

# Rodrig Marculescu

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

2,353  
citations

218677

26  
h-index

265206

42  
g-index

111  
all docs

111  
docs citations

111  
times ranked

4175  
citing authors

#	ARTICLE	IF	CITATIONS
1	V(D)J-mediated Translocations in Lymphoid Neoplasms: A Functional Assessment of Genomic Instability by Cryptic Sites†. <i>Journal of Experimental Medicine</i> , 2002, 195, 85-98.	8.5	150
2	Anti-Spike Protein Assays to Determine SARS-CoV-2 Antibody Levels: a Head-to-Head Comparison of Five Quantitative Assays. <i>Microbiology Spectrum</i> , 2021, 9, e0024721.	3.0	148
3	Side-by-Side Comparison of Three Fully Automated SARS-CoV-2 Antibody Assays with a Focus on Specificity. <i>Clinical Chemistry</i> , 2020, 66, 1405-1413.	3.2	122
4	Renal Elimination of Sclerostin Increases With Declining Kidney Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 248-255.	3.6	113
5	Recombinase, chromosomal translocations and lymphoid neoplasia: Targeting mistakes and repair failures. <i>DNA Repair</i> , 2006, 5, 1246-1258.	2.8	90
6	Protection from age-related increase in lipid biomarkers and inflammation contributes to cardiovascular protection in Gilbert's syndrome. <i>Clinical Science</i> , 2013, 125, 257-264.	4.3	78
7	The gallium complex KP46 exerts strong activity against primary explanted melanoma cells and induces apoptosis in melanoma cell lines. <i>Melanoma Research</i> , 2009, 19, 283-293.	1.2	56
8	Routinely available biomarkers improve prediction of long-term mortality in stable coronary artery disease: the Vienna and Ludwigshafen Coronary Artery Disease (VILCAD) risk score. <i>European Heart Journal</i> , 2012, 33, 2282-2289.	2.2	55
9	Evaluation and comparison of six noninvasive tests for prediction of significant or advanced fibrosis in nonalcoholic fatty liver disease. <i>United European Gastroenterology Journal</i> , 2019, 7, 1113-1123.	3.8	55
10	Serum Levels of Sclerostin and Dickkopf-1: Effects of Age, Gender and Fracture Status. <i>Gerontology</i> , 2014, 60, 493-501.	2.8	53
11	Diagnostic performance and reference values of novel biomarkers of paediatric heart failure. <i>Heart</i> , 2016, 102, 1633-1639.	2.9	48
12	Cross-Regulation of Carbon Monoxide and the Adenosine A2a Receptor in Macrophages. <i>Journal of Immunology</i> , 2007, 178, 5921-5929.	0.8	47
13	Opposite effects of CX3CR1 receptor polymorphisms V249I and T280M on the development of acute coronary syndrome. <i>Thrombosis and Haemostasis</i> , 2005, 93, 949-954.	3.4	43
14	Gallic Acid Improves Health-Associated Biochemical Parameters and Prevents Oxidative Damage of DNA in Type 2 Diabetes Patients: Results of a Placebo-Controlled Pilot Study. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700482.	3.3	42
15	Effect of long-term intranasal oxytocin on sexual dysfunction in premenopausal and postmenopausal women: a randomized trial. <i>Fertility and Sterility</i> , 2015, 104, 715-723.e4.	1.0	38
16	Haem catabolism: a novel modulator of inflammation in Gilbert's syndrome. <i>European Journal of Clinical Investigation</i> , 2013, 43, 912-919.	3.4	36
17	Mild hyperbilirubinaemia as an endogenous mitigator of overweight and obesity: Implications for improved metabolic health. <i>Atherosclerosis</i> , 2018, 269, 306-311.	0.8	36
18	The non-invasive serum biomarker soluble Axl accurately detects advanced liver fibrosis and cirrhosis. <i>Cell Death and Disease</i> , 2017, 8, e3135-e3135.	6.3	34

