

Jakub Tomala

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

747
citations

567281

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610901

24
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docs citations

26
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibodies to Interleukin-2 Elicit Selective T Cell Subset Potentiation through Distinct Conformational Mechanisms. <i>Immunity</i> , 2015, 42, 815-825.	14.3	191
2	In Vivo Expansion of Activated Naive CD8+ T Cells and NK Cells Driven by Complexes of IL-2 and Anti-IL-2 Monoclonal Antibody As Novel Approach of Cancer Immunotherapy. <i>Journal of Immunology</i> , 2009, 183, 4904-4912.	0.8	84
3	Engineering a Single-Agent Cytokine/Antibody Fusion That Selectively Expands Regulatory T Cells for Autoimmune Disease Therapy. <i>Journal of Immunology</i> , 2018, 201, 2094-2106.	0.8	58
4	Severe, but not mild heat-shock treatment induces immunogenic cell death in cancer cells. <i>Oncolmmunology</i> , 2017, 6, e1311433.	4.6	47
5	Overcoming multidrug resistance via simultaneous delivery of cytostatic drug and P-glycoprotein inhibitor to cancer cells by HPMA copolymer conjugate. <i>Biomaterials</i> , 2017, 115, 65-80.	11.4	43
6	The structure-dependent toxicity, pharmacokinetics and anti-tumour activity of HPMA copolymer conjugates in the treatment of solid tumours and leukaemia. <i>Journal of Controlled Release</i> , 2016, 223, 1-10.	9.9	38
7	Cyclic AMP-Elevating Capacity of Adenylate Cyclase Toxin-Hemolysin Is Sufficient for Lung Infection but Not for Full Virulence of <i>Bordetella pertussis</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	31
8	Caspase-2 and oxidative stress underlie the immunogenic potential of high hydrostatic pressure-induced cancer cell death. <i>Oncolmmunology</i> , 2017, 6, e1258505.	4.6	30
9	Increasing the biological activity of IL-2 and IL-15 through complexing with anti-IL-2 mAbs and IL-15R α -Fc chimera. <i>Immunology Letters</i> , 2014, 159, 1-10.	2.5	29
10	The structure of polymer carriers controls the efficacy of the experimental combination treatment of tumors with HPMA copolymer conjugates carrying doxorubicin and docetaxel. <i>Journal of Controlled Release</i> , 2017, 246, 1-11.	9.9	27
11	Delivery of Large Heterologous Polypeptides across the Cytoplasmic Membrane of Antigen-Presenting Cells by the <i>Bordetella</i> RTX Hemolysin Moiety Lacking the Adenylyl Cyclase Domain. <i>Infection and Immunity</i> , 2012, 80, 1181-1192.	2.2	23
12	<i>Bordetella</i> Adenylate Cyclase Toxin Differentially Modulates Toll-Like Receptor-Stimulated Activation, Migration and T Cell Stimulatory Capacity of Dendritic Cells. <i>PLoS ONE</i> , 2014, 9, e104064.	2.5	22
13	IL-2/anti-IL-2 mAb immunocomplexes: A renaissance of IL-2 in cancer immunotherapy?. <i>Oncolmmunology</i> , 2016, 5, e1102829.	4.6	19
14	Pore formation by adenylate cyclase toxoid activates dendritic cells to prime CD8 + and CD4 + T cells. <i>Immunology and Cell Biology</i> , 2016, 94, 322-333.	2.3	19
15	Chimera of IL-2 Linked to Light Chain of anti-IL-2 mAb Mimics IL-2/anti-IL-2 mAb Complexes Both Structurally and Functionally. <i>ACS Chemical Biology</i> , 2013, 8, 871-876.	3.4	18
16	Overcoming Immunoescape Mechanisms of BCL1 Leukemia and Induction of CD8+ T-Cell-Mediated BCL1-Specific Resistance in Mice Cured by Targeted Polymer-Bound Doxorubicin. <i>Cancer Research</i> , 2008, 68, 9875-9883.	0.9	13
17	Novel IL-2-Poly(HPMA)Nanoconjugate Based Immunotherapy. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1662-1673.	1.1	12
18	Synergistic effect of EMF-BEMER-type pulsed weak electromagnetic field and HPMA-bound doxorubicin on mouse EL4 T-cell lymphoma. <i>Journal of Drug Targeting</i> , 2011, 19, 890-899.	4.4	11

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19	Polymer-ritonavir derivate nanomedicine with pH-sensitive activation possesses potent anti-tumor activity in vivo via inhibition of proteasome and STAT3 signaling. <i>Journal of Controlled Release</i> , 2021, 332, 563-580.	9.9	11
20	Antitumor activity of IL-2/anti-IL-2 mAb immunocomplexes exerts synergism with that of (2-hydroxypropyl)methacrylamide copolymer-bound doxorubicin conjugate due to its low immunosuppressive activity. <i>International Journal of Cancer</i> , 2011, 129, 2002-2012.	5.1	9
21	Pertussis toxin suppresses dendritic cell-mediated delivery of B. pertussis into lung-draining lymph nodes. <i>PLoS Pathogens</i> , 2022, 18, e1010577.	4.7	5
22	IL-7/IL-7 mAb M25 immunocomplexes expand CD8+ T cells but paradoxically abrogate the antitumor activity of CTLA-4 and PD-1 blockage. <i>Cytokine</i> , 2020, 133, 155174.	3.2	3
23	Characterization of Immune Cell Subset Expansion in Response to Therapeutic Treatment in Mice. <i>Methods in Molecular Biology</i> , 2020, 2111, 101-114.	0.9	2