Martin Tepel

List of Publications by Year in descending order

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125 papers 5,413 citations

35 h-index 71 g-index

127 all docs

127 docs citations

127 times ranked

4630 citing authors

#	Article	IF	CITATIONS
1	Angiopoietin-2 predicts all-cause mortality in male but not female end-stage kidney disease patients on hemodialysis. Nephrology Dialysis Transplantation, 2022, 37, 1348-1356.	0.7	4
2	Recurrent moderate hypoglycemia accelerates the progression of Alzheimer's disease through impairment of the TRPC6/GLUT3 pathway. JCI Insight, 2022, 7, .	5.0	12
3	Pretransplant endotrophin predicts delayed graft function after kidney transplantation. Scientific Reports, 2022, 12, 4079.	3.3	10
4	MO943: Levels of Forkhead Box P3 (FOXP3) Transcripts in Kidney Transplant Recipients is Associated With Post-Transplant Cytomegalovirus Viremia. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
5	Kidney function, future health costs, and quality-adjusted life-years in kidney transplant recipients transplanted during the SARS-Cov-2 lockdown in Denmark – An observational study. Heliyon, 2021, 7, e08489.	3.2	0
6	Reducing NADPH Synthesis Counteracts Diabetic Nephropathy through Restoration of AMPK Activity in Type 1 Diabetic Rats. Cell Reports, 2020, 32, 108207.	6.4	12
7	Prospective Study of Long Noncoding RNA, MGAT3-AS1, and Viremia of BK Polyomavirus and Cytomegalovirus in Living Donor Renal Transplant Recipients. Kidney International Reports, 2020, 5, 2218-2227.	0.8	4
8	Reduced membrane attack complex formation in umbilical cord blood during Eculizumab treatment of the mother: a case report. BMC Nephrology, 2019, 20, 307.	1.8	5
9	Collagen turnover profiles in chronic kidney disease. Scientific Reports, 2019, 9, 16062.	3.3	27
10	Endogenous intronic antisense long non-coding RNA, MGAT3-AS1, and kidney transplantation. Scientific Reports, 2019, 9, 14743.	3.3	6
11	Higher Collagen VI Formation Is Associated With All-Cause Mortality in Patients With Type 2 Diabetes and Microalbuminuria. Diabetes Care, 2018, 41, 1493-1500.	8.6	51
12	SP709ELEVATED URINARY EXTRACELLULAR VESICLE EXCRETION IN PATIENTS WITH DELAYED GRAFT FUNCTION AFTER DECEASED KIDNEY TRANSPLANTATION. Nephrology Dialysis Transplantation, 2018, 33, i585-i585.	0.7	0
13	FP721COMPLOSOME AFFECTS THE OUTCOME AFTER INCIDENT KIDNEY TRANSPLANTATION. Nephrology Dialysis Transplantation, 2018, 33, i288-i288.	0.7	0
14	SP762CHANGE OF LONG NON-CODING RNA, MGAT3-AS1, IN PATIENTS BEFORE AND AFTER KIDNEY TRANSPLANTATION. Nephrology Dialysis Transplantation, 2018, 33, i605-i605.	0.7	0
15	Golgin A4 in CSF and granulovacuolar degenerations of patients with Alzheimer disease. Neurology, 2018, 91, e1799-e1808.	1.1	11
16	Urinary endotrophin predicts disease progression in patients with chronic kidney disease. Scientific Reports, 2017, 7, 17328.	3.3	52
17	Expression of the <i>NRF2</i> Target Gene <i>NQO1</i> Is Enhanced in Mononuclear Cells in Human Chronic Kidney Disease. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	4.0	18
18	SP274URINARY ENDOTROPHIN (PRO-C6), A DYNAMIC PRODUCT OF TYPE VI COLLAGEN FORMATION, PREDICTS DISEASE PROGRESSION AND MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE. Nephrology Dialysis Transplantation, 2017, 32, iii199-iii199.	0.7	0

