limb function. 2012, 7, e34223  Gastric bypass surgery is followed by lowered blood pressure and increased diuresis - long term results from the Swedish Obese Subjects (SOS) study. 2012, 7, e49696  | 15<br>79       |
| 358<br>357<br>356               | Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERR[and thick ascending limb function. 2012, 7, e34223  Gastric bypass surgery is followed by lowered blood pressure and increased diuresis - long term results from the Swedish Obese Subjects (SOS) study. 2012, 7, e49696  Mechanisms of endothelial dysfunction in obesity-associated hypertension. 2012, 45, 392-400  Resistant Hypertension, Elevated Aldosterone/Renin Ratio and Reduced RGS2: A Pathogenetic Link  | 15<br>79       |
| 358<br>357<br>356<br>355        | Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERRIand thick ascending limb function. 2012, 7, e34223  Gastric bypass surgery is followed by lowered blood pressure and increased diuresis - long term results from the Swedish Obese Subjects (SOS) study. 2012, 7, e49696  Mechanisms of endothelial dysfunction in obesity-associated hypertension. 2012, 45, 392-400  Resistant Hypertension, Elevated Aldosterone/Renin Ratio and Reduced RGS2: A Pathogenetic Link Deserving Further Investigations?. 2012,  Measurements of Salinity and Salt Content by Menu Types Served at Industry Foodservice   | 15<br>79<br>43 |
| 358<br>357<br>356<br>355<br>354 | Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERRIand thick ascending limb function. 2012, 7, e34223  Gastric bypass surgery is followed by lowered blood pressure and increased diuresis - long term results from the Swedish Obese Subjects (SOS) study. 2012, 7, e49696  Mechanisms of endothelial dysfunction in obesity-associated hypertension. 2012, 45, 392-400  Resistant Hypertension, Elevated Aldosterone/Renin Ratio and Reduced RGS2: A Pathogenetic Link Deserving Further Investigations?. 2012,  Measurements of Salinity and Salt Content by Menu Types Served at Industry Foodservice Operations in Daegu. 2012, 17, 637  Cardiovascular and Renal Complications in Obesity and Obesity-Related Medical Conditions: Role of | 15<br>79<br>43 |

| 350                      | The effect of weight loss in obesity and chronic kidney disease. <b>2012</b> , 14, 170-6   | 19                      |
|--------------------------|--|-------------------------|
| 349                      | Influence of resting energy expenditure on blood pressure is independent of body mass and a marker of sympathetic tone. <b>2012</b> , 61, 237-41   | 3                       |
| 348                      | A controlled clinical trial of the effect of gastric bypass surgery and intensive lifestyle intervention on nocturnal hypertension and the circadian blood pressure rhythm in patients with morbid obesity. <b>2012</b> , 151, 674-80  | 16                      |
| 347                      | Resistant Hypertension. <b>2013</b> ,  | 1                       |
| 346                      | Hypertension in children and adolescents: epidemiology and pathogenesis. 2013, 80 Suppl 1, S71-6   | 21                      |
| 345                      | The changing face of pediatric hypertension in the era of the childhood obesity epidemic. <b>2013</b> , 28, 1059-66  | 136                     |
| 344                      | Impact of obesity on cardiovascular health. <b>2013</b> , 27, 147-56   | 38                      |
| 343                      | The longer-term effects of Roux-en-Y gastric bypass surgery on sodium excretion. <b>2013</b> , 23, 358-64  | 6                       |
| 342                      | Renal vascular structure and rarefaction. <b>2013</b> , 3, 817-31  | 69                      |
|                          |  |                         |
| 341                      | Resistant hypertension: underlying causes and treatment. <b>2013</b> , 63, 217-23  | 8                       |
| 340                      | Resistant hypertension: underlying causes and treatment. <b>2013</b> , 63, 217-23  Endocrine Hypertension. <b>2013</b> ,   | 2                       |
|                          |  |                         |
| 340                      | Endocrine Hypertension. 2013,  Age-dependent effect of high-fructose and high-fat diets on lipid metabolism and lipid  | 2                       |
| 340                      | Endocrine Hypertension. 2013,  Age-dependent effect of high-fructose and high-fat diets on lipid metabolism and lipid accumulation in liver and kidney of rats. 2013, 12, 136  | 74                      |
| 340<br>339<br>338        | Endocrine Hypertension. 2013,  Age-dependent effect of high-fructose and high-fat diets on lipid metabolism and lipid accumulation in liver and kidney of rats. 2013, 12, 136  Treatment of hypertension in obese patients. 2013, 13, 163-75  Control of metabolic and cardiovascular function by the leptin-brain melanocortin pathway. 2013,   | 2<br>74<br>8            |
| 340<br>339<br>338<br>337 | Endocrine Hypertension. 2013,  Age-dependent effect of high-fructose and high-fat diets on lipid metabolism and lipid accumulation in liver and kidney of rats. 2013, 12, 136  Treatment of hypertension in obese patients. 2013, 13, 163-75  Control of metabolic and cardiovascular function by the leptin-brain melanocortin pathway. 2013, 65, 692-8   | 2<br>74<br>8<br>26      |
| 340<br>339<br>338<br>337 | Endocrine Hypertension. 2013,  Age-dependent effect of high-fructose and high-fat diets on lipid metabolism and lipid accumulation in liver and kidney of rats. 2013, 12, 136  Treatment of hypertension in obese patients. 2013, 13, 163-75  Control of metabolic and cardiovascular function by the leptin-brain melanocortin pathway. 2013, 65, 692-8  Closed-loop control of renal perfusion pressure in physiological experiments. 2013, 60, 1776-84  The smooth muscle-selective RhoGAP GRAF3 is a critical regulator of vascular tone and | 2<br>74<br>8<br>26<br>3 |

| 332 | Adiposity has unique influence on the renin-aldosterone axis and blood pressure in black children. <b>2013</b> , 163, 1317-22.e1                              | 11  |
|-----|---|-----|
| 331 | Pr☑alence de troubles mEaboliques chez des patients schizophrEies. <b>2013</b> , 13, 34-35  | 1   |
| 330 | Physiology and Pathophysiology of Hypertension. <b>2013</b> , 1319-1352   | 4   |
| 329 | Role of adipokines in cardiovascular disease. <b>2013</b> , 216, T17-36   | 179 |
| 328 | Obesity-Associated Hypertension. <b>2013</b> , 251-288  | 5   |
| 327 | Omega-3 polyunsaturated fatty acid has an anti-oxidant effect via the Nrf-2/HO-1 pathway in 3T3-L1 adipocytes. <b>2013</b> , 430, 225-30                      | 67  |
| 326 | Adipokines as a link between obesity and chronic kidney disease. <b>2013</b> , 305, F1629-36  | 87  |
| 325 | Novel metabolic drugs and blood pressure: implications for the treatment of obese hypertensive patients?. <b>2013</b> , 15, 470-4                             | 5   |
| 324 | Resistant Hypertension. <b>2013</b> , 7, 354-363  | 1   |
| 323 | Urinary prostasin excretion is associated with adiposity in nonhypertensive African-American adolescents. <b>2013</b> , 74, 206-10                            | О   |
| 322 | Selective leptin resistance revisited. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2013</b> , 305, R566-81 | 111 |
| 321 | Insulin resistance and the relationship between urinary Na(+)/K(+) and ambulatory blood pressure in a community of African ancestry. <b>2013</b> , 26, 708-16 | 12  |
| 320 | Renal dopamine and angiotensin II receptor signaling in age-related hypertension. 2013, 304, F1-7   | 19  |
| 319 | Salt and obesity revisited. <b>2013</b> , 31, 2130-2  | 1   |
| 318 | Dietary pattern and blood pressure levels of adolescents in Sohag, Egypt. <b>2013</b> , 88, 97-103  | 12  |
| 317 | Role of leptin and central nervous system melanocortins in obesity hypertension. <b>2013</b> , 22, 135-40   | 49  |
| 316 | Role of the kidney in hypertension. <b>2013</b> , 66-83   |     |
| 315 | Interaction of stress and dietary NaCl intake in hypertension: renal neural mechanisms. 2013, 3, 1741-8   | 6   |

