Yuval Rinkevich

List of Publications by Year
in descending order

52 papers	3,265 citations	218592 26 h-index	233338 45 g-index
55 all docs	55 docs citations	55 times ranked	4167 citing authors

#	Article	IF	Citations
1	Identification and isolation of a dermal lineage with intrinsic fibrogenic potential. Science, 2015, 348, aaa2151.	6.0	520
2	Germ-layer and lineage-restricted stem/progenitors regenerate the mouse digit tip. Nature, 2011, 476, 409-413.	13.7	350
3	Pattern of Pax7 expression during myogenesis in the posthatch chicken establishes a model for satellite cell differentiation and renewal. Developmental Dynamics, 2004, 231, 489-502.	0.8	276
4	InÂVivo Clonal Analysis Reveals Lineage-Restricted Progenitor Characteristics in Mammalian Kidney Development, Maintenance, and Regeneration. Cell Reports, 2014, 7, 1270-1283.	2.9	199
5	Identification and prospective isolation of a mesothelial precursor lineage giving rise to smooth muscle cells and fibroblasts for mammalian internal organs, and their vasculature. Nature Cell Biology, 2012, 14, 1251-1260.	4.6	158
6	Patch repair of deep wounds by mobilized fascia. Nature, 2019, 576, 287-292.	13.7	129
7	Two succeeding fibroblastic lineages drive dermal development and the transition from regeneration to scarring. Nature Cell Biology, 2018, 20, 422-431.	4.6	119
8	Isolation of primitive endoderm, mesoderm, vascular endothelial and trophoblast progenitors from human pluripotent stem cells. Nature Biotechnology, 2012, 30, 531-542.	9.4	102
9	Repeated, Long-Term Cycling of Putative Stem Cells between Niches in a Basal Chordate. Developmental Cell, 2013, 24, 76-88.	3.1	98
10	Systemic Bud Induction and Retinoic Acid Signaling Underlie Whole Body Regeneration in the Urochordate Botrylloides leachi. PLoS Biology, 2007, 5, e71.	2.6	90
11	Piwi positive cells that line the vasculature epithelium, underlie whole body regeneration in a basal chordate. Developmental Biology, 2010, 345, 94-104.	0.9	89
12	Milk exosomes-mediated miR-31-5p delivery accelerates diabetic wound healing through promoting angiogenesis. Drug Delivery, 2022, 29, 214-228.	2.5	88
13	Identification of the Endostyle as a Stem Cell Niche in a Colonial Chordate. Cell Stem Cell, 2008, 3, 456-464.	5.2	86
14	Scars or Regeneration?â€"Dermal Fibroblasts as Drivers of Diverse Skin Wound Responses. International Journal of Molecular Sciences, 2020, 21, 617.	1.8	76
15	Clonal analysis reveals nerve-dependent and independent roles on mammalian hind limb tissue maintenance and regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9846-9851.	3.3	73
16	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. Science Translational Medicine, 2018, 10, .	5.8	70
17	Vasa and the germ line lineage in a colonial urochordate. Developmental Biology, 2009, 331, 113-128.	0.9	68
18	Injury triggers fascia fibroblast collective cell migration to drive scar formation through N-cadherin. Nature Communications, 2020, 11, 5653.	5.8	66

