

Rachel Rosenthal

List of Publications by Year in descending order

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16
papers

9,034
citations

516710

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888059

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18
docs citations

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times ranked

16092
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonal neoantigens elicit T cell immunoreactivity and sensitivity to immune checkpoint blockade. <i>Science</i> , 2016, 351, 1463-1469.	12.6	2,445
2	Tracking the Evolution of Non-Small-Cell Lung Cancer. <i>New England Journal of Medicine</i> , 2017, 376, 2109-2121.	27.0	1,786
3	Phylogenetic ctDNA analysis depicts early-stage lung cancer evolution. <i>Nature</i> , 2017, 545, 446-451.	27.8	1,287
4	Allele-Specific HLA Loss and Immune Escape in Lung Cancer Evolution. <i>Cell</i> , 2017, 171, 1259-1271.e11.	28.9	968
5	Insertion-and-deletion-derived tumour-specific neoantigens and the immunogenic phenotype: a pan-cancer analysis. <i>Lancet Oncology</i> , 2017, 18, 1009-1021.	10.7	716
6	Neoantigen-directed immune escape in lung cancer evolution. <i>Nature</i> , 2019, 567, 479-485.	27.8	639
7	Fc-Optimized Anti-CD25 Depletes Tumor-Infiltrating Regulatory T Cells and Synergizes with PD-1 Blockade to Eradicate Established Tumors. <i>Immunity</i> , 2017, 46, 577-586.	14.3	323
8	Large-scale detection of antigen-specific T cells using peptide-MHC-I multimers labeled with DNA barcodes. <i>Nature Biotechnology</i> , 2016, 34, 1037-1045.	17.5	279
9	Geospatial immune variability illuminates differential evolution of lung adenocarcinoma. <i>Nature Medicine</i> , 2020, 26, 1054-1062.	30.7	181
10	Spatial heterogeneity of the T cell receptor repertoire reflects the mutational landscape in lung cancer. <i>Nature Medicine</i> , 2019, 25, 1549-1559.	30.7	147
11	The T cell differentiation landscape is shaped by tumour mutations in lung cancer. <i>Nature Cancer</i> , 2020, 1, 546-561.	13.2	74
12	Immune Surveillance in Clinical Regression of Preinvasive Squamous Cell Lung Cancer. <i>Cancer Discovery</i> , 2020, 10, 1489-1499.	9.4	60
13	Sex-Based Dimorphism of Anticancer Immune Response and Molecular Mechanisms of Immune Evasion. <i>Clinical Cancer Research</i> , 2021, 27, 4311-4324.	7.0	44
14	Using DNA sequencing data to quantify T cell fraction and therapy response. <i>Nature</i> , 2021, 597, 555-560.	27.8	36
15	Deciphering Genetic Intratumor Heterogeneity and Its Impact on Cancer Evolution. <i>Annual Review of Cancer Biology</i> , 2017, 1, 223-240.	4.5	20
16	Understanding the impact of immune-mediated selection on lung cancer evolution. <i>British Journal of Cancer</i> , 2021, 124, 1615-1617.	6.4	5