### (2014-2013)

| 314 | Central body fat distribution associates with unfavorable renal hemodynamics independent of body mass index. <b>2013</b> , 24, 987-94   |     | 48  |
|-----|---|-----|-----|
| 313 | PPARgamma-Dependent Control of Renin Expression: Molecular Mechanisms and Pathophysiological Relevance. <b>2013</b> , 2013, 451016  |     | 3   |
| 312 | Adiponectin levels and the risk of hypertension: a systematic review and meta-analysis. <i>Hypertension</i> , <b>2013</b> , 62, 27-32   | 8.5 | 101 |
| 311 | Modernization and hypertension: is the link changing?. <b>2013</b> , 36, 676-8  |     | 2   |
| 310 | Suboptimal maternal nutrition during early fetal kidney development specifically promotes renal lipid accumulation following juvenile obesity in the offspring. <b>2013</b> , 25, 728-36              |     | 8   |
| 309 | BICHEMICAL ALTERATIONS INDUCED BY AMYLIN IN WISTAR RATS. <b>2013</b> , 8, 64-72   |     | 1   |
| 308 | Prevalence of Hypertension and Association with Increased Body Mass in a Semi-Urban Settlement in Nigeria. <b>2013</b> , 03,  |     |     |
| 307 | Preliminary blood pressure screening in a representative sample of extremely obese Kuwaiti adolescents. <b>2013</b> , 2013, 968754  |     | 3   |
| 306 | CINNAMON EXTRACT REGULATES GENE EXPRESSION OF LIPID AND CARBOHYDRATE METABOLISM IN STREPTOZOTOCIN INDUCED DIABETIC WISTAR RATS. <b>2013</b> , 9, 172-182  |     | 6   |
| 305 | Predicting increased blood pressure using machine learning. <b>2014</b> , 2014, 637635  |     | 48  |
| 304 | Relationship between serum creatinine and obesity in children in Xinjiang, China. <b>2014</b> , 13, 2409-16   |     | 5   |
| 303 | The therapeutic role of Renin-Angiotensin System blockers in obesity- related renal disorders. <b>2014</b> , 9, 2-9   |     | 15  |
| 302 | Pathophysiology of Hypertension. <b>2014</b> , 1-54   |     |     |
| 301 | Prevention of obesity-induced renal injury in male mice by DPP4 inhibition. <b>2014</b> , 155, 2266-76  |     | 40  |
| 300 | CYP2J2 targeting to endothelial cells attenuates adiposity and vascular dysfunction in mice fed a high-fat diet by reprogramming adipocyte phenotype. <i>Hypertension</i> , <b>2014</b> , 64, 1352-61 | 8.5 | 56  |
| 299 | Glucocorticoids and renal Na+ transport: implications for hypertension and salt sensitivity. <b>2014</b> , 592, 1731-44   |     | 38  |
| 298 | Sympathetic activation in resistant hypertension: theory and therapy. <b>2014</b> , 34, 550-9   |     | 11  |
| 297 | Adipokines: novel players in resistant hypertension. <b>2014</b> , 16, 754-9  |     | 22  |

| 296 | Resistant hypertension and associated comorbidities in a veterans affairs population. <b>2014</b> , 16, 741-5   | 22  |
|-----|---|-----|
| 295 | The brain melanocortin system, sympathetic control, and obesity hypertension. <b>2014</b> , 29, 196-202   | 31  |
| 294 | Obesity, hypertension, and chronic kidney disease. <b>2014</b> , 7, 75-88   | 258 |
| 293 | Blood Pressure Regulation in Abdominal Obesity. <b>2014</b> , 151-161   |     |
| 292 | Renal Vascular Disease. <b>2014</b> ,   | 1   |
| 291 | Studies on replacement of sodium chloride with potassium chloride in lemon (Citrus limon) pickles. <b>2014</b> , 33, 32   | 1   |
| 290 | Silencing of HIF prolyl-hydroxylase 2 gene in the renal medulla attenuates salt-sensitive hypertension in Dahl S rats. <b>2014</b> , 27, 107-13   | 21  |
| 289 | Atherosclerotic markers in obese and nonobese children and relationship with nighttime hypertension. <b>2014</b> , 23, 584  | 1   |
| 288 | Obesity and heterozygous endothelial overexpression of prepro-endothelin-1 modulate responsiveness of mouse main and segmental renal arteries to vasoconstrictor agents. <i>Life Sciences</i> 6.8 , <b>2014</b> , 118, 206-12 | 8   |
| 287 | The prevalence, incidence, prognosis, and associated conditions of resistant hypertension. <b>2014</b> , 34, 247-56   | 19  |
| 286 | Dysfonctions du systine nerveux sympathique et de la signalisation catilholaminergique chez lbbBe. <b>2014</b> , 9, 14-30   |     |
| 285 | Diabetic Nephropathy: Scope of the Problem. <b>2014</b> , 9-14  | 4   |
| 284 | Obesity-related hypertension: possible pathophysiological mechanisms. <b>2014</b> , 223, R63-78   | 86  |
| 283 | Design, Synthesis, and Evaluation of 4- and 5-Substituted -(Octanesulfonamido)benzoic Acids as Inhibitors of Glycerol-3-Phosphate Acyltransferase. <b>2014</b> , 5, 826-830   | 3   |
| 282 | Association between prehypertension, metabolic and inflammatory markers, decreased adiponectin and enhanced insulinemia in obese subjects. <b>2014</b> , 11, 25   | 16  |
| 281 | HDL2-cholesterol/HDL3-cholesterol ratio was associated with insulin resistance, high-molecular-weight adiponectin, and components for metabolic syndrome in Japanese. <b>2014</b> , 106, 360-5                                | 20  |
| 280 | Resting energy expenditure and systolic blood pressure relationships in women across 4.5 years. <b>2014</b> , 16, 172-6   | 4   |
| 279 | Nutraceuticals and regulation of adipocyte life: premises or promises. <b>2014</b> , 40, 398-418  | 27  |

| 278 | Subclinical atherosclerosis and ambulatory blood pressure in children with metabolic syndrome. <b>2014</b> , 29, 2197-204   | 18 |
|-----|---|----|
| 277 | Hemodynamic effects of aqueous extract of Artemisia campestris in adult men. 2014,  |    |
| 276 | Orexin-A controls sympathetic activity and eating behavior. <b>2014</b> , 5, 997  | 60 |
| 275 | The Thiazide-Sensitive Co-Transporter Promotes the Development of Sodium Retention in Mice with Diet-Induced Obesity. <b>2015</b> , 40, 509-19                            | 8  |
| 274 | Diet induced obesity in rats reduces NHE3 and Na(+) $/K(+)$ -ATPase expression in the kidney. <b>2015</b> , 42, 1118-26   | 9  |
| 273 | Prevalence and characteristics of resistant hypertension at primary clinics in Korea: a nationwide cross-sectional study. <b>2015</b> , 22, 4                             | 3  |
| 272 | Blockade of the renin-angiotensin system in small arteries and anticontractile function of perivascular adipose tissue. <b>2015</b> , 33, 1039-45                         | 18 |
| 271 | The effects of anti-obesity intervention with orlistat and sibutramine on microvascular endothelial function. <b>2015</b> , 59, 323-34                                    | 11 |
| 270 | New developments in the pathogenesis of obesity-induced hypertension. <b>2015</b> , 33, 1499-508  | 56 |
| 269 | Data-analytically derived flexible HbA1c thresholds for type 2 diabetes mellitus diagnostic. <b>2015</b> , 5,   | 3  |
| 268 | Serum Adiponectin and Leptin Concentrations in Relation to Body Fat Distribution, Hematological Indices and Lipid Profile in Humans. <b>2015</b> , 12, 11528-48           | 36 |
| 267 | Renal hemodynamic and morphological changes after 7 and 28 days of leptin treatment: the participation of angiotensin II via the AT1 receptor. <b>2015</b> , 10, e0122265 | 13 |
| 266 | Impact of obesity on kidney function and blood pressure in children. <i>World Journal of Nephrology</i> , <b>2015</b> , 4, 223-9  | 18 |
| 265 | Receptor for advanced glycation endproducts and progressive kidney disease. <b>2015</b> , 24, 54-60   | 29 |
| 264 | Pathophysiology of Hypertension. <b>2015</b> , 655-683  | 2  |
| 263 | Candidate genes for hypertension: insights from the Dahl S rat. <b>2015</b> , 309, F993-5   | 10 |
| 262 | The impacts of obesity on the cardiovascular and renal systems: cascade of events and therapeutic approaches. <b>2015</b> , 17, 7   | 19 |
| 261 | Leptin in pregnancy and development: a contributor to adulthood disease?. <b>2015</b> , 308, E335-50  | 64 |