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19	Fibroblasts as confederates of the immune system. Immunological Reviews, 2021, 302, 147-162.	2.8	58
20	The use of lineage tracing to study kidney injury and regeneration. Nature Reviews Nephrology, 2015, 11, 420-431.	4.1	50
21	Mesothelial to mesenchyme transition as a major developmental and pathological player in trunk organs and their cavities. Communications Biology, 2018, 1, 170.	2.0	50
22	Post-surgical adhesions are triggered by calcium-dependent membrane bridges between mesothelial surfaces. Nature Communications, 2020, 11, 3068.	5.8	42
23	Calcium ion cross-linked sodium alginate hydrogels containing deferoxamine and copper nanoparticles for diabetic wound healing. International Journal of Biological Macromolecules, 2022, 202, 657-670.	3.6	42
24	Urochordate whole body regeneration inaugurates a diverse innate immune signaling profile. Developmental Biology, 2007, 312, 131-146.	0.9	38
25	Neutrophils direct preexisting matrix to initiate repair in damaged tissues. Nature Immunology, 2022, 23, 518-531.	7.0	37
26	Defining Skin Fibroblastic Cell Types Beyond CD90. Frontiers in Cell and Developmental Biology, 2018, 6, 133.	1.8	32
27	Live Fibroblast Harvest Reveals Surface Marker Shift <i>In Vitro</i>. Tissue Engineering - Part C: Methods, 2015, 21, 314-321.	1.1	26
28	Local and transient inhibition of p21 expression ameliorates ageâ€related delayed wound healing. Wound Repair and Regeneration, 2020, 28, 49-60.	1.5	26
29	Connexin43 gap junction drives fascia mobilization and repair of deep skin wounds. Matrix Biology, 2021, 97, 58-71.	1.5	26
30	Neutrophil and monocyte kinetics play critical roles in mouse peritoneal adhesion formation. Blood Advances, 2019, 3, 2713-2721.	2.5	25
31	Dynamic Patterns of Clonal Evolution in Tumor Vasculature Underlie Alterations in Lymphocyteâ€“Endothelial Recognition to Foster Tumor Immune Escape. Cancer Research, 2016, 76, 1348-1353.	0.4	23
32	Cell signaling and transcription factor genes expressed during whole body regeneration in a colonial chordate. BMC Developmental Biology, 2008, 8, 100.	2.1	22
33	Distinct fibroblasts in scars and regeneration. Current Opinion in Genetics and Development, 2021, 70, 7-14.	1.5	17
34	Injuries to appendage extremities and digit tips: A clinical and cellular update. Developmental Dynamics, 2015, 244, 641-650.	0.8	16
35	Cutting into wound repair. FEBS Journal, 2022, 289, 5034-5048.	2.2	13
36	Furnishing Wound Repair by the Subcutaneous Fascia. International Journal of Molecular Sciences, 2021, 22, 9006.	1.8	13

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37	Stem Cells in Aquatic Invertebrates: Common Premises and Emerging Unique Themes. , 2009, , 61-103.		12
38	The â€œStars and Stripesâ€•Metaphor for Animal Regeneration-Elucidating Two Fundamental Strategies along a Continuum. Cells, 2013, 2, 1-18.	1.8	11
39	Localized hepatic lobular regeneration by central-veinâ€“associated lineage-restricted progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3654-3659.	3.3	8
40	Converting fibroblastic fates leads to wound healing without scar. Signal Transduction and Targeted Therapy, 2021, 6, 332.	7.1	6
41	Transcriptome landscapes that signify Botrylloides leachi (Ascidiacea) torpor states. Developmental Biology, 2022, 490, 22-36.	0.9	5
42	Employing marine invertebrate cell culture media for isolation and cultivation of thraustochytrids. Botanica Marina, 2021, 64, 447-454.	0.6	4
43	Genital Wound Repair and Scarring. Medical Sciences (Basel, Switzerland), 2022, 10, 23.	1.3	2
44	<i>En1</i> fibroblasts and melanoma. Melanoma Management, 2015, 2, 191-192.	0.1	1
45	Partial Lobular Hepatectomy: A Surgical Model for Morphologic Liver Regeneration. Journal of Visualized Experiments, 2018, , .	0.2	1
46	Epidermal-Derived Hedgehog Signaling Drives Mesenchymal Proliferation during Digit Tip Regeneration. Journal of Clinical Medicine, 2021, 10, 4261.	1.0	1
47	Denervation of Mouse Lower Hind Limb by Sciatic and Femoral Nerve Transection. Bio-protocol, 2016, 6, .	0.2	1
48	Function and Origin of a Fibroblast Lineage Contributing to Dermal Development, Cutaneous Scarring, and Cancer Stroma. Journal of Surgical Research, 2014, 186, 689.	0.8	0
49	Identification and Targeted Inhibition of a Fibroblast Lineage Responsible for Skin Scarring and Cancer Stroma. Journal of the American College of Surgeons, 2014, 219, S84-S85.	0.2	0
50	A conditional mouse model of malignant pleural mesothelioma. , 2016, , .		0
51	States and Fates of Skin Fibroblasts Revealed through Chromatin Accessibility. Journal of Investigative Dermatology, 2022, , .	0.3	0
52	Visualizing Scar Development Using SCAD Assay - An Ex-situ Skin Scarring Assay. Journal of Visualized Experiments, 2022, , .	0.2	0