

# Karim Fawzy El-Sayed

## List of Publications by Year in descending order

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63  
papers

1,977  
citations

236612

25  
h-index

264894

42  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniscrew implant-supported maxillary canine retraction with and without corticotomy-facilitated orthodontics. American Journal of Orthodontics and Dentofacial Orthopedics, 2011, 139, 252-259.	0.8	171
2	Gingival Mesenchymal Stem/Progenitor Cells: A Unique Tissue Engineering Gem. Stem Cells International, 2016, 2016, 1-16.	1.2	143
3	Predictors for tooth loss in periodontitis patients: Systematic review and meta-analysis. Journal of Clinical Periodontology, 2019, 46, 699-712.	2.3	103
4	Retention of questionable and hopeless teeth in compliant patients treated for aggressive periodontitis. Journal of Clinical Periodontology, 2011, 38, 707-714.	2.3	84
5	Oral Mesenchymal Stem/Progenitor Cells: The Immunomodulatory Masters. Stem Cells International, 2020, 2020, 1-16.	1.2	84
6	Periodontal regeneration employing gingival margin-derived stem/progenitor cells: an animal study. Journal of Clinical Periodontology, 2012, 39, 861-870.	2.3	79
7	Periodontal regeneration employing gingival margin-derived stem/progenitor cells in conjunction with IL-1 $\alpha$ hydrogel synthetic extracellular matrix. Journal of Clinical Periodontology, 2015, 42, 448-457.	2.3	71
8	Dental Stem Cell-Derived Secretome/Conditioned Medium: The Future for Regenerative Therapeutic Applications. Stem Cells International, 2020, 2020, 1-29.	1.2	69
9	Isolation and characterisation of human gingival margin-derived STRO-1/MACS+ and MACS $\alpha$ cell populations. International Journal of Oral Science, 2015, 7, 80-88.	3.6	67
10	Inhibition of Streptococcus mutans Growth and Biofilm Formation by Probiotics in vitro. Caries Research, 2017, 51, 87-95.	0.9	61
11	The periodontal stem/progenitor cell inflammatory-regenerative cross talk: A new perspective. Journal of Periodontal Research, 2019, 54, 81-94.	1.4	57
12	Toll-like Receptor Expression Profile of Human Dental Pulp Stem/Progenitor Cells. Journal of Endodontics, 2016, 42, 413-417.	1.4	51
13	Toothbrushing Education via a Smart Software Visualization System. Journal of Periodontology, 2013, 84, 186-195.	1.7	44
14	Hydrogels and Dentin-Pulp Complex Regeneration: From the Benchtop to Clinical Translation. Polymers, 2020, 12, 2935.	2.0	44
15	Tissue Engineering Approaches for Enamel, Dentin, and Pulp Regeneration: An Update. Stem Cells International, 2020, 2020, 1-15.	1.2	43
16	Local application of hyaluronan gel in conjunction with periodontal surgery: a randomized controlled trial. Clinical Oral Investigations, 2012, 16, 1229-1236.	1.4	41
17	Animal Models for Periodontal Tissue Engineering: A Knowledge-Generating Process. Tissue Engineering - Part C: Methods, 2017, 23, 900-925.	1.1	35
18	IL-1/TNF- $\alpha$ Inflammatory and Anti-Inflammatory Synchronization Affects Gingival Stem/Progenitor Cells' Regenerative Attributes. Stem Cells International, 2017, 2017, 1-9.	1.2	35