| 260   | Antidiabetic Efficacy of Aqueous Fruit Extract of Amla (Emblica officinalis, Gaertn) in Streptozotocin-Induced Diabetes Mellitus in Male Rats. <b>2015</b> , 14, 801   | 1                         |
|---|--|---------------------------|
| 259   | Blood pressure and mortality: using offspring blood pressure as an instrument for own blood pressure in the HUNT study. <b>2015</b> , 5, 12399   | 8                         |
| 258   | Anti-hypertensive and renoprotective effects of berberine in spontaneously hypertensive rats. <b>2015</b> , 37, 332-9  | 25                        |
| 257   | Sorting nexin 5 and dopamine d1 receptor regulate the expression of the insulin receptor in human renal proximal tubule cells. <b>2015</b> , 156, 2211-21  | 12                        |
| 256   | Reduced carotid baroreceptor distensibility-induced baroreflex resetting contributes to impairment of sodium regulation in rats fed a high-fat diet. <b>2015</b> , 308, H942-50  | 4                         |
| 255   | Should the sympathetic nervous system be a target to improve cardiometabolic risk in obesity?. <b>2015</b> , 309, H244-58  | 57                        |
| 254   | Spinal NF- <b>B</b> and chemokine ligand 5 expression during spinal glial cell activation in a neuropathic pain model. <b>2015</b> , 10, e0115120  | 26                        |
| 253   | Obesity-induced hypertension: interaction of neurohumoral and renal mechanisms. <b>2015</b> , 116, 991-1006  | 571                       |
| 252   | Deficiency of angiotensinogen in hepatocytes markedly decreases blood pressure in lean and obese male mice. <i>Hypertension</i> , <b>2015</b> , 66, 836-42   | 25                        |
|   |  |                           |
| 251   | Leptin. <b>2015</b> ,  | 2                         |
| 251<br>250  | Leptin. 2015,  Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. 2015, 37, 249-59   | 10                        |
|   | Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG   |                           |
| 250   | Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. <b>2015</b> , 37, 249-59  Adipokines, vascular wall, and cardiovascular disease: a focused overview of the role of adipokines   | 10                        |
| 250<br>249  | Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. 2015, 37, 249-59  Adipokines, vascular wall, and cardiovascular disease: a focused overview of the role of adipokines in the pathophysiology of cardiovascular disease. 2015, 66, 8-24  Biological roles and therapeutic potential of G protein-coupled receptors for free fatty acids and  | 10                        |
| <ul><li>250</li><li>249</li><li>248</li></ul>                         | Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. 2015, 37, 249-59  Adipokines, vascular wall, and cardiovascular disease: a focused overview of the role of adipokines in the pathophysiology of cardiovascular disease. 2015, 66, 8-24  Biological roles and therapeutic potential of G protein-coupled receptors for free fatty acids and metabolic intermediates. 2016, 5, 213-227  | 10<br>19<br>5             |
| <ul><li>250</li><li>249</li><li>248</li><li>247</li></ul>             | Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. 2015, 37, 249-59  Adipokines, vascular wall, and cardiovascular disease: a focused overview of the role of adipokines in the pathophysiology of cardiovascular disease. 2015, 66, 8-24  Biological roles and therapeutic potential of G protein-coupled receptors for free fatty acids and metabolic intermediates. 2016, 5, 213-227  Angiotensin II Stimulation of DPP4 Activity Regulates Megalin in the Proximal Tubules. 2016, 17,  High-fat diet-induced hypertension and autonomic imbalance are associated with an upregulation  | 10<br>19<br>5<br>20       |
| <ul><li>250</li><li>249</li><li>248</li><li>247</li><li>246</li></ul> | Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. 2015, 37, 249-59  Adipokines, vascular wall, and cardiovascular disease: a focused overview of the role of adipokines in the pathophysiology of cardiovascular disease. 2015, 66, 8-24  Biological roles and therapeutic potential of G protein-coupled receptors for free fatty acids and metabolic intermediates. 2016, 5, 213-227  Angiotensin II Stimulation of DPP4 Activity Regulates Megalin in the Proximal Tubules. 2016, 17,  High-fat diet-induced hypertension and autonomic imbalance are associated with an upregulation of CART in the dorsomedial hypothalamus of mice. 2016, 4, e12811  An Analysis of Anthropometric Indicators and Modifiable Lifestyle Parameters Associated with | 10<br>19<br>5<br>20<br>25 |

## (2016-2016)

| 242 | TMEM16A contributes to angiotensin II-induced cerebral vasoconstriction via the RhoA/ROCK signaling pathway. <b>2016</b> , 13, 3691-9                            | 14 |
|-----|--|----|
| 241 | The gene-expression profile of renal medulla in ISIAH rats with inherited stress-induced arterial hypertension. <b>2016</b> , 17, 151                            | 6  |
| 240 | Pathways from parental educational attainment to adolescent blood pressure. <b>2016</b> , 34, 1787-95  | 8  |
| 239 | Oxidized HDL is a potent inducer of adipogenesis and causes activation of the Ang-II and 20-HETE systems in human obese females. <b>2016</b> , 123, 68-77        | 27 |
| 238 | EETs/sEH in diabetes and obesity-induced cardiovascular diseases. <b>2016</b> , 125, 80-9  | 31 |
| 237 | Obesity, Vascular Changes, and the Development of Atherosclerosis. <b>2016</b> , 168, 5-6  | 5  |
| 236 | Mitochondrial Cyclophilin D in Vascular Oxidative Stress and Hypertension. <i>Hypertension</i> , <b>2016</b> , 67, 1218원경  | 49 |
| 235 | Chronic fish oil supplementation partially reverses renal alterations in mice fed with a high-fat diet. <b>2016</b> , 26, 196-207                                | 5  |
| 234 | An alternative hypothesis to the widely held view that renal excretion of sodium accounts for resistance to salt-induced hypertension. <b>2016</b> , 90, 965-973 | 25 |
| 233 | Hypertension in Chronic Kidney Disease. Advances in Experimental Medicine and Biology, 2017, 956, 307-3326   | 51 |
| 232 | PGC-1 alpha regulates HO-1 expression, mitochondrial dynamics and biogenesis: Role of epoxyeicosatrienoic acid. <b>2016</b> , 125, 8-18                          | 70 |
| 231 | Logical Issues With the Pressure Natriuresis Theory of Chronic Hypertension. <b>2016</b> , 29, 1325-1331   | 16 |
| 230 | Consequences of morbid obesity on the kidney. Where are we going?. <b>2016</b> , 9, 782-787  | 10 |
| 229 | Potato intake and incidence of hypertension: results from three prospective US cohort studies. <b>2016</b> , 353, i2351  | 55 |
| 228 | Polymorphisms at the F12 and KLKB1 loci have significant trait association with activation of the renin-angiotensin system. <b>2016</b> , 17, 21                 | 10 |
| 227 | Obesity-Induced Hypertension: Brain Signaling Pathways. <b>2016</b> , 18, 58   | 38 |
| 226 | Na+-sensitive elevation in blood pressure is ENaC independent in diet-induced obesity and insulin resistance. <b>2016</b> , 310, F812-20                         | 16 |
| 225 | The Gastrointestinal Tract: an Initial Organ of Metabolic Hypertension?. <b>2016</b> , 38, 1681-94   | 26 |

