

# Mehmet Dogan Asik

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

445  
citations

6  
h-index

19  
g-index

19  
ext. papers

591  
ext. citations

5.6  
avg, IF

3.2  
L-index

#	Paper	IF	Citations
18	Ablation-cooled material removal with ultrafast bursts of pulses. <i>Nature</i> , <b>2016</b> , 537, 84-88	50.4	356
17	Oxidative stress and anti-oxidative defence in patients with age-related macular degeneration. <i>Current Eye Research</i> , <b>2013</b> , 38, 497-502	2.9	16
16	Transscleral Delivery of Bevacizumab-Loaded Chitosan Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , <b>2019</b> , 15, 830-838	4	11
15	Evaluation estrogen, progesteron and androgen receptor expressions in corneal epithelium in keratoconus. <i>Contact Lens and Anterior Eye</i> , <b>2019</b> , 42, 492-496	4.1	11
14	Design and Fabrication of a Microfluidic Device for Synthesis of Chitosan Nanoparticles. <i>Journal of Nanotechnology in Engineering and Medicine</i> , <b>2013</b> , 4,		9
13	Microarray analysis of cartilage: comparison between damaged and non-weight-bearing healthy cartilage. <i>Connective Tissue Research</i> , <b>2020</b> , 61, 456-464	3.3	7
12	Development of a Sequential Antibiotic Releasing System for Two-Stage Total Joint Replacement Surgery. <i>Journal of Biomedical Nanotechnology</i> , <b>2019</b> , 15, 2193-2201	4	6
11	Autologous stem cell-derived chondrocyte implantation with bio-targeted microspheres for the treatment of osteochondral defects. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2019</b> , 14, 394	2.8	6
10	Therapeutic potential of inhibiting ABCE1 and eRF3 genes via siRNA strategy using chitosan nanoparticles in breast cancer cells. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	5
9	Synthesis of iron oxide core chitosan nanoparticles in a 3D printed microfluidic device. <i>Journal of Nanoparticle Research</i> , <b>2021</b> , 23, 1	2.3	5
8	Investigation of oxidative and antioxidative status in patients with diabetic cataracts. <i>Turkish Journal of Medical Sciences</i> , <b>2013</b> , 43, 678-683	2.7	3
7	A device for the functional improvement of lagophthalmos. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 1478-82	1.2	3
6	Green Synthesis and Biogenic Materials, Characterization, and Their Applications. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 29-61	1.1	3
5	High-speed, thermal damage-free ablation of brain tissue with femtosecond pulse bursts <b>2015</b> ,		1
4	Microfluidic Device for Synthesis of Chitosan Nanoparticles <b>2013</b> ,		1
3	Ablation-cooled material removal at high speed with femtosecond pulse bursts <b>2015</b> ,		1
2	Fabrication of a multi-layered decellularized amniotic membranes as tissue engineering constructs. <i>Tissue and Cell</i> , <b>2021</b> , 74, 101693	2.7	1

- 1 Recent Advancements and New Perspectives of Nanomaterials. *Nanotechnology in the Life Sciences*, **2019**, 1-32 1.1