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19	Features of an altered AMPK metabolic pathway in Gilbert's Syndrome, and its role in metabolic health. <i>Scientific Reports</i> , 2016, 6, 30051.	3.3	32
20	Impact of xanthohumol (a prenylated flavonoid from hops) on DNA stability and other health-related biochemical parameters: Results of human intervention trials. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 773-786.	3.3	32
21	In Vivo Reinsertion of Excised Episomes by the V(D)J Recombinase: A Potential Threat to Genomic Stability. <i>PLoS Biology</i> , 2007, 5, e43.	5.6	31
22	Butyrylcholinesterase Activity Predicts Long-Term Survival in Patients with Coronary Artery Disease. <i>Clinical Chemistry</i> , 2012, 58, 1055-1058.	3.2	31
23	Impact of CYP24A1 overexpression on growth of colorectal tumour xenografts in mice fed with vitamin D and soy. <i>International Journal of Cancer</i> , 2016, 138, 440-450.	5.1	29
24	Vitamin D3 Loading Is Superior to Conventional Supplementation After Weight Loss Surgery in Vitamin D-Deficient Morbidly Obese Patients: a Double-Blind Randomized Placebo-Controlled Trial. <i>Obesity Surgery</i> , 2017, 27, 1196-1207.	2.1	29
25	Effects of unconjugated bilirubin on chromosomal damage in individuals with Gilbert's syndrome measured with the micronucleus cytome assay. <i>Mutagenesis</i> , 2012, 27, 731-735.	2.6	28
26	Active Brown Adipose Tissue Is Associated With a Healthier Metabolic Phenotype in Obesity. <i>Diabetes</i> , 2022, 71, 93-103.	0.6	27
27	Distinct t(7;9)(q34;q32) breakpoints in healthy individuals and individuals with T-ALL. <i>Nature Genetics</i> , 2003, 33, 342-344.	21.4	26
28	Effects of Omega-Loop Gastric Bypass on Vitamin D and Bone Metabolism in Morbidly Obese Bariatric Patients. <i>Obesity Surgery</i> , 2015, 25, 1056-1062.	2.1	25
29	Anti-Genotoxic Potential of Bilirubin <i>In Vivo</i> : Damage to DNA in Hyperbilirubinemic Human and Animal Models. <i>Cancer Prevention Research</i> , 2013, 6, 1056-1063.	1.5	24
30	The tryptophan metabolite picolinic acid suppresses proliferation and metabolic activity of CD4+ T cells and inhibits c-Myc activation. <i>Journal of Leukocyte Biology</i> , 2016, 99, 583-594.	3.3	22
31	Human cytomegalovirus infection downregulates vitamin-D receptor in mammalian cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 356-362.	2.5	22
32	Treatment with n-3 Polyunsaturated Fatty Acids Overcomes the Inverse Association of Vitamin D Deficiency with Inflammation in Severely Obese Patients: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e54634.	2.5	21
33	A new coronary artery disease grading system correlates with numerous routine parameters that were associated with atherosclerosis: a grading system for coronary artery disease severity. <i>Vascular Health and Risk Management</i> , 2014, 10, 641.	2.3	21
34	The Prevalence and Impact of Polycystic Ovary Syndrome in Recurrent Miscarriage: A Retrospective Cohort Study and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 2700.	2.4	21
35	Anti-ruthenium antibodies mimic macro-TSH in electrochemiluminescent immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 1589-94.	2.3	20
36	Impact of HSD17B13 rs72613567 genotype on hepatic decompensation and mortality in patients with portal hypertension. <i>Liver International</i> , 2020, 40, 393-404.	3.9	20