| 224 | Comparative transcriptional profiling of renal cortex in rats with inherited stress-induced arterial hypertension and normotensive Wistar Albino Glaxo rats. <b>2016</b> , 17 Suppl 1, 12       | 9   |
|-----|---|-----|
| 223 | Perioperative Anesthetic Care of the Obese Patient. <b>2016</b> ,   | 1   |
| 222 | Physicochemical Properties, Minerals, Trace Elements, and Heavy Metals in Honey of Different Origins: A Comprehensive Review. <b>2016</b> , 15, 219-233   | 127 |
| 221 | Renal Dysfunction, Rather Than Nonrenal Vascular Dysfunction, Mediates Salt-Induced Hypertension. <b>2016</b> , 133, 894-906  | 92  |
| 220 | The Role of Aldosterone in Obesity-Related Hypertension. <b>2016</b> , 29, 415-23   | 78  |
| 219 | Transcutaneous Bilirubinometry for Preterm Infants-Are There More Things to Consider?. <b>2016</b> , 168, 6-7   | 1   |
| 218 | Impact of Adiposity on Incident Hypertension Is Modified by Insulin Resistance in Adults: Longitudinal Observation From the Bogalusa Heart Study. <i>Hypertension</i> , <b>2016</b> , 67, 56-62 | 20  |
| 217 | Translational Significance of Heme Oxygenase in Obesity and Metabolic Syndrome. <b>2016</b> , 37, 17-36   | 91  |
| 216 | Obesity. <b>2016</b> ,  | 4   |
| 215 | The effects of the aqueous extract and residue of Matcha on the antioxidant status and lipid and glucose levels in mice fed a high-fat diet. <b>2016</b> , 7, 294-300                           | 18  |
| 214 | Normotension, hypertension and body fluid regulation: brain and kidney. <b>2017</b> , 219, 288-304  | 25  |
| 213 | An update on the assessment and management of metabolic syndrome, a growing medical emergency in paediatric populations. <b>2017</b> , 119, 99-117  | 35  |
| 212 | High aminopeptidase A activity contributes to blood pressure control in mice by AT receptor-dependent mechanism. <b>2017</b> , 312, H437-H445   | 7   |
| 211 | Neural Programmatic Role of Leptin, TNF\(\text{HMelanocortin}\), and Glutamate in Blood Pressure Regulation vs Obesity-Related Hypertension in Male C57BL/6 Mice. <b>2017</b> , 158, 1766-1775  | 10  |
| 210 | Management of Hypertension in Patients with Chronic Kidney Disease. 2017, 19, 43  | 16  |
| 209 | The PPAR-gamma-binding sequence Pal3 is necessary for basal but dispensable for high-fat diet regulated human renin expression in the kidney. <b>2017</b> , 469, 1349-1357                      |     |
| 208 | Prevalence and characteristics of resistant hypertensive patients in an Asian population. <b>2017</b> , 69, 442-446   | 11  |
| 207 | Inferring Relevant Cell Types for Complex Traits by Using Single-Cell Gene Expression. <b>2017</b> , 101, 686-699   | 61  |

### (2018-2017)

| 206 | Obesity-Associated Hypertension in Obese ZDF Rats Via Inhibition of Endothelial Autophagy. <b>2017</b> , 43, 293-307   | 17  |
|-----|--|-----|
| 205 | Prediction and Subtyping of Hypertension from Pan-Tissue Transcriptomic and Genetic Analyses. <b>2017</b> , 207, 1121-1134   | 3   |
| 204 | Association between obesity and risk of chronic kidney disease: A nationwide Cohort study in Taiwan. <b>2017</b> , 27, 1008-1014   | 11  |
| 203 | Role of the histone deacetylase inhibitor valproic acid in high-fat diet-induced hypertension via inhibition of HDAC1/angiotensin II axis. <b>2017</b> , 41, 1702-1709   | 23  |
| 202 | Renal function and its association with blood pressure in Middle Eastern immigrants and native Swedes. <b>2017</b> , 35, 2493-2500   | 8   |
| 201 | Soluble epoxide hydrolase (sEH) as a potential target for arterial hypertension therapy. <b>2017</b> , 53, 972-981   | 2   |
| 200 | GRAF3 serves as a blood volume-sensitive rheostat to control smooth muscle contractility and blood pressure. <b>2020</b> , 11, 194-203   | 6   |
| 199 | The life-course impact of smoking on hypertension, myocardial infarction and respiratory diseases. <b>2017</b> , 7, 4330   | 39  |
| 198 | Obesity-related changes in clinical parameters and conditions in a longitudinal population-based epidemiological study. <b>2017</b> , 11, 299-314  | 13  |
| 197 | Metabolic and Inflammatory Changes with Orlistat and Sibutramine Treatment in Obese Malaysian Subjects. <b>2017</b> , 84, 125-132  | 5   |
| 196 | Comparison of the role of the renin-angiotensin aldosterone system in the genesis of hypertension between two groups of nonhunting dogs and hunting dogs. <b>2017</b> , 41, 147-152  |     |
| 195 | Adipokines: Potential Therapeutic Targets for Vascular Dysfunction in Type II Diabetes Mellitus and Obesity. <b>2017</b> , 2017, 8095926   | 70  |
| 194 | Association of obesity with hypertension. <b>2017</b> , 5, 350   | 19  |
| 193 | Blood Pressure and Vegetarian Diets. <b>2017</b> , 395-413   | 1   |
| 192 | Ramadan fasting in Saudi Arabia is associated with altered expression of CLOCK, DUSP and IL-1alpha genes, as well as changes in cardiometabolic risk factors. <b>2017</b> , 12, e0174342   | 25  |
| 191 | Cardiovascular disease risk profiles in inflammatory joint disease entities. <b>2017</b> , 19, 153   | 28  |
| 190 | Obesity and cardiovascular risk: a call for action from the European Society of Hypertension Working Group of Obesity, Diabetes and the High-risk Patient and European Association for the Study of Obesity: part B: obesity-induced cardiovascular disease, early prevention strategies and future research directions. <b>2018</b> , 36, 1441-1455 | 26  |
| 189 | Sex-specific differences in hypertension and associated cardiovascular disease. <b>2018</b> , 14, 185-201  | 130 |

