

# Peter VrtaÄnik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5325846/publications.pdf>

Version: 2024-02-01

12  
papers

618  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1299  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The many faces of estrogen signaling. <i>Biochemia Medica</i> , 2014, 24, 329-342.  | 2.7  | 296       |
| 2  | Somatic mutagenesis in satellite cells associates with human skeletal muscle aging. <i>Nature Communications</i> , 2018, 9, 800.  | 12.8 | 94        |
| 3  | MiR-148a the epigenetic regulator of bone homeostasis is increased in plasma of osteoporotic postmenopausal women. <i>Wiener Klinische Wochenschrift</i> , 2016, 128, 519-526.                                  | 1.9  | 63        |
| 4  | Whole genome DNA sequencing provides an atlas of somatic mutagenesis in healthy human cells and identifies a tumor-prone cell type. <i>Genome Biology</i> , 2019, 20, 285.                                      | 8.8  | 46        |
| 5  | Epigenetic enzymes influenced by oxidative stress and hypoxia mimetic in osteoblasts are differentially expressed in patients with osteoporosis and osteoarthritis. <i>Scientific Reports</i> , 2018, 8, 16215. | 3.3  | 31        |
| 6  | Rare progerin-expressing preadipocytes and adipocytes contribute to tissue depletion over time. <i>Scientific Reports</i> , 2017, 7, 4405.  | 3.3  | 24        |
| 7  | Hypoxia mimetic deferoxamine influences the expression of histone acetylation- and DNA methylation-associated genes in osteoblasts. <i>Connective Tissue Research</i> , 2015, 56, 228-235.                      | 2.3  | 18        |
| 8  | Influence of trypsinization and alternative procedures for cell preparation before RNA extraction on RNA integrity. <i>Analytical Biochemistry</i> , 2014, 463, 38-44.  | 2.4  | 16        |
| 9  | VEGF-A is associated with early degenerative changes in cartilage and subchondral bone. <i>Growth Factors</i> , 2018, 36, 263-273.  | 1.7  | 14        |
| 10 | Healthy skeletal muscle aging: The role of satellite cells, somatic mutations and exercise. <i>International Review of Cell and Molecular Biology</i> , 2019, 346, 157-200.                                     | 3.2  | 10        |
| 11 | Analysis of somatic mutations identifies signs of selection during in vitro aging of primary dermal fibroblasts. <i>Aging Cell</i> , 2019, 18, e13010.  | 6.7  | 6         |
| 12 | SO042WHOLE GENOME SEQUENCING OF HUMAN KIDNEY PROGENITORS IDENTIFIES A MUTATION-PRONE CELL TYPE IN THE PROXIMAL TUBULE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .                                 | 0.7  | 0         |