

# Richard J Gumina

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

853  
citations

567281

15  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutralizing antibody responses elicited by SARS-CoV-2 mRNA vaccination wane over time and are boosted by breakthrough infection. <i>Science Translational Medicine</i> , 2022, 14, eabn8057.	12.4	150
2	Neutralization of SARS-CoV-2 Omicron sub-lineages BA.1, BA.1.1, and BA.2. <i>Cell Host and Microbe</i> , 2022, 30, 1093-1102.e3.	11.0	114
3	Transgenic swine: Expression of human CD39 protects against myocardial injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 958-961.	1.9	99
4	Guidelines for in vivo mouse models of myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H1056-H1073.	3.2	53
5	Transgenic over expression of ectonucleotide triphosphate diphosphohydrolase-1 protects against murine myocardial ischemic injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 927-935.	1.9	47
6	BMP Antagonist Gremlin 2 Limits Inflammation After Myocardial Infarction. <i>Circulation Research</i> , 2016, 119, 434-449.	4.5	40
7	E-Cigarettes and Cardiopulmonary Health: Review for Clinicians. <i>Circulation</i> , 2022, 145, 219-232.	1.6	36
8	Role of the CD39/CD73 Purinergic Pathway in Modulating Arterial Thrombosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1809-1820.	2.4	33
9	Neutralization of SARS-CoV-2 Variants of Concern Harboring Q677H. <i>MBio</i> , 2021, 12, e0251021.	4.1	33
10	Impaired neutralizing antibody response to COVID-19 mRNA vaccines in cancer patients. <i>Cell and Bioscience</i> , 2021, 11, 197.	4.8	32
11	Floppy mitral valve/mitral valve prolapse: A complex entity with multiple genotypes and phenotypes. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 308-326.	3.1	29
12	Neuregulin-1 $\beta$ induces proliferation, survival and paracrine signaling in normal human cardiac ventricular fibroblasts. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 105, 59-69.	1.9	27
13	Extracellular nucleotide regulation and signaling in cardiac fibrosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 93, 47-56.	1.9	22
14	Role of adenosine A2B receptor signaling in contribution of cardiac mesenchymal stem-like cells to myocardial scar formation. <i>Purinergic Signalling</i> , 2014, 10, 477-486.	2.2	19
15	Estrogen Receptor- $\beta$ Agonists Modulate T-Lymphocyte Activation and Ameliorate Left Ventricular Remodeling During Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2022, 15, .	3.9	19
16	Trauma-Induced Nanohydroxyapatite Deposition in Skeletal Muscle is Sufficient to Drive Heterotopic Ossification. <i>Calcified Tissue International</i> , 2019, 104, 411-425.	3.1	16
17	Impact of cardiac-specific expression of CD39 on myocardial infarct size in mice. <i>Life Sciences</i> , 2017, 179, 54-59.	4.3	13
18	Complete deletion of Cd39 is atheroprotective in apolipoprotein E-deficient mice. <i>Journal of Lipid Research</i> , 2017, 58, 1292-1305.	4.2	11

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19	Extracorporeal Cardiopulmonary Resuscitation (ECPR) for Out-of-Hospital Cardiac Arrest due to Pulseless Ventricular Tachycardia/Fibrillation. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-9.	1.2	9
20	Cardiovascular Disease, Cancer, and Multimorbidity Interactions: Clinical Implications. <i>Cardiology</i> , 2022, 147, 196-206.	1.4	9
21	Scanning Electron Microscopy of Macerated Tissue to Visualize the Extracellular Matrix. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	6
22	Kcnj11 Ablation Is Associated With Increased Nitro-Oxidative Stress During Ischemia-Reperfusion Injury. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	6
23	Genotype-Guided Use of P2Y12 Inhibitors: A Review of Current State of the Art. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 850028.	2.4	4
24	New Trials and Therapies for Acute Myocardial Infarction. <i>Medical Clinics of North America</i> , 2007, 91, 729-749.	2.5	3
25	Altered ADAMTS5 Expression and Versican Proteolysis: A Possible Molecular Mechanism in Barlow's Disease. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1144-1151.	1.3	3
26	Effect on ex vivo platelet aggregation and in vivo cyclic flow with Na <sup>+</sup> /H <sup>+</sup> exchange inhibition. <i>Journal of Thrombosis and Thrombolysis</i> , 2011, 31, 431-435.	2.1	2
27	Predictors of Contrast Volume in Transcatheter Aortic Valve Replacement. <i>Cardiology</i> , 2020, 145, 608-610.	1.4	0
28	The chicken, the egg, and the elephant: eNOS and NRG1 in fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H292-H293.	3.2	0