

Karthikeyan Subramani

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

843
citations

840585

11
h-index

642610

23
g-index

41
all docs

41
docs citations

41
times ranked

1723
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Magnetic Resonance Imaging Tracking of Stem Cells in Vivo Using Iron Oxide Nanoparticles as a Tool for the Advancement of Clinical Regenerative Medicine. <i>Chemical Reviews</i> , 2011, 111, 253-280. | 23.0 | 385 |
| 2 | Targeting Nanoparticles as Drug Delivery Systems for Cancer Treatment. <i>Current Nanoscience</i> , 2009, 5, 135-140. | 0.7 | 84 |
| 3 | Decontamination of titanium implant surface and re-osseointegration to treat peri-implantitis: a literature review. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012, 27, 1043-54. | 0.6 | 75 |
| 4 | Guided bone regeneration with a synthetic biodegradable membrane: a comparative study in dogs. <i>Clinical Oral Implants Research</i> , 2011, 22, 802-807. | 1.9 | 38 |
| 5 | Self-Assembly of Proteins and Peptides and their Applications in Bionanotechnology. <i>Current Nanoscience</i> , 2008, 4, 201-207. | 0.7 | 27 |
| 6 | Fabrication of poly(ethylene glycol) hydrogel micropatterns with osteoinductive growth factors and evaluation of the effects on osteoblast activity and function. <i>Biomedical Materials (Bristol)</i> , 2006, 1, 144-154. | 1.7 | 24 |
| 7 | In vitro evaluation of osteoblast responses to carbon nanotube-coated titanium surfaces. <i>Progress in Orthodontics</i> , 2016, 17, 23. | 1.3 | 24 |
| 8 | Applications of nanotechnology in drug delivery systems for the treatment of cancer and diabetes. <i>International Journal of Nanotechnology</i> , 2006, 3, 557. | 0.1 | 20 |
| 9 | Biodegradation, soft and hard tissue integration of various polyethylene glycol hydrogels: a histomorphometric study in rabbits. <i>Clinical Oral Implants Research</i> , 2011, 22, 1247-1254. | 1.9 | 19 |
| 10 | Innovative technology of engineering magnetic DNA nanoparticles for gene therapy. <i>International Journal of Nanotechnology</i> , 2011, 8, 724. | 0.1 | 18 |
| 11 | In vitro physicochemical evaluation of DNA nanoparticles. <i>International Journal of Nanotechnology</i> , 2011, 8, 736. | 0.1 | 16 |
| 12 | Titanium Surface Modification Techniques for Dental Implants – From Microscale to Nanoscale. , 2012, , 85-102. | | 14 |
| 13 | Bone Regeneration around Dental Implants as a Treatment for Peri-Implantitis: A Review of the Literature. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 0, 11, 21-33. | 0.7 | 13 |
| 14 | Titanium Surface Modification Techniques for Implant Fabrication – From Microscale to the Nanoscale. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 0, 5, 39-56. | 0.7 | 11 |
| 15 | Practice of lingual orthodontics and practitioners’ opinion and experience with lingual braces in the United States. <i>Journal of Clinical and Experimental Dentistry</i> , 2021, 13, e789-e794. | 0.5 | 8 |
| 16 | Comparative evaluation of orthodontic bracket base shapes on shear bond strength and adhesive remnant index: An in vitro study. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0. | 0.5 | 8 |
| 17 | Nanoparticulate Drug Delivery Systems for Oral Cancer Treatment. , 2012, , 333-345. | | 7 |
| 18 | Micropatterning of Poly (Ethylene Glycol)-Diacrylate (PEG-DA) Hydrogel by Soft-Photolithography for Analysis of Cell-Biomaterial Interactions. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 2009, 2, 3-14. | 0.7 | 5 |

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|----|---|-----|-----------|
| 19 | Nanodiagnostics in Microbiology and Dentistry. , 2012, , 365-390. | | 5 |
| 20 | In vitro evaluation of antimicrobial activity of chlorhexidine hexametaphosphate nanoparticle coatings on orthodontic elastomeric chains. Materials Research Express, 2020, 7, 075401. | 0.8 | 5 |
| 21 | Self-Assembly of Proteins and Peptides and Their Applications in Bionanotechnology and Dentistry. , 2012, , 209-224. | | 4 |
| 22 | Fabrication of PEG Hydrogel Micropatterns by Soft-Photolithography and PEG Hydrogel as Guided Bone Regeneration Membrane in Dental Implantology. , 2012, , 171-187. | | 3 |
| 23 | Introduction to Nanotechnology. , 2013, , 3-16. | | 3 |
| 24 | The effect of dental chair light exposure duration on shear bond strength of orthodontic brackets: An in vitro study. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0. | 0.5 | 3 |
| 25 | Titanium Nanotubes as Carriers of Osteogenic Growth Factors and Antibacterial Drugs for Applications in Dental Implantology. , 2012, , 103-111. | | 2 |
| 26 | Bone Regeneration Using Self-Assembled Nanoparticle-Based Scaffolds. , 2012, , 225-237. | | 2 |
| 27 | Effect of Chitosan, Chitosan Nanoparticle, Anacyclus pyrethrum and Cyperus rotundus in Combating Plasmid Mediated Resistance in Periodontitis. Anti-Infective Agents, 2020, 18, 43-53. | 0.1 | 2 |
| 28 | The effect of pre-cure bracket movement on shear bond strength during placement of orthodontic brackets, an in vitro study. Journal of Clinical and Experimental Dentistry, 2017, 9, e1212-e1217. | 0.5 | 2 |
| 29 | Orthodontistsâ€™ preference on type of rigid fixed functional appliance for skeletal Class II correction: A survey study. Journal of Clinical and Experimental Dentistry, 2020, 12, e958-e963. | 0.5 | 2 |
| 30 | Survey on awareness and preference of ceramic bracket debonding techniques among orthodontists. Journal of Clinical and Experimental Dentistry, 2020, 12, e656-e662. | 0.5 | 2 |
| 31 | A RasMol study of the Mechanism of Inhibition of Cysteine Endopeptidase Enzyme Papain. Current Proteomics, 2009, 6, 198-202. | 0.1 | 1 |
| 32 | Nanotechnology in Orthodonticsâ€“1. , 2013, , 231-247. | | 1 |
| 33 | The effect of orthodontic bracket pad shape on shear bond strength, an in vitro study on human enamel. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0. | 0.5 | 1 |
| 34 | Orthodontic treatment of patient with maxillofacial fibrous dysplasia: A case report. Journal of Clinical and Experimental Dentistry, 2019, 11, 0-0. | 0.5 | 1 |
| 35 | In vitro evaluation of shear bond strength of orthodontic stainless steel brackets using transillumination. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0. | 0.5 | 1 |
| 36 | Surface Engineering of Dental Tools with Diamond for Improved Life and Performance. , 2012, , 239-272. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Carbon Nanomaterials for Implant Dentistry and Bone Tissue Engineering. , 2013, , 359-388. | | 0 |
| 38 | Are ceramic implant-supported single crowns clinically better than metal-ceramic implant-supported single crowns?. Evidence-Based Dentistry, 2021, 22, 100-101. | 0.3 | 0 |