Michal Kovac

List of Publications by Year
in descending order

28 papers	1,738 citations	516710 16 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	4429 citing authors

#	Article	IF	Citations
1	Germline RET variants underlie a subset of paediatric osteosarcoma. Journal of Medical Genetics, 2021, 58, 20-24.	3.2	7
2	Overactivation of the IGF signalling pathway in osteosarcoma: a potential therapeutic target?. Journal of Pathology: Clinical Research, 2021, 7, 165-172.	3.0	7
3	Osteosarcoma of the Mandible in a Patient with Florid Cemento-Osseous Dysplasia and Liâ€“Fraumeni Syndrome: A Rare Coincidence. Head and Neck Pathology, 2021, 15, 704-708.	2.6	2
4	The early evolutionary landscape of osteosarcoma provides clues for targeted treatment strategies. Journal of Pathology, 2021, 254, 556-566.	4.5	9
5	DNA methylation-based classifier and gene expression signatures detect BRCAness in osteosarcoma. PLoS Computational Biology, 2021, 17, e1009562.	3.2	6
6	Prexasertib (LY2606368) reduces clonogenic survival by inducing apoptosis in primary patientâ€derived osteosarcoma cells and synergizes with cisplatin and talazoparib. International Journal of Cancer, 2020, 147, 1059-1070.	5.1	17
7	Loss of <scp>NF2</scp> defines a genetic subgroup of <scp>nonâ€FOS</scp>â€rearranged osteoblastoma. Journal of Pathology: Clinical Research, 2020, 6, 231-237.	3.0	11
8	NTRK fusions in osteosarcoma are rare and nonâ€functional events. Journal of Pathology: Clinical Research, 2020, 6, 107-112.	3.0	17
9	Activating mutations in the MAPâ€kinase pathway define nonâ€ossifying fibroma of bone. Journal of Pathology, 2019, 248, 116-122.	4.5	49
10	Convergent Evolution of Copy Number Alterations in Multi-Centric Hepatocellular Carcinoma. Scientific Reports, 2019, 9, 4611.	3.3	2
11	The evolutionary landscape of colorectal tumorigenesis. Nature Ecology and Evolution, 2018, 2, 1661-1672.	7.8	99
12	BCL9L Dysfunction Impairs Caspase-2 Expression Permitting Aneuploidy Tolerance in Colorectal Cancer. Cancer Cell, 2017, 31, 79-93.	16.8	83
13	Genomeâ€wide analysis of somatic copy number alterations and chromosomal breakages in osteosarcoma. International Journal of Cancer, 2017, 141, 816-828.	5.1	83
14	Osteosarcoma cells with genetic signatures of BRCAness are susceptible to the PARP inhibitor talazoparib alone or in combination with chemotherapeutics. Oncotarget, 2017, 8, 48794-48806.	1.8	70
15	Differential clonal evolution in oesophageal cancers in response to neo-adjuvant chemotherapy. Nature Communications, 2016, 7, 11111.	12.8	83
16	Exome sequencing of osteosarcoma reveals mutation signatures reminiscent of BRCA deficiency. Nature Communications, 2015, 6, 8940.	12.8	242
17	Polymorphisms Near TBX5 and GDF7 Are Associated With Increased Risk for Barrettâ€™s Esophagus. Gastroenterology, 2015, 148, 367-378.	1.3	93
18	Recurrent chromosomal gains and heterogeneous driver mutations characterise papillary renal cancer evolution. Nature Communications, 2015, 6, 6336.	12.8	100

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19	GNAS mutations are not detected in parosteal and low-grade central osteosarcomas. Modern Pathology, 2015, 28, 1336-1342.	5.5	47
20	Target gene mutational pattern in Lynch syndrome colorectal carcinomas according to tumour location and germline mutation. British Journal of Cancer, 2015, 113, 686-692.	6.4	30
21	3â€²-UTR Poly(T/U) Tract Deletions and Altered Expression of EWSR1 Are a Hallmark of Mismatch Repairâ€“Deficient Cancers. Cancer Research, 2014, 74, 224-234.	0.9	16
22	Long noncoding RNA HOTTIP/HOXA13 expression is associated with disease progression and predicts outcome in hepatocellular carcinoma patients. Hepatology, 2014, 59, 911-923.	7.3	382
23	SH2D4A is frequently downregulated in hepatocellular carcinoma and cirrhotic nodules. European Journal of Cancer, 2014, 50, 731-738.	2.8	9
24	Technical and implementation issues in using next-generation sequencing of cancers in clinical practice. British Journal of Cancer, 2013, 109, 827-835.	6.4	91
25	Evidence for breast cancer as an integral part of lynch syndrome. Genes Chromosomes and Cancer, 2012, 51, 83-91.	2.8	57
26	Familial colorectal cancer: eleven years of data from a registry program in Switzerland. Familial Cancer, 2011, 10, 605-616.	1.9	8
27	Combined analysis of specific KRAS mutation, BRAF and microsatellite instability identifies prognostic subgroups of sporadic and hereditary colorectal cancer. International Journal of Cancer, 2010, 127, 2569-2575.	5.1	99
28	Multiplex SNaPshot Genotyping for Detecting Loss of Heterozygosity in the Mismatch-Repair Genes MLH1 and MSH2 in Microsatellite-Unstable Tumors. Clinical Chemistry, 2008, 54, 1844-1854.	3.2	18