

Kristiana Kandere-Grzybowska

List of Publications by Year in descending order

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34
papers

2,686
citations

361413

20
h-index

414414

32
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36
all docs

36
docs citations

36
times ranked

3557
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute stress increases permeability of the blood-brain-barrier through activation of brain mast cells. <i>Brain Research</i> , 2001, 888, 117-127.	2.2	309
2	Directing cell motions on micropatterned ratchets. <i>Nature Physics</i> , 2009, 5, 606-612.	16.7	281
3	The role of mast cells in migraine pathophysiology. <i>Brain Research Reviews</i> , 2005, 49, 65-76.	9.0	231
4	Corticotropin-Releasing Hormone and Brain Mast Cells Regulate Blood-Brain-Barrier Permeability Induced by Acute Stress. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 1061-1066.	2.5	227
5	IL-1 Induces Vesicular Secretion of IL-6 without Degranulation from Human Mast Cells. <i>Journal of Immunology</i> , 2003, 171, 4830-4836.	0.8	202
6	IL-10, an inflammatory/inhibitory cytokine, but not always. <i>Immunology Letters</i> , 2003, 86, 123-129.	2.5	196
7	Corticotropin-Releasing Hormone and Its Structurally Related Urocortin Are Synthesized and Secreted by Human Mast Cells. <i>Endocrinology</i> , 2004, 145, 43-48.	2.8	174
8	Targeted crystallization of mixed-charge nanoparticles in lysosomes induces selective death of cancer cells. <i>Nature Nanotechnology</i> , 2020, 15, 331-341.	31.5	167
9	Reaction-Diffusion Systems in Intracellular Molecular Transport and Control. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4170-4198.	13.8	155
10	Regulation of IL-1-induced selective IL-6 release from human mast cells and inhibition by quercetin. <i>British Journal of Pharmacology</i> , 2006, 148, 208-215.	5.4	98
11	Engineering Gram Selectivity of Mixed-Charge Gold Nanoparticles by Tuning the Balance of Surface Charges. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8610-8614.	13.8	88
12	Molecular dynamics imaging in micropatterned living cells. <i>Nature Methods</i> , 2005, 2, 739-741.	19.0	74
13	Wavy-like movement patterns of metastatic cancer cells revealed in microfabricated systems and implicated in vivo. <i>Nature Communications</i> , 2018, 9, 4539.	12.8	73
14	Stress-induced dura vascular permeability does not develop in mast cell-deficient and neurokinin-1 receptor knockout mice. <i>Brain Research</i> , 2003, 980, 213-220.	2.2	67
15	Azelastine Inhibits Secretion of IL-6, TNF- α and IL-8 as well as NF- κ B Activation and Intracellular Calcium Ion Levels in Normal Human Mast Cells. <i>International Archives of Allergy and Immunology</i> , 2003, 132, 231-239.	2.1	63
16	Nano- and Microscopic Surface Wrinkles of Linearly Increasing Heights Prepared by Periodic Precipitation. <i>Journal of the American Chemical Society</i> , 2005, 127, 17803-17807.	13.7	44
17	Cell motility on micropatterned treadmills and tracks. <i>Soft Matter</i> , 2007, 3, 672.	2.7	35
18	Microtubule guidance tested through controlled cell geometry. <i>Journal of Cell Science</i> , 2012, 125, 5790-5799.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Why Cells are Microscopic: A Transport-Time Perspective. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 861-865.	4.6	21
20	Carboxybetaine Methacrylate Polymers Offer Robust, Long-Term Protection against Cell Adhesion. <i>Langmuir</i> , 2011, 27, 10800-10804.	3.5	20
21	Short-term molecular polarization of cells on symmetric and asymmetric micropatterns. <i>Soft Matter</i> , 2010, 6, 3257.	2.7	17
22	Engineering Gram Selectivity of Mixed-Charge Gold Nanoparticles by Tuning the Balance of Surface Charges. <i>Angewandte Chemie</i> , 2016, 128, 8752-8756.	2.0	17
23	Mixed-Charge, pH-Responsive Nanoparticles for Selective Interactions with Cells, Organelles, and Bacteria. <i>Accounts of Materials Research</i> , 2020, 1, 188-200.	11.7	14
24	Motility efficiency and spatiotemporal synchronization in non-metastatic vs. metastatic breast cancer cells. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 1464-1473.	1.3	13
25	Universal Area Distributions in the Monolayers of Confluent Mammalian Cells. <i>Physical Review Letters</i> , 2014, 112, 138104.	7.8	13
26	Nanoparticle-Based Solution Deposition of Gold Films Supporting Bioresistant SAMs. <i>Langmuir</i> , 2009, 25, 1905-1907.	3.5	9
27	Tomography and Static Mechanical Properties of Adherent Cells. <i>Advanced Materials</i> , 2012, 24, 5719-5726.	21.0	9
28	Mixed-Charge Nanocarriers Allow for Selective Targeting of Mitochondria by Otherwise Nonselective Dyes. <i>ACS Nano</i> , 2021, 15, 11470-11490.	14.6	7
29	Microfabricated Systems and Assays for Studying the Cytoskeletal Organization, Micromechanics, and Motility Patterns of Cancerous Cells. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400158.	3.7	6
30	Large-Scale, Wavelet-Based Analysis of Lysosomal Trajectories and Co-Movements of Lysosomes with Nanoparticle Cargos. <i>Cells</i> , 2022, 11, 270.	4.1	4
31	Microfabrication Tools: Microfabricated Systems and Assays for Studying the Cytoskeletal Organization, Micromechanics, and Motility Patterns of Cancerous Cells (<i>Adv. Mater. Interfaces</i>)	17.4	0
32	Micropatterning: Tomography and Static Mechanical Properties of Adherent Cells (<i>Adv. Mater.</i>)	21.0	0
33	Programmed communication. <i>Nature Nanotechnology</i> , 2017, 12, 291-292.	31.5	0
34	Micropatterned substrates: Tools for studying cell motility and aiding rational drug design. <i>FASEB Journal</i> , 2011, 25, .	0.5	0