

# Rene F Chun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2485784/publications.pdf>

Version: 2024-02-01

61  
papers

6,161  
citations

94433

37  
h-index

144013

57  
g-index

62  
all docs

62  
docs citations

62  
times ranked

7688  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Type I Interferon Suppresses Type II Interferon-Triggered Human Anti-Mycobacterial Responses. <i>Science</i> , 2013, 339, 1448-1453.  | 12.6 | 359       |
| 2  | Vitamin D and DBP: The free hormone hypothesis revisited. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 132-137.  | 2.5  | 354       |
| 3  | Vitamin D-Directed Rheostatic Regulation of Monocyte Antibacterial Responses. <i>Journal of Immunology</i> , 2009, 182, 4289-4295.  | 0.8  | 349       |
| 4  | Mechanism of Transdominant Inhibition of CCR5-mediated HIV-1 Infection by ccr5 <sup>Δ32</sup> . <i>Journal of Biological Chemistry</i> , 1997, 272, 30603-30606.  | 3.4  | 333       |
| 5  | Impact of vitamin D on immune function: lessons learned from genome-wide analysis. <i>Frontiers in Physiology</i> , 2014, 5, 151.   | 2.8  | 297       |
| 6  | Activation of Integrated Provirus Requires Histone Acetyltransferase. <i>Journal of Biological Chemistry</i> , 1998, 273, 24898-24905.  | 3.4  | 264       |
| 7  | Suppression of Iron-Regulatory Heparin by Vitamin D. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 564-572.  | 6.1  | 252       |
| 8  | Vitamin D Deficiency in Mice Impairs Colonic Antibacterial Activity and Predisposes to Colitis. <i>Endocrinology</i> , 2010, 151, 2423-2432.  | 2.8  | 218       |
| 9  | Oncogenic potential of TAR RNA binding protein TRBP and its regulatory interaction with RNA-dependent protein kinase PKR. <i>EMBO Journal</i> , 1997, 16, 611-624.  | 7.8  | 213       |
| 10 | T-cell cytokines differentially control human monocyte antimicrobial responses by regulating vitamin D metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22593-22598. | 7.1  | 206       |
| 11 | Vitamin D-Binding Protein Directs Monocyte Responses to 25-Hydroxy- and 1,25-Dihydroxyvitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3368-3376.   | 3.6  | 204       |
| 12 | New perspectives on the vitamin D binding protein. <i>Cell Biochemistry and Function</i> , 2012, 30, 445-456.   | 2.9  | 199       |
| 13 | Divergence of Macrophage Phagocytic and Antimicrobial Programs in Leprosy. <i>Cell Host and Microbe</i> , 2009, 6, 343-353.   | 11.0 | 175       |
| 14 | Fibroblast growth factor 23 inhibits extrarenal synthesis of 1,25-dihydroxyvitamin D in human monocytes. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 46-55.   | 2.8  | 163       |
| 15 | HIV-1 Tat Directly Interacts with the Interferon-Induced, Double-Stranded RNA-Dependent Kinase, PKR. <i>Virology</i> , 1995, 213, 413-424.  | 2.4  | 156       |
| 16 | Free 25-Hydroxyvitamin D: Impact of Vitamin D Binding Protein Assays on Racial-Genotypic Associations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2226-2234.  | 3.6  | 145       |
| 17 | Altered Endocrine and Autocrine Metabolism of Vitamin D in a Mouse Model of Gastrointestinal Inflammation. <i>Endocrinology</i> , 2008, 149, 4799-4808.   | 2.8  | 143       |
| 18 | Vitamin D in Defense of the Human Immune Response. <i>Annals of the New York Academy of Sciences</i> , 2007, 1117, 94-105.  | 3.8  | 140       |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Modulation of Sp1 Phosphorylation by Human Immunodeficiency Virus Type 1 Tat. <i>Journal of Virology</i> , 1998, 72, 2615-2629.  | 3.4  | 139       |
| 20 | Regulation of the extrarenal CYP27B1-hydroxylase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 22-27.   | 2.5  | 137       |
| 21 | IL-32 is a molecular marker of a host defense network in human tuberculosis. <i>Science Translational Medicine</i> , 2014, 6, 250ra114.  | 12.4 | 110       |