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19	Lower Superoxide Dismutase 2 (SOD2) Protein Content in Mononuclear Cells Is Associated with Better Survival in Patients with Hemodialysis Therapy. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-8.	4.0	12
20	The 82-plex plasma protein signature that predicts increasing inflammation. Scientific Reports, 2015, 5, 14882.	3.3	8
21	Interleukin-8 Transcripts in Mononuclear Cells Determine Impaired Graft Function after Kidney Transplantation. PLoS ONE, 2015, 10, e0117315.	2.5	9
22	Dialysis for twins. CKJ: Clinical Kidney Journal, 2014, 7, 57-58.	2.9	4
23	A highly sensitive method for quantification of iohexol. Analytical Methods, 2014, 6, 3706-3712.	2.7	4
24	High glucose modifies transient receptor potential canonical type 6 channels via increased oxidative stress and syndecan-4 in human podocytes. Biochemical and Biophysical Research Communications, 2014, 450, 312-317.	2.1	23
25	Association of Versican Turnover with All-Cause Mortality in Patients on Haemodialysis. PLoS ONE, 2014, 9, e111134.	2.5	3
26	Urinary Calprotectin and Posttransplant Renal Allograft Injury. PLoS ONE, 2014, 9, e113006.	2.5	16
27	Identification of a Potent Endothelium-Derived Angiogenic Factor. PLoS ONE, 2013, 8, e68575.	2.5	3
28	Do Cysteine Residues Regulate Transient Receptor Potential Canonical Type 6 Channel Protein Expression?. Antioxidants and Redox Signaling, 2012, 16, 452-457.	5.4	2
29	VaskulÃre und parenchymatöse Nierenkrankheiten. , 2012, , 517-529.		0
30	Calcium-dependent expression of transient receptor potential canonical type 3 channels in patients with chronic kidney disease. Archives of Biochemistry and Biophysics, 2011, 514, 44-49.	3.0	4
31	Superoxide dismutase type 1 in monocytes of chronic kidney disease patients. Amino Acids, 2011, 41, 427-438.	2.7	15
32	Decreased Expression of Transient Receptor Potential Channels in Cerebral Vascular Tissue from Patients After Hypertensive Intracerebral Hemorrhage. Clinical and Experimental Hypertension, 2011, 33, 533-537.	1.3	11
33	Low expression of thiosulfate sulfurtransferase (rhodanese) predicts mortality in hemodialysis patients. Clinical Biochemistry, 2010, 43, 95-101.	1.9	25
34	N-Acetylcysteine Improves Arterial Vascular Reactivity in Patients with Chronic Kidney Disease. Nephron Clinical Practice, 2009, 112, c184-c189.	2.3	12
35	Mortality Risk in Hemodialysis Patients with Increased Arterial Stiffness Is Reduced by Attainment of Classical Clinical Performance Measures. American Journal of Nephrology, 2009, 29, 598-606.	3.1	6
36	Increased Transient Receptor Potential Canonical Type 3 Channels in Vasculature From Hypertensive Rats. Hypertension, 2009, 53, 70-76.	2.7	108

