

# Nicholas R Hum

## List of Publications by Year in descending order

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29  
papers

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516710

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docs citations

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1040  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular matrix modulates T cell clearance of malignant cells in vitro. <i>Biomaterials</i> , 2022, 282, 121378.	11.4	8
2	Preexisting Type 1 Diabetes Mellitus Blunts the Development of Posttraumatic Osteoarthritis. <i>JBMR Plus</i> , 2022, 6, e10625.	2.7	8
3	Interactions Between Diabetes Mellitus and Osteoarthritis: From Animal Studies to Clinical Data. <i>JBMR Plus</i> , 2022, 6, e10626.	2.7	5
4	MAVS mediates a protective immune response in the brain to Rift Valley fever virus. <i>PLoS Pathogens</i> , 2022, 18, e1010231.	4.7	12
5	Cadherin 11 Promotes Immunosuppression and Extracellular Matrix Deposition to Support Growth of Pancreatic Tumors and Resistance to Gemcitabine in Mice. <i>Gastroenterology</i> , 2021, 160, 1359-1372.e13.	1.3	41
6	Diabetes Promotes Mild Osteoarthritis in The Streptozotocin-Induced Diabetic Mouse Model. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
7	Single-Cell RNA-Seq Reveals Transcriptomic Heterogeneity and Post-Traumatic Osteoarthritis-Associated Early Molecular Changes in Mouse Articular Chondrocytes. <i>Cells</i> , 2021, 10, 1462.	4.1	44
8	Sclerostin Depletion Induces Inflammation in the Bone Marrow of Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9111.	4.1	5
9	Antibiotic Treatment Prior to Injury Improves Post-Traumatic Osteoarthritis Outcomes in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6424.	4.1	17
10	Single-Cell Transcriptomic Analysis of Tumor-Derived Fibroblasts and Normal Tissue-Resident Fibroblasts Reveals Fibroblast Heterogeneity in Breast Cancer. <i>Cancers</i> , 2020, 12, 1307.	3.7	148
11	LPS-Induced Inflammation Prior to Injury Exacerbates the Development of Post-Traumatic Osteoarthritis in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2229-2241.	2.8	29
12	Electric Fields at Breast Cancer and Cancer Cell Collective Galvanotaxis. <i>Scientific Reports</i> , 2020, 10, 8712.	3.3	22
13	Comparative Molecular Analysis of Cancer Behavior Cultured In Vitro, In Vivo, and Ex Vivo. <i>Cancers</i> , 2020, 12, 690.	3.7	17
14	Manipulation of the Gut Microbiome Alters Acetaminophen Biodisposition in Mice. <i>Scientific Reports</i> , 2020, 10, 4571.	3.3	18
15	Functional and transcriptional characterization of complex neuronal co-cultures. <i>Scientific Reports</i> , 2020, 10, 11007.	3.3	27
16	Global Gene Expression Analysis Identifies Age-Related Differences in Knee Joint Transcriptome during the Development of Post-Traumatic Osteoarthritis in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 364.	4.1	30
17	Methionine Adenosyltransferase 1a (MAT1A) Enhances Cell Survival During Chemotherapy Treatment and is Associated with Drug Resistance in Bladder Cancer PDX Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4983.	4.1	10
18	SOST/Sclerostin Improves Posttraumatic Osteoarthritis and Inhibits MMP2/3 Expression After Injury. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1105-1113.	2.8	47

#	ARTICLE	IF	CITATIONS
19	Tracking Tumor Colonization in Xenograft Mouse Models Using Accelerator Mass Spectrometry. <i>Scientific Reports</i> , 2018, 8, 15013.	3.3	4
20	Global gene expression analysis identifies Mef2c as a potential player in Wnt16-mediated transcriptional regulation. <i>Gene</i> , 2018, 675, 312-321.	2.2	18
21	Conditional Deletion of <i>Sost</i> in MSC-Derived Lineages Identifies Specific Cell-Type Contributions to Bone Mass and B-Cell Development. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1748-1759.	2.8	39
22	Maternal exposure to an environmentally relevant dose of triclocarban results in perinatal exposure and potential alterations in offspring development in the mouse model. <i>PLoS ONE</i> , 2017, 12, e0181996.	2.5	19
23	Wnt co-receptors Lrp5 and Lrp6 differentially mediate Wnt3a signaling in osteoblasts. <i>PLoS ONE</i> , 2017, 12, e0188264.	2.5	26
24	<i>Sostdc1</i> deficiency accelerates fracture healing by promoting the expansion of periosteal mesenchymal stem cells. <i>Bone</i> , 2016, 88, 20-30.	2.9	32
25	Sclerostin antibody treatment improves fracture outcomes in a Type I diabetic mouse model. <i>Bone</i> , 2016, 82, 122-134.	2.9	60
26	Cancer-Osteoblast Interaction Reduces <i>Sost</i> Expression in Osteoblasts and Up-Regulates lncRNA MALAT1 in Prostate Cancer. <i>Microarrays (Basel, Switzerland)</i> , 2015, 4, 503-519.	1.4	32
27	SOST Inhibits Prostate Cancer Invasion. <i>PLoS ONE</i> , 2015, 10, e0142058.	2.5	27
28	Interrogating Transcriptional Regulatory Sequences in Tol2-Mediated <i>Xenopus</i> Transgenics. <i>PLoS ONE</i> , 2013, 8, e68548.	2.5	3
29	IL-17A Increases Doxorubicin Efficacy in Triple Negative Breast Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	1