| 22 | A Human Suppressor of c-Jun N-terminal Kinase 1 Activation by Tumor Necrosis Factor $\alpha$ . <i>Journal of Biological Chemistry</i> , 1997, 272, 25816-25823.  | 3.4  | 108       |
| 23 | Requirements for RNA Polymerase II Carboxyl-terminal Domain for Activated Transcription of Human Retroviruses Human T-Cell Lymphotropic Virus I and HIV-1. <i>Journal of Biological Chemistry</i> , 1996, 271, 27888-27894.            | 3.4  | 105       |
| 24 | Vitamin D Binding Protein and Monocyte Response to 25-Hydroxyvitamin D and 1,25-Dihydroxyvitamin D: Analysis by Mathematical Modeling. <i>PLoS ONE</i> , 2012, 7, e30773.  | 2.5  | 86        |
| 25 | Role of Assay Type in Determining Free 25-Hydroxyvitamin D Levels in Diverse Populations. <i>New England Journal of Medicine</i> , 2016, 374, 1695-1696.   | 27.0 | 83        |
| 26 | Effects of High-Dose Vitamin D2 Versus D3 on Total and Free 25-Hydroxyvitamin D and Markers of Calcium Balance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3070-3078.  | 3.6  | 82        |
| 27 | HIV-1 TAT Inhibits PKR Activity by Both RNA-Dependent and RNA-Independent Mechanisms. <i>Archives of Biochemistry and Biophysics</i> , 2000, 373, 361-367.   | 3.0  | 80        |
| 28 | Back to the future: a new look at $\alpha$ vitamin D. <i>Journal of Endocrinology</i> , 2008, 198, 261-269.  | 2.6  | 77        |
| 29 | Vitamin D activation of functionally distinct regulatory miRNAs in primary human osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1478-1488.   | 2.8  | 72        |
| 30 | Vitamin D Binding Protein and the Biological Activity of Vitamin D. <i>Frontiers in Endocrinology</i> , 2019, 10, 718.   | 3.5  | 72        |
| 31 | Intracellular Vitamin D Binding Proteins: Novel Facilitators of Vitamin D-Directed Transactivation. <i>Molecular Endocrinology</i> , 2000, 14, 1387-1397.  | 3.7  | 60        |
| 32 | Substrate and Enzyme Trafficking as a Means of Regulating 1,25-Dihydroxyvitamin D Synthesis and Action: The Human Innate Immune Response. <i>Journal of Bone and Mineral Research</i> , 2007, 22, V20-V24.                             | 2.8  | 57        |
| 33 | Response element binding proteins and intracellular vitamin D binding proteins: novel regulators of vitamin D trafficking, action and metabolism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 461-465. | 2.5  | 54        |
| 34 | Novel regulators of vitamin D action and metabolism: Lessons learned at the Los Angeles zoo. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 308-314.  | 2.6  | 53        |
| 35 | Single-Dose, Preoperative Vitamin-D Supplementation Decreases Infection in a Mouse Model of Periprosthetic Joint Infection. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1737-1744.                                 | 3.0  | 53        |
| 36 | Effects of Cholecalciferol vs Calcifediol on Total and Free 25-Hydroxyvitamin D and Parathyroid Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1133-1140.   | 3.6  | 44        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Immunomodulation by vitamin D: implications for TB. <i>Expert Review of Clinical Pharmacology</i> , 2011, 4, 583-591.  | 3.1  | 40        |
| 38 | Down-Regulation of Vitamin D Receptor in Mammospheres: Implications for Vitamin D Resistance in Breast Cancer and Potential for Combination Therapy. <i>PLoS ONE</i> , 2013, 8, e53287.  | 2.5  | 39        |
| 39 | 1 $\alpha$ -Hydroxylase and innate immune responses to 25-hydroxyvitamin D in colonic cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 228-233.   | 2.5  | 37        |
| 40 | Differential Responses to Vitamin D2 and Vitamin D3 Are Associated With Variations in Free 25-Hydroxyvitamin D. <i>Endocrinology</i> , 2016, 157, 3420-3430.   | 2.8  | 37        |