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37	Increased TRPC3 expression in vascular endothelium of patients with malignant hypertension. Modern Pathology, 2009, 22, 426-430.	5.5	43
38	Hemodialysis Versus Peritoneal Dialysis: A Case Control Study of Survival in Patients With Chronic Kidney Disease Stage 5. Therapeutic Apheresis and Dialysis, 2009, 13, 199-204.	0.9	3
39	Noninvasive pulse wave analysis for the determination of central artery stiffness. Microvascular Research, 2009, 77, 109-112.	2.5	16
40	Transient receptor potential canonical type 3 channels and blood pressure in humans. Journal of Hypertension, 2009, 27, 1217-1223.	0.5	19
41	Association of transient receptor potential canonical type 3 (TRPC3) channel transcripts with proinflammatory cytokines. Archives of Biochemistry and Biophysics, 2008, 471, 57-62.	3.0	35
42	The Role of Transient Receptor Potential Channels in Metabolic Syndrome. Hypertension Research, 2008, 31, 1989-1995.	2.7	45
43	High Glucose Enhances Transient Receptor Potential Channel Canonical Type 6–Dependent Calcium Influx in Human Platelets via Phosphatidylinositol 3-Kinase–Dependent Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 746-751.	2.4	52
44	Does prophylactic haemodialysis protect kidney function after angiography?. Nephrology Dialysis Transplantation, 2008, 23, 1473-1475.	0.7	2
45	Impaired Vascular Reactivity in Patients with Chronic Kidney Disease. American Journal of Nephrology, 2008, 28, 218-223.	3.1	11
46	Effect of amlodipine on cardiovascular events in hypertensive haemodialysis patients. Nephrology Dialysis Transplantation, 2008, 23, 3605-3612.	0.7	95
47	Phenylacetic Acid and Arterial Vascular Properties in Patients with Chronic Kidney Disease Stage 5 on Hemodialysis Therapy. Nephron Clinical Practice, 2007, 107, c1-c6.	2.3	23
48	Increased store-operated and 1-oleoyl-2-acetyl-sn-glycerol-induced calcium influx in monocytes is mediated by transient receptor potential canonical channels in human essential hypertension. Journal of Hypertension, 2007, 25, 799-808.	0.5	48
49	Monocytes From Spontaneously Hypertensive Rats Show Increased Store-Operated and Second Messenger-Operated Calcium Influx Mediated by Transient Receptor Potential Canonical Type 3 Channels. American Journal of Hypertension, 2007, 20, 1111-1118.	2.0	29
50	Contrast-Induced Nephropathy. Circulation, 2006, 113, 1799-1806.	1.6	409
51	Low density lipoproteins inhibit the Na+/H+ antiport in human platelets via activation of p38MAP kinase. Biochemical and Biophysical Research Communications, 2006, 340, 751-757.	2.1	15
52	Transient receptor potential channels in essential hypertension. Journal of Hypertension, 2006, 24, 1105-1114.	0.5	63
53	Noninvasive Continuous Monitoring of Digital Pulse Waves during Hemodialysis. ASAIO Journal, 2006, 52, 174-179.	1.6	15
54	Association of angiotensin-converting enzyme 2 gene A/G polymorphism and elevated blood pressure in Chinese patients with metabolic syndrome. Translational Research, 2006, 147, 91-95.	2.3	61