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37	Longer telomeres in chronic, moderate, unconjugated hyperbilirubinaemia: insights from a human study on Gilbert's Syndrome. <i>Scientific Reports</i> , 2016, 6, 22300.	3.3	19
38	Blood and urine levels of heavy metal pollutants in female and male patients with coronary artery disease. <i>Vascular Health and Risk Management</i> , 2014, 10, 311.	2.3	18
39	Only minor differences in renal osteodystrophy features between wild-type and sclerostin knockout mice with chronic kidney disease. <i>Kidney International</i> , 2016, 90, 828-834.	5.2	18
40	Changes in Bone Mineral Density Following Weight Loss Induced by One-Anastomosis Gastric Bypass in Patients with Vitamin D Supplementation. <i>Obesity Surgery</i> , 2018, 28, 3454-3465.	2.1	18
41	Sex differences in brown adipose tissue activity and cold-induced thermogenesis. <i>Molecular and Cellular Endocrinology</i> , 2021, 534, 111365.	3.2	18
42	Brown Adipose Tissue Prevalence Is Lower in Obesity but Its Metabolic Activity Is Intact. <i>Frontiers in Endocrinology</i> , 2022, 13, 858417.	3.5	18
43	Novel Insights into the Mechanism of t(14;18)(q32;q21) Translocation in Follicular Lymphoma. <i>Leukemia and Lymphoma</i> , 2001, 42, 1181-1194.	1.3	17
44	25(OH)D and 1,25(OH)D vitamin D fails to predict sepsis and mortality in a prospective cohort study. <i>Scientific Reports</i> , 2017, 7, 40646.	3.3	17
45	Rheumatoid arthritis in remission. <i>Wiener Klinische Wochenschrift</i> , 2019, 131, 1-7.	1.9	17
46	Thyroid and androgen receptor signaling are antagonized by $\beta$ -Crystallin in prostate cancer. <i>International Journal of Cancer</i> , 2021, 148, 731-747.	5.1	17
47	Gluconeogenesis, But Not Glycogenolysis, Contributes to the Increase in Endogenous Glucose Production by SGLT-2 Inhibition. <i>Diabetes Care</i> , 2021, 44, 541-548.	8.6	16
48	Interleukin-1 cluster combined genotype and restenosis after balloon angioplasty. <i>Thrombosis and Haemostasis</i> , 2003, 90, 491-500.	3.4	14
49	C-reactive protein as a prognostic factor in patients with chordoma of lumbar spine and sacrum: a single center pilot study. <i>World Journal of Surgical Oncology</i> , 2016, 14, 111.	1.9	14
50	Intact vitamin A transport is critical for cold-mediated adipose tissue browning and thermogenesis. <i>Molecular Metabolism</i> , 2020, 42, 101088.	6.5	14
51	Non-invasive detection of portal hypertension by enhanced liver fibrosis score in patients with different aetiologies of advanced chronic liver disease. <i>Liver International</i> , 2020, 40, 1713-1724.	3.9	14
52	CTX (Crosslaps) Rather than Osteopontin Is Associated with Disturbed Glucose Metabolism in Gestational Diabetes. <i>PLoS ONE</i> , 2012, 7, e40947.	2.5	14
53	Sclerostin Declines during Hemodialysis and Appears in Dialysate. <i>Blood Purification</i> , 2014, 38, 30-36.	1.8	13
54	Characteristics of the heme catabolic pathway in mild unconjugated hyperbilirubinemia and their associations with inflammation and disease prevention. <i>Scientific Reports</i> , 2017, 7, 755.	3.3	13