| 41 | Critically Ill Children Have Low Vitamin D Binding Protein, Influencing Bioavailability of Vitamin D. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1654-61.  | 3.2  | 33        |
| 42 | Regulation of 1,25-Dihydroxyvitamin D Synthesis by Intracellular Vitamin D Binding Protein-1. <i>Endocrinology</i> , 2002, 143, 4135-4135.   | 2.8  | 32        |
| 43 | Vitamin D supplementation and antibacterial immune responses in adolescents and young adults with HIV/AIDS. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 290-297.   | 2.5  | 32        |
| 44 | Serum and synovial fluid vitamin D metabolites and rheumatoid arthritis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 187, 1-8.  | 2.5  | 28        |
| 45 | Associations of total and free 25OHD and 1,25(OH)2D with serum markers of inflammation in older men. <i>Osteoporosis International</i> , 2016, 27, 2291-2300.  | 3.1  | 27        |
| 46 | Cloning, sequencing, and functional characterization of the vitamin D receptor in vitamin D-resistant New World primates. <i>American Journal of Primatology</i> , 2001, 54, 107-118.  | 1.7  | 26        |
| 47 | Antibacterial Responses by Peritoneal Macrophages Are Enhanced Following Vitamin D Supplementation. <i>PLoS ONE</i> , 2014, 9, e116530.  | 2.5  | 26        |
| 48 | Associations Between Change in Total and Free 25-Hydroxyvitamin D With 24,25-Dihydroxyvitamin D and Parathyroid Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3368-3375.   | 3.6  | 23        |
| 49 | The heterodimeric structure of heterogeneous nuclear ribonucleoprotein C1/C2 dictates 1,25-dihydroxyvitamin D-directed transcriptional events in osteoblasts. <i>Bone Research</i> , 2014, 2, .  | 11.4 | 20        |
| 50 | Vitamin D and alternative splicing of RNA. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 310-317.  | 2.5  | 20        |
| 51 | Concerted effects of heterogeneous nuclear ribonucleoprotein C1/C2 to control vitamin D-directed gene transcription and RNA splicing in human bone cells. <i>Nucleic Acids Research</i> , 2017, 45, 606-618.                                     | 14.5 | 20        |
| 52 | Recovery of glycosylated gag virus from mice infected with a glycosylated gag-negative mutant of moloney murine leukemia virus. <i>Journal of Biomedical Science</i> , 1994, 1, 218-223.   | 7.0  | 16        |
| 53 | Vitamin D-deficiency and sex-specific dysregulation of placental inflammation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 223-230.  | 2.5  | 16        |
| 54 | Co-chaperone potentiation of vitamin D receptor-mediated transactivation: a role for Bcl2-associated athanogene-1 as an intracellular-binding protein for 1,25-dihydroxyvitamin D3. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 81-89. | 2.5  | 15        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Vitamin D, vitamin D-binding protein, free vitamin D and COVID-19 mortality in hospitalized patients. American Journal of Clinical Nutrition, 2022, 115, 1367-1377.  | 4.7 | 12        |
| 56 | Adenosine 5'-Triphosphate-Dependent Vitamin D Sterol Binding to Heat Shock Protein-70 Chaperones. Endocrinology, 2005, 146, 5540-5544.   | 2.8 | 11        |
| 57 | Cloning of a functional 25-hydroxyvitamin D <sub>3</sub> hydroxylase in zebrafish ( <i>Danio rerio</i> ). Cell Biochemistry and Function, 2014, 32, 675-682.   | 2.9 | 5         |
| 58 | Free Vitamin D. , 2018, , 925-937.   |     | 4         |
| 59 | Response element binding proteins and intracellular vitamin D binding proteins: novel regulators of vitamin D trafficking, action and metabolism*1. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 461-461. | 2.5 | 0         |
| 60 | Vitamin D Utilization in Subhuman Primates. , 2004, , 441-456.   |     | 0         |
| 61 | Receptor-Independent Vitamin D Resistance in Subhuman and Human Primates. , 2010, , 715-728.   |     | 0         |