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55	Sustained increase of extracellular calcium concentration causes arterial vasoconstriction in humans. Journal of Hypertension, 2005, 23, 2049-2054.	0.5	17
56	Biliary casts in the kidney tubule. Nephrology Dialysis Transplantation, 2005, 20, 651-651.	0.7	2
57	Thiazide-Like Diuretics Attenuate Agonist-Induced Vasoconstriction by Calcium Desensitization Linked to Rho Kinase. Hypertension, 2005, 45, 233-239.	2.7	52
58	Scattered hyperdense lesions in a haemodialysis patient. Nephrology Dialysis Transplantation, 2005, 20, 1009-1009.	0.7	0
59	Cutaneous Mycobacterium abscessus infection after kidney transplantation. Nephrology Dialysis Transplantation, 2005, 20, 1764-1765.	0.7	16
60	GATA4-mediated cardiac hypertrophy induced by d-myo-inositol 1,4,5-tris-phosphate. Biochemical and Biophysical Research Communications, 2005, 338, 1236-1240.	2.1	6
61	Increased Transient Receptor Potential Channel TRPC3 Expression in Spontaneously Hypertensive Rats. American Journal of Hypertension, 2005, 18, 1503-1507.	2.0	68
62	Acetylcysteine Reduces Plasma Homocysteine Concentration and Improves Pulse Pressure and Endothelial Function in Patients With End-Stage Renal Failure. Circulation, 2004, 109, 369-374.	1.6	136
63	Effect of Sodium on Vasoconstriction and Angiotensin II Type 1 Receptor mRNA Expression in Coldâ€induced Hypertensive Rats. Clinical and Experimental Hypertension, 2004, 26, 475-483.	1.3	5
64	Characterisation of advanced glycation endproducts in saliva from patients with diabetes mellitus. Biochemical and Biophysical Research Communications, 2004, 323, 377-381.	2.1	38
65	Differentially expressed genes in hypertensive rats developing cerebral ischemia. Life Sciences, 2004, 74, 1899-1909.	4.3	7
66	Effect of sodium on blood pressure, cardiac hypertrophy, and angiotensin receptor expression in rats. American Journal of Hypertension, 2004, 17, 21-24.	2.0	16
67	N-Acetylcysteine in nephrology; contrast nephropathy and beyond. Current Opinion in Nephrology and Hypertension, 2004, 13, 649-654.	2.0	30
68	The Antioxidant Acetylcysteine Reduces Cardiovascular Events in Patients With End-Stage Renal Failure. Circulation, 2003, 107, 992-995.	1.6	345
69	Identification and Characterization of Adenosine 5′-Tetraphosphate in Human Myocardial Tissue. Journal of Biological Chemistry, 2003, 278, 17735-17740.	3.4	13
70	Identification and Quantification of Diadenosine Polyphosphate Concentrations in Human Plasma. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1231-1238.	2.4	49
71	Oxidative stress: does it play a role in the genesis of essential hypertension and hypertension of uraemia?. Nephrology Dialysis Transplantation, 2003, 18, 1439-1442.	0.7	13
72	Endogenous glycosides in critically ill patients. Critical Care Medicine, 2003, 31, 1331-1337.	0.9	42

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73	The AN69 Hemofiltration Membrane Has a Decreasing Effect on the Intracellular Diadenosine Pentaphosphate Concentration of Platelets. Kidney and Blood Pressure Research, 2003, 26, 50-54.	2.0	6
74	Sleep-related breathing disorders impair quality of life in haemodialysis recipients. Nephrology Dialysis Transplantation, 2002, 17, 1260-1265.	0.7	48
75	Angiotensin-(1-7) Inhibits Angiotensin Il–Induced Signal Transduction. Journal of Cardiovascular Pharmacology, 2002, 40, 693-700.	1.9	50
76	Mean Platelet Volume and Coronary Heart Disease in Hemodialysis Patients. Kidney and Blood Pressure Research, 2002, 25, 103-108.	2.0	46
77	Acetylcysteine and contrast media nephropathy. Current Opinion in Nephrology and Hypertension, 2002, 11, 503-506.	2.0	22
78	Association of calcium channel blockers and mortality in haemodialysis patients. Clinical Science, 2002, 103, 511.	4.3	12
79	A Rare Cause of Pulmonary-Renal Syndrome. Nephron, 2002, 91, 516-520.	1.8	4
80	Effects of glucocorticoids on generation of reactive oxygen species in platelets. Steroids, 2002, 67, 715-719.	1.8	42
81	Endothelial dysfunction in cold-induced hypertensive rats. American Journal of Hypertension, 2002, 15, 176-180.	2.0	39
82	Effect of continuous positive airway pressure therapy on 24-hour blood pressure in patients with obstructive sleep apnea syndrome. American Journal of Hypertension, 2002, 15, 251-257.	2.0	58
83	Effects of dinucleoside polyphosphates on regulation of coronary vascular tone. European Journal of Pharmacology, 2002, 448, 207-213.	3.5	19
84	Efficacy and Tolerability of Angiotensin II Type 1 Receptor Antagonists in Dialysis Patients Using AN69 Dialysis Membranes. Kidney and Blood Pressure Research, 2001, 24, 71-74.	2.0	13
85	Acetylcysteine for radiocontrast nephropathy. Current Opinion in Critical Care, 2001, 7, 390-392.	3.2	8
86	Increased vascular growth in hemodialysis patients induced by platelet-derived diadenosine polyphosphates. Kidney International, 2001, 59, 1134-1141.	5.2	41
87	Characterization of p-hydroxy-hippuric acid as an inhibitor of Ca2+-ATPase in end-stage renal failure. Kidney International, 2001, 59, S84-S88.	5.2	15
88	The critical role of adenosine and guanosine in the affinity of dinucleoside polyphosphates to P2X -receptors in the isolated perfused rat kidney. British Journal of Pharmacology, 2001, 132, 467-474.	5.4	15
89	Dinucleotides as Growth-promoting Extracellular Mediators. Journal of Biological Chemistry, 2001, 276, 8904-8909.	3.4	36
90	Long-Term Effects of Vitamin B ₁₂ , Folate, and Vitamin B ₆ Supplements in Elderly People with Normal Serum Vitamin B ₁₂ Concentrations. Gerontology, 2001, 47, 30-35.	2.8	18