| 188 | Blood pressure variability in individuals with and without (pre)diabetes: The Maastricht Study. <b>2018</b> , 36, 259-267  | 14   |
|-----|--|------|
| 187 | 2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice  | 2178 |
| 186 | 2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. Hypertension, 2018, 71, e13-e115 | 1567 |
| 185 | EET Intervention on HO-1 Prevent Obesity Derived Cardiovascular Diseases. <b>2018</b> , 07,  | 1    |
| 184 | Reprint of: Prevention and Control of Hypertension: JACC Health Promotion Series. 2018, 72, 2996-3011  | 12   |
| 183 | Benefits of Selenium, Magnesium, and Zinc in Obesity and Metabolic Syndrome. <b>2018</b> , 197-211   | 4    |
| 182 | CYP-450 Epoxygenase Derived Epoxyeicosatrienoic Acid Contribute To Reversal of Heart Failure in Obesity-Induced Diabetic Cardiomyopathy PGC-1 Activation. <b>2018</b> , 7,   | 20   |
| 181 | (Pro)Renin receptor mediates obesity-induced antinatriuresis and elevated blood pressure via upregulation of the renal epithelial sodium channel. <b>2018</b> , 13, e0202419   | 13   |
| 180 | 2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice  | 242  |
| 179 | Guidelines. 2018, 138, e484-e594 Clinical factors predicting blood pressure reduction after catheter-based renal denervation. 2018, 14, 270-275  | 1    |
| 178 | Prevention and Control of Hypertension: JACC Health Promotion Series. 2018, 72, 1278-1293  | 128  |
| 177 | Mineralocorticoid receptor antagonism prevents obesity-induced cerebral artery remodeling and reduces white matter injury in rats. <b>2018</b> , 25, e12460  | 6    |
| 176 | Overweight modifies the association between long-term ambient air pollution and prehypertension in Chinese adults: the 33 Communities Chinese Health Study. <b>2018</b> , 17, 57   | 8    |
| 175 | Hypertension and Diabetes. <i>Endocrinology</i> , <b>2018</b> , 1-22   |      |
| 174 | Pathogenesis of Hypertension. <b>2018</b> , 33-51  | 6    |
| 173 | Association of Anthropometric Indices of Obesity with Hypertension in Chinese Elderly: An Analysis of Age and Gender Differences. <b>2018</b> , 15,  | 13   |
| 172 | Simultaneous GLP-1 receptor activation and angiotensin receptor blockade increase natriuresis independent of altered arterial pressure in obese OLETF rats. <b>2018</b> , 41, 798-808  | 3    |
| 171 | Mechanisms of sodium balance: total body sodium, surrogate variables, and renal sodium excretion.  American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R945-R962.2  | 18   |

| 170 | HO-1 overexpression and underexpression: Clinical implications. <b>2019</b> , 673, 108073   | 63 |
|-----|---|----|
| 169 | Impact of leptin deficiency compared with neuronal-specific leptin receptor deletion on cardiometabolic regulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative</i> 3.2 <i>Physiology</i> , <b>2019</b> , 317, R552-R562 | 7  |
| 168 | The complex relationship between body mass index and response to immune checkpoint inhibition in metastatic melanoma patients. <b>2019</b> , 7, 222   | 38 |
| 167 | Metabolic Syndrome and Salt-Sensitive Hypertension in Polygenic Obese TALLYHO/JngJ Mice: Role of Na/K-ATPase Signaling. <b>2019</b> , 20,   | 7  |
| 166 | Cardiovascular and hidroelectrolytic changes in rats fed with high-fat diet. <b>2019</b> , 373, 112075  | 3  |
| 165 | Renal Hypertension. <b>2019</b> , 383-389   |    |
| 164 | Regulation of alternative splicing in obesity-induced hypertension. <b>2019</b> , 12, 1597-1615   | 8  |
| 163 | Evaluation of the pathophysiological mechanisms of salt-sensitive hypertension. <b>2019</b> , 42, 1848-1857   | 17 |
| 162 | Effects of empagliflozin on nondiabetic salt-sensitive hypertension in uninephrectomized rats. <b>2019</b> , 42, 1905-1915  | 14 |
| 161 | Binge drinking affects kidney function, osmotic balance, aldosterone levels, and arterial pressure in adolescent rats: the potential hypotensive effect of selenium mediated by improvements in oxidative balance. <b>2019</b> , 42, 1495-1506          | 5  |
| 160 | Obesity-Associated Organ Damage and Sympathetic Nervous Activity. <i>Hypertension</i> , <b>2019</b> , 73, 1150-115 <b>%</b> .5  | 19 |
| 159 | Time to acute kidney injury and its predictors among newly diagnosed Type 2 diabetic patients at government hospitals in Harari Region, East Ethiopia. <b>2019</b> , 14, e0215967   | 8  |
| 158 | CPI-17-mediated contraction of vascular smooth muscle is essential for the development of hypertension in obese mice. <b>2019</b> , 46, 109-118   | 9  |
| 157 | Secular trends in the association between obesity and hypertension among adults in the United States, 1999-2014. <b>2019</b> , 62, 37-42  | 15 |
| 156 | Pathophysiology and treatment of obesity-related hypertension. <b>2019</b> , 21, 555-559  | 16 |
| 155 | Hypertension Associated with Fructose and High Salt: Renal and Sympathetic Mechanisms.  Nutrients, <b>2019</b> , 11,  | 26 |
| 154 | Effects of Sleeve Gastrectomy on Blood Pressure and the Renal Renin-Angiotensin System in Rats with Diet-Induced Obesity. <b>2019</b> , 27, 785-792   | 1  |
| 153 | The Effect of Hypertension Duration and the Age of Onset on CV Risk Factors Expression in Perimenopausal Women. <b>2019</b> , 2019, 9848125   | 3  |

| 152 | Gastric mucosal devitalization improves blood pressure, renin and cardiovascular lipid deposition in a rat model of obesity. <b>2019</b> , 7, E1605-E1615                         | 5                |
|-----|---|------------------|
| 151 | Druggable targets in the Rho pathway and their promise for therapeutic control of blood pressure. <b>2019</b> , 193, 121-134  | 7                |
| 150 | 24-Hour ambulatory blood pressure levels and control in a large cohort of adult outpatients with different classes of obesity. <b>2019</b> , 33, 298-307                          | 4                |
| 149 | Obesity-Hypertension Physiopathology and Treatment: A Forty-Year Retrospect. <i>Updates in Hypertension and Cardiovascular Protection</i> , <b>2019</b> , 197-229                 | 0.1              |
| 148 | Disparities in the impact of overweight on hypertension among Asians: a Japanese and Thai population-based study. <b>2019</b> , 33, 123-130                                       |                  |
| 147 | Hypertension in Obesity: Novel Insights. <b>2020</b> , 16, 30-36  | 4                |
| 146 | The Short-Term Effects of Roux-en-Y Gastric Bypass on Renal Excretion of Sodium and Its Association with Blood Pressure. <b>2020</b> , 30, 102-110                                | 3                |
| 145 | Management of Hypertension in Chronic Kidney Disease. <b>2020</b> , 1001-1011   |                  |
| 144 | Histone deacetylase inhibitor CG200745 ameliorates high-fat diet-induced hypertension via inhibition of angiotensin II production. <b>2020</b> , 393, 491-500                     | 6                |
| 143 | Heme Oxygenase-1 Upregulation: A Novel Approach in the Treatment of Cardiovascular Disease. <b>2020</b> , 32, 1045-1060   | 8                |
| 142 | The Pivotal Role of Adipocyte-Na K peptide in Reversing Systemic Inflammation in Obesity and COVID-19 in the Development of Heart Failure. <b>2020</b> , 9,                       | 3                |
| 141 | A two-stage deep CNN architecture for the classification of low-risk and high-risk hypertension classes using multi-lead ECG signals. <b>2020</b> , 21, 100479                    | 9                |
| 140 | Natural Antioxidant and Anti-Inflammatory Compounds in Foodstuff or Medicinal Herbs Inducing Heme Oxygenase-1 Expression. <b>2020</b> , 9,  | 3                |
| 139 | Cardiorenal metabolic biomarkers link early life stress to risk of non-communicable diseases and adverse mental health outcomes. <b>2020</b> , 10, 13295                          | 5                |
| 138 | Metabolic Surgery to Treat Obesity in Diabetic Kidney Disease, Chronic Kidney Disease, and End-Stage Kidney Disease; What Are the Unanswered Questions?. <b>2020</b> , 11, 289    | 20               |
| 137 | Prevalence and factors associated with overweight and obesity among patients with type 2 diabetes mellitus in Uganda-a descriptive retrospective study. <b>2020</b> , 10, e039258 | 5                |
| 136 | WITHDRAWN: HMGB1 and COX2 are regulated during organ damage following obesity-induced hypertension in a metabolic syndrome mouse model. <b>2020</b> , 101592                      |                  |
| 135 | Therapeutic approaches to diabetic cardiomyopathy: Targeting the antioxidant pathway. <b>2020</b> , 150, 106  | 454 <sub>4</sub> |