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19	Stem Cell Transplantation for Pulpal Regeneration: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2015, 21, 451-460.	2.5	34
20	TLR expression profile of human gingival margin-derived stem progenitor cells. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2016, 21, e30-e38.	0.7	34
21	TLR-induced immunomodulatory cytokine expression by human gingival stem/progenitor cells. <i>Cellular Immunology</i> , 2018, 326, 60-67.	1.4	33
22	Alveolar ridge preservation using autogenous whole tooth versus demineralized dentin grafts: A randomized controlled clinical trial. <i>Clinical Oral Implants Research</i> , 2021, 32, 539-548.	1.9	32
23	The Dental Pulp Stem/Progenitor Cells-Mediated Inflammatory-Regenerative Axis. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 445-460.	2.5	29
24	Dental implants combined with sinus augmentation: What is the merit of bone grafting? A systematic review. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1607-1617.	0.7	28
25	TLR expression profile of human alveolar bone proper-derived stem/progenitor cells and osteoblasts. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 2054-2060.	0.7	28
26	<i>Porphyromonas gingivalis</i> lipopolysaccharides affect gingival stem/progenitor cells attributes through NF- $\kappa$ B, but not Wnt/ $\beta$ -catenin, pathway. <i>Journal of Clinical Periodontology</i> , 2017, 44, 1112-1122.	2.3	28
27	Isolation and characterization of multipotent postnatal stem/progenitor cells from human alveolar bone proper. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, 735-742.	0.7	27
28	Retinol/inflammation affect stemness and differentiation potential of gingival stem/progenitor cells via Wnt/ $\beta$ -catenin. <i>Journal of Periodontal Research</i> , 2019, 54, 413-423.	1.4	27
29	Mesenchymal Stem/Progenitor Cells: The Prospect of Human Clinical Translation. <i>Stem Cells International</i> , 2020, 2020, 1-45.	1.2	26
30	Adult Mesenchymal Stem Cells Explored in the Dental Field. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 89-103.	0.6	24
31	Effect of Emdogain enamel matrix derivative and BMP-2 on the gene expression and mineralized nodule formation of alveolar bone proper-derived stem/progenitor cells. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 568-576.	0.7	21
32	Stem/progenitor cell-mediated pulpal tissue regeneration: a systematic review and meta-analysis. <i>International Endodontic Journal</i> , 2019, 52, 1573-1585.	2.3	21
33	Effect of Polymeric Matrix Stiffness on Osteogenic Differentiation of Mesenchymal Stem/Progenitor Cells: Concise Review. <i>Polymers</i> , 2021, 13, 2950.	2.0	21
34	Peripheral Blood Monocytes as Adult Stem Cells: Molecular Characterization and Improvements in Culture Conditions to Enhance Stem Cell Features and Proliferative Potential. <i>Stem Cells International</i> , 2016, 2016, 1-7.	1.2	20
35	Alvogyl and absorbable gelatin sponge as palatal wound dressings following epithelialized free gingival graft harvest: a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2020, 24, 1517-1525.	1.4	19
36	Impact of combined CO2 laser irradiation and fluoride on enamel and dentin biofilm-induced mineral loss. <i>Clinical Oral Investigations</i> , 2017, 21, 1243-1250.	1.4	18

