

# Omer Faruk Bayrak

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

961  
citations

430874

18  
h-index

434195

31  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1798  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of stem cells derived from human third molar tooth germs of young adults: implications in neo-vascularization, osteo-, adipo- and neurogenesis. <i>Pharmacogenomics Journal</i> , 2010, 10, 105-113.	2.0	112
2	Reproducible Surface-Enhanced Raman Scattering Spectra of Bacteria on Aggregated Silver Nanoparticles. <i>Applied Spectroscopy</i> , 2007, 61, 479-485.	2.2	101
3	Overexpression of miR-145 Inhibits Proliferation of Prostate Cancer Cells and Reduces SOX2 Expression. <i>Cancer Investigation</i> , 2015, 33, 251-258.	1.3	73
4	Characterization of cancer stem-like cells in chordoma. <i>Journal of Neurosurgery</i> , 2012, 116, 810-820.	1.6	60
5	Differentiation of Healthy Brain Tissue and Tumors Using Surface-Enhanced Raman Scattering. <i>Applied Spectroscopy</i> , 2009, 63, 1095-1100.	2.2	56
6	Cytotoxicity of 5 endodontic sealers on L929 cell line and human dental pulp cells. <i>International Endodontic Journal</i> , 2011, 44, 626-634.	5.0	55
7	MicroRNA expression profiling reveals the potential function of microRNA-31 in chordomas. <i>Journal of Neuro-Oncology</i> , 2013, 115, 143-151.	2.9	51
8	Synthesis, antiviral and anticancer activity of some novel thioureas derived from N-(4-nitro-2-phenoxyphenyl)-methanesulfonamide. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3591-3595.	5.5	47
9	Human Tooth Germ Stem Cells Preserve Neuro-Protective Effects after Long-Term Cryo-Preservation. <i>Current Neurovascular Research</i> , 2010, 7, 49-58.	1.1	43
10	A new hope for obesity management: Boron inhibits adipogenesis in progenitor cells through the Wnt/ $\beta$ -catenin pathway. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, 130-142.	3.4	39
11	The molecular aspects of chordoma. <i>Neurosurgical Review</i> , 2016, 39, 185-196.	2.4	38
12	Simultaneous analysis of miRNA-mRNA in human meningiomas by integrating transcriptome: A relationship between PTX3 and miR-29c. <i>BMC Cancer</i> , 2017, 17, 207.	2.6	28
13	Identification of a novel mutation in ZAP70 and prenatal diagnosis in a Turkish family with severe combined immunodeficiency disorder. <i>Gene</i> , 2013, 512, 189-193.	2.2	26
14	Simultaneous miRNA and mRNA transcriptome profiling of glioblastoma samples reveals a novel set of OncomiR candidates and their target genes. <i>Brain Research</i> , 2018, 1700, 199-210.	2.2	25
15	The effect of polymorphisms in the promoter region of the MMP-1 gene on the occurrence and invasiveness of hypophyseal adenoma. <i>Acta Neurochirurgica</i> , 2010, 152, 1611-1617.	1.7	24
16	The role of TNF- $\alpha$ in chordoma progression and inflammatory pathways. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 663-677.	4.4	22
17	Synthesis and evaluation of antiviral, antitubercular and anticancer activities of some novel thioureas derived from 4-aminobenzohydrazide hydrazones. <i>Marmara Pharmaceutical Journal</i> , 2010, 1, 13-20.	0.5	20
18	Leukemia Inhibitory Factor Promotes Aggressiveness of Chordoma. <i>Oncology Research</i> , 2017, 25, 1177-1188.	1.5	19

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19	Towards single-microorganism detection using surface-enhanced Raman spectroscopy. <i>International Journal of Environmental Analytical Chemistry</i> , 2007, 87, 763-770.	3.3	18
20	Microleakage of various root filling systems by glucose filtration analysis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e96-e102.	1.4	18
21	The effects of chemotherapeutic agents on differentiated chordoma cells. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 620-624.	1.7	16
22	The potential function of microRNA in chordomas. <i>Gene</i> , 2016, 585, 76-83.	2.2	13
23	&lt;p&gt;Inhibition of Migration, Invasion and Drug Resistance of Pancreatic Adenocarcinoma Cells â€“ Role of Snail, Slug and Twist and Small Molecule Inhibitors&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 5763-5777.	2.0	11
24	Distinctive role of dysregulated miRNAs in chordoma cancer stem-like cell maintenance. <i>Experimental Cell Research</i> , 2019, 380, 9-19.	2.6	8
25	Familial Mediterranean fever gene mutations in north-eastern part of Anatolia with special respect to rare mutations. <i>Gene</i> , 2015, 568, 170-175.	2.2	7
26	Identification of An mtDNA Setpoint Associated with Highest Levels of CD44 Positivity and Chemoresistance in HGC-27 and MKN-45 Gastric Cancer Cell Lines. <i>Cell Journal</i> , 2018, 20, 312-317.	0.2	6
27	Angiotensin-converting enzyme insertion/deletion gene polymorphism in patients with familial multiple cerebral cavernous malformations. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 1034-1037.	1.5	5
28	Characterization of stem-like cells in a new astroblastoma cell line. <i>Experimental Cell Research</i> , 2017, 352, 393-402.	2.6	5
29	The role of a single nucleotide polymorphism of the matrix metalloproteinase-1 gene promoter region in invasion and prognosis of meningiomas. <i>Turkish Neurosurgery</i> , 2014, 24, 731-6.	0.2	4
30	miRNAs as cell fate determinants of lateral and paraxial mesoderm differentiation from embryonic stem cells. <i>Developmental Biology</i> , 2021, 478, 212-221.	2.0	3
31	Cancer Preventive Effects of Whole Cell Type Immunization against Mice Ehrlich Tumors. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 3515-3519.	1.2	2
32	The effect of TWIST silencing in metastatic chordoma cells. <i>Turkish Journal of Biology</i> , 2018, 42, 279-285.	0.8	2
33	Study of cytotoxicity of six root canal sealing dental materials. <i>Materials Research Innovations</i> , 2009, 13, 415-420.	2.3	1
34	Letter to the Editor: Chordoma stem cells. <i>Journal of Neurosurgery</i> , 2013, 118, 913-914.	1.6	1
35	E-cadherin might be a stage-dependent modulator in aggressiveness in pancreatic cancer cells. <i>Turkish Journal of Biology</i> , 2020, 44, 230-237.	0.8	1
36	Retinoic acid induced chordomas as a model of differential therapy. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2009, 30, 1236-7.	1.1	1

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37	Toward PCR-free mutation detection based on surface-enhanced Raman scattering. Proceedings of SPIE, 2009, , .	0.8	0
38	Smooth muscle cell differentiation from rabbit amniotic cells. Experimental and Molecular Pathology, 2018, 105, 395-403.	2.1	0
39	Co-polysomy of 1p/19q in glial tumors: Retrospective analysis of 221 cases from single center. Gene, 2019, 701, 161-168.	2.2	0
40	Investigation of ace genome insertion/deletion correlation with immunohistochemical profile in pituitary adenomas. Turkish Neurosurgery, 2012, 23, 464-9.	0.2	0
41	Response. Chordoma. Journal of Neurosurgery: Spine, 2013, 18, 534.	1.7	0