### (2021-2020)

| 134 | Comparison of high-fat style diet-induced dysregulation of baroreflex control of renal sympathetic nerve activity in intact and ovariectomized female rats: Renal sympathetic nerve activity in high-fat style diet fed intact and ovariectomized female rats. <b>2020</b> , 245, 761-776 | 1  |
|-----|---|----|
| 133 | Hypertension in obesity. <b>2020</b> , 35, 389-396  | 12 |
| 132 | Chronic Kidney Disease Modifies The Relationship Between Body Fat Distribution and Blood Pressure: A Cross-Sectional Analysis. <b>2020</b> , 13, 107-118  | 1  |
| 131 | Mechanical basis of high mobility group box 1 protein in regulating biological damage regards to obesity. <b>2020</b> , 32, 1879-1883   |    |
| 130 | The Peroxisome Proliferator-Activated Receptor-Gamma Coactivator-1Heme Oxygenase 1 Axis, a Powerful Antioxidative Pathway with Potential to Attenuate Diabetic Cardiomyopathy. <b>2020</b> , 32, 1273-1290  | 6  |
| 129 | Big Data and Causal Inference: What Does a New Analysis of the UK BioBank Data Tell Us?.  Hypertension, <b>2020</b> , 75, 625-627   |    |
| 128 | Role of Hyperinsulinemia and Insulin Resistance in Hypertension: Metabolic Syndrome Revisited. <b>2020</b> , 36, 671-682  | 46 |
| 127 | Molecular Regulation of the RhoGAP GRAF3 and Its Capacity to Limit Blood Pressure In Vivo. <b>2020</b> , 9,   | 3  |
| 126 | Linking chronic kidney disease and Parkinson's disease: a literature review. <b>2021</b> , 36, 1-12   | 5  |
| 125 | Impact of obesity with or without hypertension on systemic haemodynamic and renal responses to lower body negative pressure. <b>2021</b> , 30, 67-74  | 1  |
| 124 | Pathophysiology and Optimal Management of Hypertension in Patients with Cardiometabolic Syndrome. <b>2021</b> , 1, 46   |    |
| 123 | Kidney and epigenetic mechanisms of salt-sensitive hypertension. <b>2021</b> , 17, 350-363  | 7  |
| 122 | The association between hypertension and other cardiovascular risk factors among non-diabetic Saudis adults-A cross sectional study. <b>2021</b> , 16, e0246568   |    |
| 121 | A pilot case-control study using a one health approach to evaluate behavioral, environmental, and occupational risk factors for chronic kidney disease of unknown etiology in Sri Lanka. <b>2021</b> , 3, 4   | 1  |
| 120 | A Meta-Analysis on the Effect and Safety of LCZ696 in the Treatment of Hypertension. <b>2021</b> , 2021, 8867578  | 1  |
| 119 | Comparison of different obesity indices related with hypertension among different sex and age groups in China. <b>2021</b> , 31, 793-801  | 6  |
| 118 | Countering adipose tissue dysfunction could underlie the superiority of telmisartan in the treatment of obesity-related hypertension. <b>2021</b> , 20, 70  | 2  |
| 117 | Oxidative Stress and Vascular Damage in the Context of Obesity: The Hidden Guest. <b>2021</b> , 10,   | 3  |

| 116 | DPP4 inhibition mitigates ANG II-mediated kidney immune activation and injury in male mice. <b>2021</b> , 320, F505-F517  | 1 |
|-----|---|---|
| 115 | The Centrality of Obesity in the Course of Severe COVID-19. <b>2021</b> , 12, 620566  | 5 |
| 114 | Silymarin nanoliposomes attenuate renal injury on diabetic nephropathy rats via co-suppressing TGF-//Smad and JAK2/STAT3/SOCS1 pathway. <i>Life Sciences</i> , <b>2021</b> , 271, 119197  | 7 |
| 113 | Minerals content in Basilicata region (southern Italy) honeys from areas with different anthropic impact. <b>2021</b> , 56, 4465-4472   | 3 |
| 112 | Evaluation of serum magnesium differences in hypertensive crises and control patients: A randomly matched case-control study. <b>2021</b> , 23, 1229-1238   | 1 |
| 111 | Overexpression of MicroRNA-429 Transgene Into the Renal Medulla Attenuated Salt-Sensitive Hypertension in Dahl S Rats. <b>2021</b> , 34, 1071-1077  | О |
| 110 | Cardiac, Macro-, and Micro-Circulatory Abnormalities in Association With Individual Metabolic Syndrome Component: The Northern Shanghai Study. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 6905 214                            | 1 |
| 109 | Aerobic exercise training reduces cardiac function and coronary flow-induced vasodilation in mice lacking adiponectin. <b>2021</b> , 321, H1-H14  | 2 |
| 108 | Cardiovascular Risk Assessment in Hypertensive patients: A Perspective Observative Study. <b>2021</b> , 4420-4424   | 1 |
| 107 | Bacterial-Induced Blood Pressure Reduction: Mechanisms for the Treatment of Hypertension the Gut. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 721393   | 2 |
| 106 | Incidence and Predictors of Acute Kidney Injury Among Newly Diagnosed Type 2 Diabetes Patients at Chronic Follow-Up Clinic of University of Gondar Comprehensive Specialized Hospital: A Retrospective Follow-Up Study. <b>2021</b> , 13, 613-622 | 2 |
| 105 | Sex Differences in Molecular Mechanisms of Cardiovascular Aging. 2021, 2,   | 1 |
| 104 | Heme-oxygenase and lipid mediators in obesity and associated cardiometabolic diseases: Therapeutic implications. <b>2021</b> , 107975   | 4 |
| 103 | The Metabolic Syndrome. <b>2011</b> , 1-26  | 2 |
| 102 | Childhood Obesity and Blood Pressure Regulation. 2011, 301-328  | 4 |
| 101 | Renin-Angiotensin-Aldosterone System and Pathobiology of Hypertension. <b>2009</b> , 35-57  | 4 |
| 100 | Hypertension. <b>2007</b> , 1833-1870   | 3 |
| 99  | Anti-obesity and Hypolipidemic Effects of N-(ED-Xylopyranosyl) Taurine Sodium Salt Supplementation in Rats Fed a High-Fat Diet and EAlanine. <i>Advances in Experimental Medicine and</i> 3.6 <i>Biology</i> , <b>2015</b> , 803, 887-96          | 1 |

