

# Mark S Rybchyn

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,089  
citations

623734  
14  
h-index

610901  
24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clusterin Is an ATP-Independent Chaperone with Very Broad Substrate Specificity that Stabilizes Stressed Proteins in a Folding-Competent State. <i>Biochemistry</i> , 2000, 39, 15953-15960.	2.5	234
2	1 $\alpha$ ,25(OH) <sub>2</sub> -Vitamin D and a Nongenomic Vitamin D Analogue Inhibit Ultraviolet Radiation-Induced Skin Carcinogenesis. <i>Cancer Prevention Research</i> , 2011, 4, 1485-1494.	1.5	104
3	The Acute Phase Protein Haptoglobin Is a Mammalian Extracellular Chaperone with an Action Similar to Clusterin. <i>Biochemistry</i> , 2005, 44, 10914-10925.	2.5	101
4	An Akt-dependent Increase in Canonical Wnt Signaling and a Decrease in Sclerostin Protein Levels Are Involved in Strontium Ranelate-induced Osteogenic Effects in Human Osteoblasts. <i>Journal of Biological Chemistry</i> , 2011, 286, 23771-23779.	3.4	97
5	Mildly Acidic pH Activates the Extracellular Molecular Chaperone Clusterin. <i>Journal of Biological Chemistry</i> , 2002, 277, 39532-39540.	3.4	92
6	The Role of the Vitamin D Receptor and ERp57 in Photoprotection by 1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> . <i>Molecular Endocrinology</i> , 2012, 26, 574-582.	3.7	87
7	Uptake of 25-hydroxyvitamin D by muscle and fat cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 232-236.	2.5	52
8	Enhanced Repair of UV-Induced DNA Damage by 1,25-Dihydroxyvitamin D <sub>3</sub> in Skin Is Linked to Pathways that Control Cellular Energy. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1146-1156.	0.7	50
9	The Role of Skeletal Muscle in Maintaining Vitamin D Status in Winter. <i>Current Developments in Nutrition</i> , 2019, 3, nzz087.	0.3	44
10	Vitamin D and Death by Sunshine. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1964-1977.	4.1	38
11	Glucose-loading reduces bone remodeling in women and osteoblast function in vitro. <i>Physiological Reports</i> , 2016, 4, e12700.	1.7	38
12	Skeletal Muscle and the Maintenance of Vitamin D Status. <i>Nutrients</i> , 2020, 12, 3270.	4.1	29
13	Opening of Chloride Channels by 1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> Contributes to Photoprotection against UVR-Induced Thymine Dimers in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2013, 133, 776-782.	0.7	25
14	Homer1 mediates CaSR-dependent activation of mTOR complex 2 and initiates a novel pathway for AKT-dependent $\beta$ -catenin stabilization in osteoblasts. <i>Journal of Biological Chemistry</i> , 2019, 294, 16337-16350.	3.4	17
15	Evidence for Involvement of Nonclassical Pathways in the Protection From UV-Induced DNA Damage by Vitamin D-Related Compounds. <i>JBMR Plus</i> , 2021, 5, e10555.	2.7	13
16	Distinct Effects of a High Fat Diet on Bone in Skeletally Mature and Developing Male C57BL/6J Mice. <i>Nutrients</i> , 2021, 13, 1666.	4.1	11
17	Protection from Ultraviolet Damage and Photocarcinogenesis by Vitamin D Compounds. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1268, 227-253.	1.6	11
18	Nanocellulose from Nata de Coco as a Bioscaffold for Cell-Based Meat. <i>ACS Omega</i> , 2021, 6, 33923-33931.	3.5	11

#	ARTICLE	IF	CITATIONS
19	PTEN: A novel target for vitamin D in melanoma. Journal of Steroid Biochemistry and Molecular Biology, 2022, 218, 106059.	2.5	9
20	Sex Differences in Photoprotective Responses to 1,25-Dihydroxyvitamin D3 in Mice Are Modulated by the Estrogen Receptor- $\beta$ . International Journal of Molecular Sciences, 2021, 22, 1962.	4.1	7
21	The mTORC2 Regulator Homer1 Modulates Protein Levels and Sub-Cellular Localization of the CaSR in Osteoblast-Lineage Cells. International Journal of Molecular Sciences, 2021, 22, 6509.	4.1	7
22	Clinical, cellular, microscopic, and ultrastructural studies of a case of fibrogenesis imperfecta ossium. Bone Research, 2017, 5, 16057.	11.4	6
23	UV $\alpha$ -induced DNA Damage in Skin is Reduced by CaSR Inhibition. Photochemistry and Photobiology, 2022, , .	2.5	3
24	Is it reasonable to ignore vitamin D status for musculoskeletal health?. Faculty Reviews, 2020, 9, 19.	3.9	2