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37	Investigation of the regenerative potential of necrotic mature teeth following different revascularisation protocols. <i>Australian Endodontic Journal</i> , 2017, 43, 73-82.	0.6	17
38	Effect of periodontitis history on implant success: a long-term evaluation during supportive periodontal therapy in a university setting. <i>Clinical Oral Investigations</i> , 2018, 22, 235-244.	1.4	16
39	Removal of simulated biofilm: an evaluation of the effect on root surfaces roughness after scaling. <i>Clinical Oral Investigations</i> , 2017, 21, 1021-1028.	1.4	15
40	Whey Protein Complexes with Green Tea Polyphenols: Antimicrobial, Osteoblast-Stimulatory, and Antioxidant Activities. <i>Cells Tissues Organs</i> , 2018, 206, 106-118.	1.3	15
41	Toll-like Receptor Expression Profile of Human Stem/Progenitor Cells Form the Apical Papilla. <i>Journal of Endodontics</i> , 2020, 46, 1623-1630.	1.4	14
42	Ascorbic Acid, Inflammatory Cytokines (IL-1 $\beta$ /TNF- $\alpha$ /IFN- $\gamma$ ), or Their Combination's Effect on Stemness, Proliferation, and Differentiation of Gingival Mesenchymal Stem/Progenitor Cells. <i>Stem Cells International</i> , 2020, 2020, 1-14.	1.2	14
43	Induced Pluripotent Stem Cells in Dental and Nondental Tissue Regeneration: A Review of an Unexploited Potential. <i>Stem Cells International</i> , 2020, 2020, 1-24.	1.2	12
44	TLR3 ligation affects differentiation and stemness properties of gingival mesenchymal stem/progenitor cells. <i>Journal of Clinical Periodontology</i> , 2020, 47, 991-1005.	2.3	11
45	Clinical and radiographic effects of ascorbic acid-augmented platelet-rich fibrin versus platelet-rich fibrin alone in intra-osseous defects of stage-III periodontitis patients: a randomized controlled clinical trial. <i>Clinical Oral Investigations</i> , 2021, 25, 6309-6319.	1.4	11
46	Ultra-short versus standard-length dental implants in conjunction with osteotome-mediated sinus floor elevation: A randomized controlled clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2021, 23, 520-529.	1.6	11
47	Cell-Based Transplantation versus Cell Homing Approaches for Pulp-Dentin Complex Regeneration. <i>Stem Cells International</i> , 2021, 2021, 1-23.	1.2	11
48	Cellular properties of human gingival fibroblasts on novel and conventional implant-abutment materials. <i>Dental Materials</i> , 2022, 38, 540-548.	1.6	10
49	Effect of total sonicated <i>Aggregatibacter actinomycetemcomitans</i> fragments on gingival stem/progenitor cells. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2018, 23, 0-0.	0.7	8
50	Ascorbic Acid/Retinol and/or Inflammatory Stimuli's Effect on Proliferation/Differentiation Properties and Transcriptomics of Gingival Stem/Progenitor Cells. <i>Cells</i> , 2021, 10, 3310.	1.8	7
51	Pluripotency Gene Expression and Growth Control in Cultures of Peripheral Blood Monocytes during Their Conversion into Programmable Cells of Monocytic Origin (PCMO): Evidence for a Regulatory Role of Autocrine Activin and TGF- $\beta$ . <i>PLoS ONE</i> , 2015, 10, e0118097.	1.1	6
52	Secreted frizzled-related protein 5 serum levels in human periodontitis: A nested case-control study. <i>Journal of Clinical Periodontology</i> , 2019, 46, 522-528.	2.3	6
53	Effect of locally delivered adjunctive antibiotics during surgical periodontal therapy: a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2021, 25, 5127-5138.	1.4	6
54	In vitro evaluation of the effect of the electronic cigarette aerosol, Cannabis smoke, and conventional cigarette smoke on the properties of gingival fibroblasts/gingival mesenchymal stem cells. <i>Journal of Periodontal Research</i> , 2022, 57, 104-114.	1.4	6

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55	Root damage induced by intraosseous anesthesia-An in vitro investigation. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2013, 18, e130-e134.	0.7	5
56	Toll-Like Receptors: The Key of Immunotherapy in MSCs. , 0, , .		5
57	Vitamin C and Omega-3 Fatty Acid Intake Is Associated with Human Periodontitisâ€”A Nested Case-Control Study. <i>Nutrients</i> , 2022, 14, 1939.	1.7	4
58	Effects of Periodontal Endoscopy-Assisted Nonsurgical Treatment of Periodontitis: Four-Month Results of a Randomized Controlled Split-Mouth Pilot Study. <i>International Journal of Dentistry</i> , 2022, 2022, 1-10.	0.5	3
59	Thymoquinone-Mediated Modulation of Toll-like Receptors and Pluripotency Factors in Gingival Mesenchymal Stem/Progenitor Cells. <i>Cells</i> , 2022, 11, 1452.	1.8	3
60	Toll-Like Receptor 3. , 2022, , 1-24.		2
61	Dental Mesenchymal Stem/Progenitor Cells: A New Prospect in Regenerative Medicine. , 2021, , 135-156.		1
62	2D radiographs, coneâ€”beam computed tomography and 3D CBCTâ€”based planning software in access cavity preparation: A single blinded randomised controlled inâ€”vitro study. <i>Australian Endodontic Journal</i> , 2021, , .	0.6	0
63	Stem Cell-Based Tissue Engineering for Functional Enamel and Dentin/Pulp Complex: A Potential Alternative to the Restorative Therapies. , 2021, , 157-174.		0