| 98             | Pathophysiology of Hypertension. <b>2009</b> , 1485-1518   |     | 10 |
|----------------|--|-----|----|
| 97             | Minerals in Plant Food: Effect of Agricultural Practices and Role in Human Health. <b>2011</b> , 111-128   |     | 5  |
| 96             | Primary and Secondary Hypertension. <b>2012</b> , 1670-1751  |     | 1  |
| 95             | Metabolic Consequences of Obesity. <b>2008</b> , 149-173   |     | 6  |
| 94             | Genetics of Cardiovascular Diseases. <b>2009</b> , 281-293   |     | 1  |
| 93             | Prevalence and Associated Factors of Hypertension among Adults in Rural Uttarakhand: A Community Based Cross Sectional Study. <b>2018</b> , 6, 481-490   |     | 3  |
| 92             | Relationship between aldosterone and the metabolic syndrome in patients with obstructive sleep apnea hypopnea syndrome: effect of continuous positive airway pressure treatment. <b>2014</b> , 9, e84362   |     | 22 |
| 91             | Obesity and Body Composition in Man and Woman: Associated Diseases and the New Role of Gut Microbiota. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 216-229  | 4.3 | 18 |
| 90             | [Hypertension in obese children and adolescents]. Srpski Arhiv Za Celokupno Lekarstvo, 2009, 137, 91-7   | 0.2 | 1  |
| 89             | Hypertension in children with obesity. World Journal of Hypertension, 2014, 4, 15  | Ο   | 6  |
| 88             | Pulmonary and cardiovascular complications of obesity: an autopsy study of 76 obese subjects. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2008</b> , 132, 1397-404   | 5   | 49 |
| 87             | Association between Body Mass Index, Abdominal Obesity Defined by Waist Circumference<br>Criteria, and Estimated Glomerular Filtration Rate in Healthy Korean Adults - 2007 the Korea<br>National Health and Nutrition Survey <i>The Korean Journal of Obesity</i> , <b>2011</b> , 20, 202 |     | 6  |
| 86             | TRPV1 protects renal ischemia-reperfusion injury in diet-induced obese mice by enhancing CGRP  | 3.1 | 4  |
|                | release and increasing renal blood flow. <i>PeerJ</i> , <b>2019</b> , 7, e6505   |     |    |
| 85             | Obesity and Hypertension: Impact on Cardiovascular and Renal Systems. <b>2005</b> , 464-474  |     |    |
| 8 <sub>5</sub> |  |     |    |
|                | Obesity and Hypertension: Impact on Cardiovascular and Renal Systems. <b>2005</b> , 464-474  Risk Assessment and Treatment Standards of Obesity and Overweight in Relation to Cardiovascular   |     |    |
| 84             | Obesity and Hypertension: Impact on Cardiovascular and Renal Systems. 2005, 464-474  Risk Assessment and Treatment Standards of Obesity and Overweight in Relation to Cardiovascular Disease. Fundamental and Clinical Cardiology, 2006, 225-256   |     |    |

| 80             | Vozmozhnost' korrektsii Ravelom SR faktorov riska pri arterial'noy gipertenzii na fone ozhireniya. <i>Systemic Hypertension</i> , <b>2007</b> , 4, 14-17   | 1.6 |   |
|----------------|--|-----|---|
| 79             | [Sympathetic system hyperactivity in obesity]. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2008</b> , 52, 6-7   |     | О |
| 78             | Primenenie RAVELa SR pri arterial'noy gipertenzii na fone ozhireniya. <i>Systemic Hypertension</i> , <b>2008</b> , 5, 66-71  | 1.6 |   |
| 77             | Consideraciones sobre anestesia en la obesidad. <b>2009</b> , 108-118  |     |   |
| 76             | Research Related to Chronic Kidney Disease in BMI >25 Overweight Children. <i>Journal of the Korean Society of Pediatric Nephrology</i> , <b>2009</b> , 13, 75   |     |   |
| 75             | Cardiac lipotoxic effects of obesity. Arterial Hypertension (Russian Federation), 2009, 15, 335-341  | 0.7 | O |
| 74             | Obesity Related Glomerulopathy Progressed to Chronic Renal Failure. <i>Journal of the Korean Society of Pediatric Nephrology</i> , <b>2010</b> , 14, 94  |     |   |
| 73             | Hypertension in Children with the Metabolic Syndrome or Type 2 Diabetes. <b>2011</b> , 329-342   |     |   |
| 72             | Nutritional Management of Hypertension: Cost Versus Benefit. <b>2011</b> , 323-347   |     |   |
|                | The definition of the post of the second second  |     |   |
| 71             | Heart Failure Prevention. <b>2011</b> , 141-160  |     |   |
| 71<br>70       | Disorders of Sodium Balance. <b>2012</b> , 464-539   |     |   |
|                |  |     |   |
| 70             | Disorders of Sodium Balance. <b>2012</b> , 464-539   |     |   |
| 7º<br>69       | Disorders of Sodium Balance. 2012, 464-539  KomorbiditEen. 2013, 173-257   |     |   |
| 7° 69 68       | Disorders of Sodium Balance. 2012, 464-539  KomorbiditEen. 2013, 173-257  Hypertension in Children with the Metabolic Syndrome or Type 2 Diabetes. 2013, 279-294   | 3.6 |   |
| 7° 69 68       | Disorders of Sodium Balance. 2012, 464-539  KomorbiditBen. 2013, 173-257  Hypertension in Children with the Metabolic Syndrome or Type 2 Diabetes. 2013, 279-294  Follow-up of Patients with Resistant Hypertension. 2013, 155-169  Residual urinary output in high body mass index individuals on chronic hemodialysis: A disregarded   | 3.6 |   |
| 7° 69 68 67 66 | Disorders of Sodium Balance. 2012, 464-539  Komorbiditen. 2013, 173-257  Hypertension in Children with the Metabolic Syndrome or Type 2 Diabetes. 2013, 279-294  Follow-up of Patients with Resistant Hypertension. 2013, 155-169  Residual urinary output in high body mass index individuals on chronic hemodialysis: A disregarded life vest?. World Journal of Nephrology, 2014, 3, 317-23 | 3.6 |   |

62 Obesity, Cardiometabolic Risk, and Chronic Kidney Disease. **2016**, 181-198

| 61 | Hypertension in Children with Type 2 Diabetes or the Metabolic Syndrome. <b>2017</b> , 1-19   |     |     |
|----|---|-----|-----|
| 60 | Inferring relevant cell types for complex traits using single-cell gene expression.   |     | 1   |
| 59 | MORPHOLOGICAL FEATURES OF COMPONENTS OF TISSUES AND ORGANS IN OBESITY. <i>Bulletin of Problems Biology and Medicine</i> , <b>2018</b> , 1.2, 12   | 0.1 | 1   |
| 58 | Obesity and Metabolic Syndrome Hypertension. <i>Updates in Hypertension and Cardiovascular Protection</i> , <b>2018</b> , 705-722   | 0.1 | 3   |
| 57 | Metabolic outcomes of laparoscopic sleeve gastrectomy. <i>Egyptian Liver Journal</i> , <b>2018</b> , 8, 29-35   | 1.6 |     |
| 56 | Hypertension and Diabetes. <i>Endocrinology</i> , <b>2018</b> , 109-130   | 0.1 |     |
| 55 | Hypertension in Children with Type 2 Diabetes or the Metabolic Syndrome. <b>2018</b> , 385-403  |     |     |
| 54 | Elevation of serum adiponectin in mildly decreased glomerular filtration rate. <i>Asian Biomedicine</i> , <b>2019</b> , 12, 255-262   | 0.4 |     |
| 53 | Hypertension and Diabetes. <i>Endocrinology</i> , <b>2019</b> , 1-22  | 0.1 |     |
| 52 | The relationship between the level of serum-free testosterone and depression in obese adolescent men in Sharkia Governorate. <i>The Egyptian Journal of Internal Medicine</i> , <b>2019</b> , 31, 43-51 | 0.5 |     |
| 51 | Obesidade e doenā renal: aspectos fisiopatolājicos. <i>HU Revista</i> , <b>2019</b> , 44, 231-239   | 0.1 |     |
| 50 | Changes in the Structural Organization of Components and Vessels of the Spleen in Experimental Obesity. <i>Ukralībs?kij līrnal Medicini Blolog</i> lī <i>Ta Sportu</i> , <b>2019</b> , 4, 45-50         | 0.1 |     |
| 49 | A pilot study of behavioral, environmental, and occupational risk factors for chronic kidney disease of unknown etiology in Sri Lanka.  |     | 1   |
| 48 | Hypertension and Diabetes. <i>Endocrinology</i> , <b>2020</b> , 109-130   | 0.1 |     |
| 47 | True Resistant Hypertension among Treated Hypertensive Black Patients. A Clinical-Based Cross-Sectional Study. <i>World Journal of Cardiovascular Diseases</i> , <b>2020</b> , 10, 278-293              | Ο   |     |
| 46 | Obesity and Renal Disease. <b>2006</b> , 319-331  |     |     |
| 45 | Metabolic syndrome and coronary artery disease in Ossabaw compared with Yucatan swine. <i>Comparative Medicine</i> , <b>2010</b> , 60, 300-15   | 1.6 | 105 |