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91	Increased intracellular reactive oxygen species in patients with end-stage renal failure: Effect of hemodialysis. Kidney International, 2000, 58, 867-872.	5.2	80
92	Increased sodium-proton antiporter activity in patients with obstructive sleep apnoea. Journal of Sleep Research, 2000, 9, 285-291.	3.2	8
93	D609–phosphatidylcholine-specific phospholipase C inhibitor attenuates thapsigargin-induced sodium influx in human lymphocytes. Cellular Signalling, 2000, 12, 289-296.	3.6	14
94	Prevention of Radiographic-Contrast-Agent–Induced Reductions in Renal Function by Acetylcysteine. New England Journal of Medicine, 2000, 343, 180-184.	27.0	1,589
95	Isolation and Characterization of Coenzyme A Glutathione Disulfide as a Parathyroid-Derived Vasoconstrictive Factor. Circulation, 2000, 102, 2548-2552.	1.6	5
96	Phospholipase A2 Is Involved in Thapsigargin-Induced Sodium Influx in Human Lymphocytes. Archives of Biochemistry and Biophysics, 2000, 374, 213-221.	3.0	6
97	Involvement of phospholipase D in storeâ€operated calcium influx in vascular smooth muscle cells. FEBS Letters, 2000, 479, 51-56.	2.8	15
98	Activation of Phosphatidylinositol-Specific Phospholipase C by HDL-Associated Lysosphingolipid. Involvement in Mitogenesis but Not in Cholesterol Efflux. Biochemistry, 2000, 39, 15199-15207.	2.5	69
99	Identification of Diadenosine Hexaphosphate in Human Erythrocytes. Hypertension, 1999, 34, 872-875.	2.7	8
100	Regulation of the Na+/H+ antiporter in patients with mild chronic renal failure: Effect of glucose. Kidney International, 1999, 56, 172-180.	5.2	1
101	Chemoattractant- and Mitogen-Induced Generation of Reactive Oxygen Species in Human Lymphocytes: The Role of Calcium. Experimental Physiology, 1999, 84, 515-520.	2.0	8
102	Evidence for two different P2X -receptors mediating vasoconstriction of Ap5 A and Ap6 A in the isolated perfused rat kidney. British Journal of Pharmacology, 1999, 127, 1463-1469.	5.4	24
103	High-Performance Liquid Chromatographic Assay of the Diadenosine Polyphosphates in Human Platelets. Analytical Biochemistry, 1999, 269, 72-78.	2.4	29
104	Effect of dexamethasone on the lymphocytic Na+/H+ antiporter activity. Journal of Hypertension, 1999, 17, 1553-1556.	0.5	0
105	Identification and Characterization of P 1, P 7-Di(adenosine-5′)-heptaphosphate from Human Platelets. Journal of Biological Chemistry, 1999, 274, 23926-23931.	3.4	42
106	Chemoattractant- and mitogen-induced generation of reactive oxygen species in human lymphocytes: the role of calcium. Experimental Physiology, 1999, 84, 515-520.	2.0	5
107	xmins:xocs= http://www.eisevier.com/xmi/xocs/dtd xmins:xs= http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tb="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.w3.org/1998/Math/Math/Math/Math/Math/Math/Math/Math	5.2	8
108	xmins:sb="http://www.elsevier.com/xmi/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x Severe hypertension 22 years after renal transplantation. Lancet, The, 1998, 351, 110-111.	13.7	0

