

# Kai Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5050241/publications.pdf>

Version: 2024-02-01

25  
papers

1,359  
citations

567281

15  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascularized 3D printed scaffolds for promoting bone regeneration. <i>Biomaterials</i> , 2019, 190-191, 97-110.	11.4	345
2	SoNar, a Highly Responsive NAD <sup>+</sup> /NADH Sensor, Allows High-Throughput Metabolic Screening of Anti-tumor Agents. <i>Cell Metabolism</i> , 2015, 21, 777-789.	16.2	311
3	Nucleolar Stress: hallmarks, sensing mechanism and diseases. <i>Cell Stress</i> , 2018, 2, 125-140.	3.2	172
4	A redox mechanism underlying nucleolar stress sensing by nucleophosmin. <i>Nature Communications</i> , 2016, 7, 13599.	12.8	94
5	De-SUMOylation of FOXC2 by SENP3 promotes the epithelial-mesenchymal transition in gastric cancer cells. <i>Oncotarget</i> , 2014, 5, 7093-7104.	1.8	55
6	Protective effect of nicotinamide adenine dinucleotide (NAD <sup>+</sup> ) against spinal cord ischemiaâ€”reperfusion injury via reducing oxidative stress-induced neuronal apoptosis. <i>Journal of Clinical Neuroscience</i> , 2017, 36, 114-119.	1.5	43
7	Hydrogen Sulfide Inhibits Autophagic Neuronal Cell Death by Reducing Oxidative Stress in Spinal Cord Ischemia Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	4.0	39
8	A Novel Rhein Derivative Modulates Bone Formation and Resorption and Ameliorates Estrogen-Dependent Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 361-374.	2.8	36
9	Osteoblast Hypoxia-Inducible Factor-1 $\pm$ Pathway Activation Restrains Osteoclastogenesis via the Interleukin-33-MicroRNA-34a-Notch1 Pathway. <i>Frontiers in Immunology</i> , 2017, 8, 1312.	4.8	35
10	DeSUMOylation of MKK7 kinase by the SUMO2/3 protease SENP3 potentiates lipopolysaccharide-induced inflammatory signaling in macrophages. <i>Journal of Biological Chemistry</i> , 2018, 293, 3965-3980.	3.4	32
11	Desferrioxamine reduces ultrahigh-molecular-weight polyethylene-induced osteolysis by restraining inflammatory osteoclastogenesis via heme oxygenase-1. <i>Cell Death and Disease</i> , 2016, 7, e2435-e2435.	6.3	27
12	Double-stranded RNA released from damaged articular chondrocytes promotes cartilage degeneration via Toll-like receptor 3-interleukin-33 pathway. <i>Cell Death and Disease</i> , 2017, 8, e3165-e3165.	6.3	24
13	SF-deferoxamine, a bone-seeking angiogenic drug, prevents bone loss in estrogen-deficient mice. <i>Bone</i> , 2019, 120, 156-165.	2.9	21
14	Nicotinamide Adenine Dinucleotide Protects against Spinal Cord Ischemia Reperfusion Injury-Induced Apoptosis by Blocking Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	19
15	TRAF6 neddylation drives inflammatory arthritis by increasing NF- $\kappa$ B activation. <i>Laboratory Investigation</i> , 2019, 99, 528-538.	3.7	19
16	Development of Small-Molecules Targeting Receptor Activator of Nuclear Factor- $\kappa$ B Ligand (RANKL)â€”Receptor Activator of Nuclear Factor- $\kappa$ B (RANK) Proteinâ€”Protein Interaction by Structure-Based Virtual Screening and Hit Optimization. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 5370-5381.	6.4	16
17	SENP3 Suppresses Osteoclastogenesis by De-conjugating SUMO2/3 from IRF8 in Bone Marrow-Derived Monocytes. <i>Cell Reports</i> , 2020, 30, 1951-1963.e4.	6.4	16
18	Small molecule nASâ€”targeting cAMP response element binding protein (CREB) and CREBâ€”binding protein interaction inhibits breast cancer bone metastasis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1224-1234.	3.6	13

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19	The effects of tranilcypromine on osteoclastogenesis <i>in vitro</i> and <i>in vivo</i> . <i>FASEB Journal</i> , 2019, 33, 9828-9841.	0.5	12
20	Osteocytic HIF-1 $\alpha$ Pathway Manipulates Bone Micro-structure and Remodeling via Regulating Osteocyte Terminal Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 721561.	3.7	11
21	High Mineralization Capacity of IDG-SW3 Cells in 3D Collagen Hydrogel for Bone Healing in Estrogen-Deficient Mice. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 864.	4.1	6
22	$\beta$ -Asarone Attenuates Osteoclastogenesis and Prevents Against Oestrogen-Deficiency Induced Osteoporosis. <i>Frontiers in Pharmacology</i> , 2022, 13, 780590.	3.5	6
23	The extract of <i>Trachelospermum jasminoides</i> (Lindl.) Lem. vines inhibits osteoclast differentiation through the NF- $\kappa$ B, MAPK and AKT signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110341.	5.6	3
24	RXR $\alpha$ Blocks Nerve Regeneration after Spinal Cord Injury by Targeting p66shc. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	4.0	2
25	An 8-year clinical experience with diagnosis and treatment of adrenal lesions with calcification. <i>Scientific Reports</i> , 2022, 12, 6115.	3.3	2