| 44 | Hypoxia inducible factor-1\textit{mediated gene activation in the regulation of renal medullary function and salt sensitivity of blood pressure. <i>American Journal of Cardiovascular Disease</i> , <b>2012</b> , 2, 208-15                           | 0.9         | 7  |
|----|--|-------------|----|
| 43 | Differences in hypertension between blacks and whites: an overview. <i>Cardiovascular Journal of Africa</i> , <b>2007</b> , 18, 241-7  | 0.7         | 47 |
| 42 | Hypertension and its association with Anthropometric indices among students in a public university. <i>Malaysian Family Physician</i> , <b>2018</b> , 13, 2-9  | 0.5         | 8  |
| 41 | Obesity and obesity-induced inflammatory disease contribute to atherosclerosis: a review of the pathophysiology and treatment of obesity. <i>American Journal of Cardiovascular Disease</i> , <b>2021</b> , 11, 504-52                                 | <b>9</b> .9 | O  |
| 40 | Inflammation, oxidative stress, insulin resistance, and hypertension as mediators for adverse effects of obesity on the brain: A review <i>BioMedicine (Taiwan</i> , <b>2021</b> , 11, 13-22   | 1.1         | 1  |
| 39 | Obesity and Cardiometabolic Risk Factors: From Childhood to Adulthood. <i>Nutrients</i> , <b>2021</b> , 13,  | 6.7         | 17 |
| 38 | A modular and reusable model of epithelial transport in the proximal convoluted tubule.  |             |    |
| 37 | Obesity, Sodium Homeostasis, and Arterial Hypertension in Children and Adolescents. <i>Nutrients</i> , <b>2021</b> , 13,   | 6.7         | 2  |
| 36 | Current Understanding of Pressure Natriuresis Electrolyte and Blood Pressure, 2021, 19, 38-45  | 1.1         | 2  |
| 35 | REVIEW ON MEDOVAHASROTAS AND ITS MOOLSTHANA WITH REFERENCE TO OBESITY INDUCED HYPERTENSION. <i>International Ayurvedic Medical Journal</i> , <b>2021</b> , 9, 833-837  | Ο           |    |
| 34 | Diabetic Kidney Disease: Scope of the Problem. <b>2022</b> , 37-47   |             |    |
| 33 | A Mixed Comparisons of Aerobic Training With Different Volumes and Intensities of Physical Exercise in Patients With Hypertension: A Systematic Review and Network Meta-Analysis <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 770975 | 5.4         | O  |
| 32 | hERG optimization of MCHR1 antagonist benzofuro-pyridine and pyrazino-indole derivatives <i>ChemMedChem</i> , <b>2022</b> ,  | 3.7         | 0  |
| 31 | Effect of sampling time on urinary electrolytes following oral furosemide administration in dogs with myxomatous mitral valve disease <i>Journal of Veterinary Cardiology</i> , <b>2022</b> , 41, 57-69  | 1.9         | O  |
| 30 | Obesity: A Risk Factor for COVID-19 Advances in Experimental Medicine and Biology, <b>2021</b> , 1352, 195-21  | <b>9</b> .6 | 1  |
| 29 | Observational Insights into Diurnal Variations of Advanced Hemodynamic Parameters in Ambulatory Individuals Enabled by a Photoplethysmography-Based Wearable Monitor. <i>SSRN Electronic Journal</i> ,   | 1           |    |
| 28 | -2548G>A Polymorphism Is Positively Associated with Increased Leptin and Glucose Levels in Obese Saudi Patients Irrespective of Blood Pressure Status <i>Medicina (Lithuania)</i> , <b>2022</b> , 58,  | 3.1         | 0  |
| 27 | A multiscale atlas of the molecular and cellular architecture of the human kidney.   |             | O  |

| 26 | The Effects of L-Arginine in Hypertensive Patients: A Literature Review <i>Cureus</i> , <b>2021</b> , 13, e20485   |    | O |
|----|--|----|---|
| 25 | Parental obesity alters offspring blood pressure regulation and cardiovascular responses to stress: role of P2X7R and sex differences <i>American Journal of Physiology - Regulatory Integrative and 3.2 Comparative Physiology</i> , <b>2022</b> ,                                |    | O |
| 24 | Resistant Hypertension: Recognition and Treatment. <i>Updates in Hypertension and Cardiovascular Protection</i> , <b>2022</b> , 351-366  |    |   |
| 23 | Maternal high-fat diet consumption during pregnancy and lactation predisposes offspring to renal and metabolic injury later in life: comparative study of diets with different lipid contents <i>Journal</i> 2.4 of Developmental Origins of Health and Disease, <b>2022</b> , 1-9 |    |   |
| 22 | Binge drinking during the adolescence period causes oxidative damage-induced cardiometabolic disorders: A possible ameliorative approach with selenium supplementation <i>Life Sciences</i> , <b>2022</b> , 301, 120618  | }  | 0 |
| 21 | Hypertension in Children with Type 2 Diabetes or the Metabolic Syndrome. <b>2022</b> , 1-18  |    |   |
| 20 | Benefit and risk assessment of replacing of sodium chloride by other salt/substances in industrial seafood products. <i>EFSA Journal</i> , <b>2022</b> , 20,   | •  | 2 |
| 19 | Observational, prospective, single-center study: Should body mass index be added to the scoring criteria of hepatic critically ill patients in the intensive care unit. <i>American Journal of the Medical Sciences</i> , <b>2022</b> ,  |    |   |
| 18 | Obesity and Chronic Kidney Disease A Current Review. <i>Obesity Science and Practice</i> , 2.6   | )  | 1 |
| 17 | Interactions between the intrarenal dopaminergic and the renin ingiotensin systems in the control of systemic arterial pressure. <b>2022</b> , 136, 1205-1227  |    | О |
| 16 | Mechanism of action of drugs used in hypertension. <b>2023</b> , 349-367   |    | 0 |
| 15 | A Body Shape Index and Aortic Disease-Related Mortality in Japanese General Population. <b>2022</b> ,  |    | O |
| 14 | Primary aldosteronism and obstructive sleep apnea: What do we know thus far?. 13,  |    | 1 |
| 13 | Kidney ion handling genes and their interaction in blood pressure control.   |    | 0 |
| 12 | Obesity and Chronic Kidney Disease.  |    | 2 |
| 11 | A modular and reusable model of epithelial transport in the proximal convoluted tubule. <b>2022</b> , 17, e027583  | 37 | 0 |
| 10 | Cardiovascular Risks Associated With Obesity in Children and Adolescents. <b>2009</b> , 38, 48-56  |    | 2 |
| 9  | Cardiovascular Risk and Diseases in Patients With and Without Leptin-Melanocortin Pathway Variants. <b>2022</b> ,  |    | O |

| 8 | Hypertension in Children with Type 2 Diabetes or the Metabolic Syndrome. 2023, 421-437  | О |
|---|---|---|
| 7 | Skin-specific mechanisms of body fluid regulation in hypertension.  | o |
| 6 | Sodium Homeostasis, a Balance Necessary for Life. <b>2023</b> , 15, 395   | О |
| 5 | Hypertension, type 2 diabetes, obesity, and p53 mutations negatively correlate with metastatic colorectal cancer patients Burvival. 10,                 | O |
| 4 | Visceral fat and attribute-based medicine in chronic kidney disease. 14,  | О |
| 3 | Elateriospermum tapos Yogurt Supplement in Maternal Obese Dams during Pregnancy Modulates the Body Composition of F1 Generation. <b>2023</b> , 15, 1258 | 2 |
| 2 | Minerals and Trace Elements. <b>2023</b> , 80-101   | 0 |
| 1 | Hypertension. <b>2023</b> , 241-258   | 0 |