

Hessam Majd

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

360
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

439
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | On the Mechanics of Fatigue and Fracture in Teeth. Applied Mechanics Reviews, 2014, 66, 0308031-3080319. | 10.1 | 83 |
| 2 | Contributions of aging to the fatigue crack growth resistance of human dentin. Acta Biomaterialia, 2012, 8, 2737-2746. | 8.3 | 57 |
| 3 | Inhibition of matrix metalloproteinase activity in human dentin via novel antibacterial monomer. Dental Materials, 2015, 31, 284-292. | 3.5 | 49 |
| 4 | Fatigue of the resin-dentin interface: A new approach for evaluating the durability of dentin bonds. Dental Materials, 2013, 29, 437-449. | 3.5 | 48 |
| 5 | On the fatigue behavior of resin-dentin bonds after degradation by biofilm. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 18, 219-231. | 3.1 | 34 |
| 6 | Fatigue of the resin-enamel bonded interface and the mechanisms of failure. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 21, 121-132. | 3.1 | 33 |
| 7 | Accelerated fatigue of dentin with exposure to lactic acid. Biomaterials, 2013, 34, 8650-8659. | 11.4 | 27 |
| 8 | Effect of carbodiimide on the fatigue crack growth resistance of resin-dentin bonds. Dental Materials, 2016, 32, 211-222. | 3.5 | 18 |
| 9 | Fatigue resistance of dentin bonds prepared with two- vs. three-step adhesives: Effect of carbodiimide. Dental Materials, 2017, 33, 1340-1350. | 3.5 | 6 |
| 10 | Durability of adhesive bonds to tooth structure involving the DEJ. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 557-565. | 3.1 | 5 |