

Yuval Rinkevich

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,265
citations

218677

26
h-index

233421

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. <i>Science</i> , 2015, 348, aaa2151.	12.6	520
2	Germ-layer and lineage-restricted stem/progenitors regenerate the mouse digit tip. <i>Nature</i> , 2011, 476, 409-413.	27.8	350
3	Pattern of Pax7 expression during myogenesis in the posthatch chicken establishes a model for satellite cell differentiation and renewal. <i>Developmental Dynamics</i> , 2004, 231, 489-502.	1.8	276
4	InÂVivo Clonal Analysis Reveals Lineage-Restricted Progenitor Characteristics in Mammalian Kidney Development, Maintenance, and Regeneration. <i>Cell Reports</i> , 2014, 7, 1270-1283.	6.4	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. <i>Nature Cell Biology</i> , 2012, 14, 1251-1260.	10.3	158
6	Patch repair of deep wounds by mobilized fascia. <i>Nature</i> , 2019, 576, 287-292.	27.8	129
7	Two succeeding fibroblastic lineages drive dermal development and the transition from regeneration to scarring. <i>Nature Cell Biology</i> , 2018, 20, 422-431.	10.3	119
8	Isolation of primitive endoderm, mesoderm, vascular endothelial and trophoblast progenitors from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2012, 30, 531-542.	17.5	102
9	Repeated, Long-Term Cycling of Putative Stem Cells between Niches in a Basal Chordate. <i>Developmental Cell</i> , 2013, 24, 76-88.	7.0	98
10	Systemic Bud Induction and Retinoic Acid Signaling Underlie Whole Body Regeneration in the Urochordate <i>Botrylloides leachi</i> . <i>PLoS Biology</i> , 2007, 5, e71.	5.6	90
11	Piwi positive cells that line the vasculature epithelium, underlie whole body regeneration in a basal chordate. <i>Developmental Biology</i> , 2010, 345, 94-104.	2.0	89
12	Milk exosomes-mediated miR-31-5p delivery accelerates diabetic wound healing through promoting angiogenesis. <i>Drug Delivery</i> , 2022, 29, 214-228.	5.7	88
13	Identification of the Endostyle as a Stem Cell Niche in a Colonial Chordate. <i>Cell Stem Cell</i> , 2008, 3, 456-464.	11.1	86
14	Scars or Regeneration?â€”Dermal Fibroblasts as Drivers of Diverse Skin Wound Responses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 617.	4.1	76
15	Clonal analysis reveals nerve-dependent and independent roles on mammalian hind limb tissue maintenance and regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9846-9851.	7.1	73
16	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	70
17	Vasa and the germ line lineage in a colonial urochordate. <i>Developmental Biology</i> , 2009, 331, 113-128.	2.0	68
18	Injury triggers fascia fibroblast collective cell migration to drive scar formation through N-cadherin. <i>Nature Communications</i> , 2020, 11, 5653.	12.8	66

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19	Fibroblasts as confederates of the immune system. <i>Immunological Reviews</i> , 2021, 302, 147-162.	6.0	58
20	The use of lineage tracing to study kidney injury and regeneration. <i>Nature Reviews Nephrology</i> , 2015, 11, 420-431.	9.6	50
21	Mesothelial to mesenchyme transition as a major developmental and pathological player in trunk organs and their cavities. <i>Communications Biology</i> , 2018, 1, 170.	4.4	50
22	Post-surgical adhesions are triggered by calcium-dependent membrane bridges between mesothelial surfaces. <i>Nature Communications</i> , 2020, 11, 3068.	12.8	42
23	Calcium ion cross-linked sodium alginate hydrogels containing deferoxamine and copper nanoparticles for diabetic wound healing. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 657-670.	7.5	42
24	Urochordate whole body regeneration inaugurates a diverse innate immune signaling profile. <i>Developmental Biology</i> , 2007, 312, 131-146.	2.0	38
25	Neutrophils direct preexisting matrix to initiate repair in damaged tissues. <i>Nature Immunology</i> , 2022, 23, 518-531.	14.5	37
26	Defining Skin Fibroblastic Cell Types Beyond CD90. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 133.	3.7	32
27	Live Fibroblast Harvest Reveals Surface Marker Shift <i>In Vitro</i> . <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 314-321.	2.1	26
28	Local and transient inhibition of p21 expression ameliorates age-related delayed wound healing. <i>Wound Repair and Regeneration</i> , 2020, 28, 49-60.	3.0	26
29	Connexin43 gap junction drives fascia mobilization and repair of deep skin wounds. <i>Matrix Biology</i> , 2021, 97, 58-71.	3.6	26
30	Neutrophil and monocyte kinetics play critical roles in mouse peritoneal adhesion formation. <i>Blood Advances</i> , 2019, 3, 2713-2721.	5.2	25
31	Dynamic Patterns of Clonal Evolution in Tumor Vasculature Underlie Alterations in Lymphocyte-Endothelial Recognition to Foster Tumor Immune Escape. <i>Cancer Research</i> , 2016, 76, 1348-1353.	0.9	23
32	Cell signaling and transcription factor genes expressed during whole body regeneration in a colonial chordate. <i>BMC Developmental Biology</i> , 2008, 8, 100.	2.1	22
33	Distinct fibroblasts in scars and regeneration. <i>Current Opinion in Genetics and Development</i> , 2021, 70, 7-14.	3.3	17
34	Injuries to appendage extremities and digit tips: A clinical and cellular update. <i>Developmental Dynamics</i> , 2015, 244, 641-650.	1.8	16
35	Cutting into wound repair. <i>FEBS Journal</i> , 2022, 289, 5034-5048.	4.7	13
36	Furnishing Wound Repair by the Subcutaneous Fascia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9006.	4.1	13

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37	Stem Cells in Aquatic Invertebrates: Common Premises and Emerging Unique Themes. , 2009, , 61-103.		12
38	The “Stars and Stripes” Metaphor for Animal Regeneration-Elucidating Two Fundamental Strategies along a Continuum. Cells, 2013, 2, 1-18.	4.1	11
39	Localized hepatic lobular regeneration by central-vein-associated lineage-restricted progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3654-3659.	7.1	8
40	Converting fibroblastic fates leads to wound healing without scar. Signal Transduction and Targeted Therapy, 2021, 6, 332.	17.1	6
41	Transcriptome landscapes that signify Botrylloides leachi (Ascidacea) torpor states. Developmental Biology, 2022, 490, 22-36.	2.0	5
42	Employing marine invertebrate cell culture media for isolation and cultivation of thraustochytrids. Botanica Marina, 2021, 64, 447-454.	1.2	4
43	Genital Wound Repair and Scarring. Medical Sciences (Basel, Switzerland), 2022, 10, 23.	2.9	2
44	<i>En1</i> fibroblasts and melanoma. Melanoma Management, 2015, 2, 191-192.	0.5	1
45	Partial Lobular Hepatectomy: A Surgical Model for Morphologic Liver Regeneration. Journal of Visualized Experiments, 2018, , .	0.3	1
46	Epidermal-Derived Hedgehog Signaling Drives Mesenchymal Proliferation during Digit Tip Regeneration. Journal of Clinical Medicine, 2021, 10, 4261.	2.4	1
47	Denervation of Mouse Lower Hind Limb by Sciatic and Femoral Nerve Transection. Bio-protocol, 2016, 6, .	0.4	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.	1.6	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.	0.5	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, , .	0.7	0
52	Visualizing Scar Development Using SCAD Assay - An <i>in situ</i> Skin Scarring Assay. Journal of Visualized Experiments, 2022, , .	0.3	0