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109	Purinoceptors (P2X-receptor isoforms). Expert Opinion on Therapeutic Targets, 1998, 2, 101-103.	1.0	0
110	HDL ₃ -Mediated Inhibition of Thrombin-Induced Platelet Aggregation and Fibrinogen Binding Occurs via Decreased Production of Phosphoinositide-Derived Second Messengers 1,2-Diacylglycerol and Inositol 1,4,5-tris-Phosphate. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 861-869.	2.4	128
111	Mediation of the vasoactive properties of diadenosine tetraphosphate via various purinoceptors. Journal of Hypertension, 1998, 16, 1939-1943.	0.5	22
112	Phosphatidylcholine-specific Phospholipase C Regulates Thapsigargin-induced Calcium Influx in Human Lymphocytes. Journal of Biological Chemistry, 1997, 272, 32861-32868.	3.4	31
113	Low-Density Lipoproteins Inhibit the Na ⁺ /H ⁺ Antiport in Human Platelets. Circulation, 1997, 95, 1370-1377.	1.6	83
114	Diadenosine polyphosphates regulate cytosolic calcium in human fibroblast cells by interaction with P2x purinoceptors coupled to phospholipase C. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1312, 145-150.	4.1	16
115	Increased lymphocytic exchange activity after hemodialysis: Evidence for an endogenous inhibitor of exchange in patients with end-stage renal failure. Life Sciences, 1996, 59, 1545-1552.	4.3	5
116	High Density Lipoproteins Enhance the Na+/H+ Antiport in Human Platelets. Thrombosis and Haemostasis, $1996, 75, 635-641$.	3.4	28
117	Pulse Pressure Correlates in Humans With a Proscillaridin A Immunoreactive Compound. Hypertension, 1996, 27, 1073-1078.	2.7	56
118	Lymphocytic Na + -H + Exchange Increases After an Oral Glucose Challenge. Circulation Research, 1995, 77, 1024-1029.	4.5	21
119	Diadenosine phosphates and the physiological control of blood pressure. Nature, 1994, 367, 186-188.	27.8	202
120	Thapsigargin-induced [Ca2+]i increase activates sodium influx in human platelets. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1220, 248-252.	4.1	13
121	Effects of Protein Kinase C Activation on Intracellular Ca2+ Distribution in Vascular Smooth Muscle Cells of Spontaneously Hypertensive Rats. Journal of Vascular Research, 1993, 30, 116-120.	1.4	11
122	Erythropoietin induced transmembrane calcium influx in essential hypertension. Life Sciences, 1992, 51, 161-167.	4.3	19
123	A Novel Platelet-Derived Renal Vasoconstrictor Agent in Normotensives and Essential Hypertensives. Journal of Vascular Research, 1992, 29, 281-289.	1.4	16
124	Effect of Inhibition of Na, K-ATPase on Cytosolic Free Sodium and Calcium in Platelets of Spontaneously Hypertensive Rats. American Journal of Hypertension, 1992, 5, 740-743.	2.0	8
125	Erythropoietin increases cytosolic free calcium concentration and thrombin induced changes in cytosolic free calcium in platelets from spontaneously hypertensive rats. Biochemical and Biophysical Research Communications, 1991, 177, 991-997.	2.1	28