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55	Calcification Propensity of Serum is Independent of Excretory Renal Function. <i>Scientific Reports</i> , 2017, 7, 17941.	3.3	13
56	The effect of phosphate binder therapy with sucroferric oxyhydroxide on calcification propensity in chronic haemodialysis patients: a randomized, controlled, crossover trial. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 631-638.	2.9	13
57	Selenium status in patients with autoimmune and non-autoimmune thyroid diseases from four European countries. <i>Expert Review of Endocrinology and Metabolism</i> , 2014, 9, 685-692.	2.4	12
58	The link between obesity and vitamin D in bariatric patients with omega-loop gastric bypass surgery - a vitamin D supplementation trial to compare the efficacy of postoperative cholecalciferol loading (LOAD): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 328.	1.6	12
59	Physical inactivity increases endostatin and osteopontin in patients with coronary artery disease. <i>Heart and Vessels</i> , 2016, 31, 1603-1608.	1.2	12
60	Hypothyroidism and Hyponatremia: Rather Coincidence Than Causality. <i>Thyroid</i> , 2017, 27, 611-615.	4.5	12
61	Acute HIV Infection Results in Subclinical Inflammatory Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2018, 218, 466-470.	4.0	12
62	Overexpression of PDE4A Acts as Checkpoint Inhibitor Against cAMP-Mediated Immunosuppression in vitro. <i>Frontiers in Immunology</i> , 2019, 10, 1790.	4.8	12
63	Switching to a Healthy Diet Prevents the Detrimental Effects of Western Diet in a Colitis-Associated Colorectal Cancer Model. <i>Nutrients</i> , 2020, 12, 45.	4.1	12
64	Vitamin A levels reflect disease severity and portal hypertension in patients with cirrhosis. <i>Hepatology International</i> , 2020, 14, 1093-1103.	4.2	12
65	The differential activation of cardiovascular hormones across distinct stages of portal hypertension predicts clinical outcomes. <i>Hepatology International</i> , 2021, 15, 1160-1173.	4.2	12
66	Whole-Body Insulin Sensitivity Rather than Body-Mass-Index Determines Fasting and Post-Glucose-Load Growth Hormone Concentrations. <i>PLoS ONE</i> , 2014, 9, e115184.	2.5	11
67	Low-dose Calcium Versus Pentagastrin for Stimulation of Calcitonin in Chronic Hemodialysis Patients: A Pilot Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4704-4711.	3.6	11
68	Fat Soluble Vitamins in Institutionalized Elderly and the Effect of Exercise, Nutrition and Cognitive Training on Their Status – The Vienna Active Aging Study (VAAS): A Randomized Controlled Trial. <i>Nutrients</i> , 2019, 11, 1333.	4.1	11
69	Free fatty acid availability is closely related to myocardial lipid storage and cardiac function in hypoglycemia counterregulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E631-E640.	3.5	10
70	Basal Anti Mullerian hormone levels and endometrial thickness at midcycle can predict the outcome after clomiphene citrate stimulation in anovulatory women with PCOS, a retrospective study. <i>Archives of Gynecology and Obstetrics</i> , 2019, 300, 1751-1757.	1.7	10
71	V(D)J targeting mistakes occur at low frequency in acute lymphoblastic leukemia. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 725-736.	2.8	9
72	The Role of Iron and Erythropoietin in the Association of Fibroblast Growth Factor 23 with Anemia in Chronic Kidney Disease in Humans. <i>Journal of Clinical Medicine</i> , 2020, 9, 2640.	2.4	9

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73	Autoimmunological serum parameters and bone mass density in premature ovarian insufficiency: a retrospective cohort study. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 1109-1115.	1.7	8
74	Oxidative Stress and Related Biomarkers in Gilbert's Syndrome: A Secondary Analysis of Two Case-Control Studies. <i>Antioxidants</i> , 2021, 10, 1474.	5.1	8
75	Correlations and time course of FGF23 and markers of bone metabolism in maintenance hemodialysis patients. <i>Clinical Biochemistry</i> , 2014, 47, 1316-1319.	1.9	7
76	Effect of etelcalcetide on cardiac hypertrophy in hemodialysis patients: a randomized controlled trial (ETECAR-HD). <i>Trials</i> , 2019, 20, 601.	1.6	7
77	Plasma renin levels are associated with cardiac function in primary adrenal insufficiency. <i>Endocrine</i> , 2019, 65, 399-407.	2.3	7
78	Glycated hemoglobin concentrations of red blood cells minimally increase during storage under standard blood banking conditions. <i>Transfusion</i> , 2019, 59, 454-457.	1.6	7
79	A Multidisciplinary Intervention in Childhood Obesity Acutely Improves Insulin Resistance and Inflammatory Markers Independent From Body Composition. <i>Frontiers in Pediatrics</i> , 2020, 8, 52.	1.9	7
80	Differences in Serum Magnesium Levels in Diabetic and Non-Diabetic Patients Following One-Anastomosis Gastric Bypass. <i>Nutrients</i> , 2019, 11, 1984.	4.1	6
81	Bone turnover markers in serum but not in saliva correlate with bone mineral density. <i>Scientific Reports</i> , 2020, 10, 11550.	3.3	6
82	Exclusion of pregnancy in dialysis patients: diagnostic performance of human chorionic gonadotropin. <i>BMC Nephrology</i> , 2020, 21, 70.	1.8	6
83	A simple micro-photometric method for urinary iodine determination. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1749-51.	2.3	5
84	Changes in serum markers of patients with PCOS during consecutive clomiphene stimulation cycles: a retrospective study. <i>Journal of Ovarian Research</i> , 2019, 12, 91.	3.0	4
85	Gilbert's Syndrome and the Gut Microbiota – Insights From the Case-Control BILIHEALTH Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 701109.	3.9	4
86	Characterization of endogenous bile acid composition in individuals with cold-activated brown adipose tissue. <i>Molecular and Cellular Endocrinology</i> , 2021, 536, 111403.	3.2	4
87	The Effect of FGF23 on Cardiac Hypertrophy Is Not Mediated by Systemic Renin-Angiotensin-Aldosterone System in Hemodialysis. <i>Frontiers in Medicine</i> , 2022, 9, 878730.	2.6	4
88	Parameters for Calcium Metabolism in Women with Polycystic Ovary Syndrome Who Undergo Stimulation with Letrozole: A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2597.	2.4	4
89	Measurements of Plasma-Free Metanephrines by Immunoassay Versus Urinary Metanephrines and Catecholamines by Liquid Chromatography with Amperometric Detection for the Diagnosis of Pheochromocytoma/Paraganglioma. <i>Journal of Clinical Medicine</i> , 2020, 9, 3108.	2.4	3
90	The Prognostic Potential of Atrial Natriuretic Peptide on the Development of Postoperative Atrial Fibrillation after Cardiac Surgery. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1523-1529.	3.4	3

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91	Serum metabolomics analysis reveals increased lipid catabolism in mildly hyperbilirubinemic Gilbert's syndrome individuals. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154913.	3.4	3
92	Effect of one-anastomosis gastric bypass on cardiovascular risk factors in patients with vitamin D deficiency and morbid obesity: A secondary analysis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2379-2388.	2.6	2
93	Effects of extracorporeal photopheresis on serum levels of vitamin D: Preliminary Data from a Pilot Study. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2019, 35, 51-53.	1.5	1
94	Copeptin " prognostic relevance as a perioperative marker in pediatric cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2020, , .	1.3	1
95	Oral Contraceptive Intake and Iodine Status in Young Women. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 231-235.	1.9	1
96	Copeptin Levels Are Independent from Mild Therapeutic Hypothermia but Do Not Predict Infarct Size in Patients Presenting with ST-Segment Elevation Myocardial Infarction. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 131.	1.6	1
97	NT-Probnp As Personalized Medicine Tool and New Biomarker Predicting Response to Chemotherapy and Survival in AML. <i>Blood</i> , 2021, 138, 3435-3435.	1.4	1
98	P1308PHOSPHATE-LOWERING USING SUCROFERRIC OXYHYDROXIDE: CALCIFICATION PROPENSITY (T50) IN HEMODIALYSIS PATIENTS. POST-HOC ANALYSES OF A RANDOMIZED, CONTROLLED CLINICAL TRIAL. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0
99	Course of depressive symptomatology and its association with serum uric acid in one-anastomosis gastric bypass patients. <i>Scientific Reports</i> , 2020, 10, 18405.	3.3	0
100	Circulating Myostatin Levels Decrease Transiently after Implantation of a Hip Hemi-Arthroplasty. <i>Gerontology</i> , 2020, 66, 393-400.	2.8	0
101	Placental growth factor levels neither reflect severity of portal hypertension nor portal-hypertensive gastropathy in patients with advanced chronic liver disease. <i>Digestive and Liver Disease</i> , 2021, 53, 345-352.	0.9	0
102	Parathyroid Hormone Concentrations in Maintenance Hemodialysis: Longitudinal Evaluation of Intact and Biointact Assays. <i>Kidney Medicine</i> , 2021, 3, 343-352.e1.	2.0	0
103	SAT-431 Parameters of Glucose Metabolism Independently Predict Post Glucose Load Growth Hormone Concentrations in Patients with Acromegaly. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0