Sabrina Morelli

List of Publications by Year
in descending order

72	1,856	236833 25	265120 42
papers	citations	h-index	g-index

74	74	74	1979
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multifunctional membranes for lipidic nanovesicle capture. Separation and Purification Technology, 2022, 298, 121561.	3.9	4
2	PLGA Multiplex Membrane Platform for Disease Modelling and Testing of Therapeutic Compounds. Membranes, 2021, 11, 112.	1.4	5
3	Hollow Fiber and Nanofiber Membranes in Bioartificial Liver and Neuronal Tissue Engineering. Cells Tissues Organs, 2021, , 1-30.	1.3	9
4	Antiâ€neuroinflammatory effect of daidzein in human hypothalamic <scp>GnRH</scp> neurons in an in vitro membraneâ€based model. BioFactors, 2021, 47, 93-111.	2.6	15
5	Membrane Systems for Tissue Engineering 2020. Membranes, 2021, 11, 763.	1.4	4
6	Zinc(II) Complexes of Acylpyrazolones Decorated with a Cyclohexyl Group Display Antiproliferative Activity Against Human Breast Cancer Cells. European Journal of Inorganic Chemistry, 2020, 2020, 1027-1039.	1.0	14
7	Membrane bioreactor for investigation of neurodegeneration. Materials Science and Engineering C, 2019, 103, 109793.	3.8	17
8	Membrane Bioreactors for Bioartificial Organs. , 2019, , 394-413.		0
9	Membrane bioreactor to guide hepatic differentiation of human mesenchymal stem cells. Journal of Membrane Science, 2018, 564, 832-841.	4.1	8
10	Self-assembly of tissue spheroids on polymeric membranes. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2090-2103.	1.3	12
11	3D liver membrane system by co-culturing human hepatocytes, sinusoidal endothelial and stellate cells. Biofabrication, 2017, 9, 025022.	3.7	51
12	Microtube array membrane bioreactor promotes neuronal differentiation and orientation. Biofabrication, 2017, 9, 025018.	3.7	24
13	Neuronal Differentiation Modulated by Polymeric Membrane Properties. Cells Tissues Organs, 2017, 204, 164-178.	1.3	5
14	Application of the Co-culture Membrane System Pointed to a Protective Role of Catestatin on Hippocampal Plus Hypothalamic Neurons Exposed to Oxygen and Glucose Deprivation. Molecular Neurobiology, 2017, 54, 7369-7381.	1.9	3
15	4.12 Membrane Approaches for Liver and Neuronal Tissue Engineering. , 2017, , 248-271.		0
16	Biohybrid Membrane Systems for Testing Molecules and Stem Cell Therapy in Neuronal Tissue Engineering. Current Pharmaceutical Design, 2017, 23, 3858-3870.	0.9	2
17	Advanced Membrane Systems for Tissue Engineering. Current Organic Chemistry, 2017, 21, .	0.9	7
18	Polymeric membranes modulate human keratinocyte differentiation in specific epidermal layers. Colloids and Surfaces B: Biointerfaces, 2016, 146, 352-362.	2.5	6

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19	Neuronal membrane bioreactor as a tool for testing crocin neuroprotective effect in Alzheimerâ€™s disease. Chemical Engineering Journal, 2016, 305, 69-78.	6.6	22
20	Recent Strategies Combining Biomaterials and Stem Cells for Bone, Liver and Skin Regeneration. Current Stem Cell Research and Therapy, 2016, 11, 676-691.	0.6	8
21	Artificial Brain Model: Biohybrid Membrane System. , 2016, , 115-117.		0
22	Neuroprotective effect of human mesenchymal stem cells in a compartmentalized neuronal membrane system. Acta Biomaterialia, 2015, 24, 297-308.	4.1	54
23	Osteogenic and osteoclastogenic differentiation of co-cultured cells in polylactic acidâ€“nanohydroxyapatite fiber scaffolds. Journal of Biotechnology, 2015, 204, 53-62.	1.9	54
24	Neuronal growth and differentiation on biodegradable membranes. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 106-117.	1.3	25
25	Artificial Brain Model: Biohybrid Membrane System. , 2015, , 1-3.		0
26	Neuroprotective Effect of Didymin on Hydrogen Peroxide-Induced Injury in the Neuronal Membrane System. Cells Tissues Organs, 2014, 199, 184-200.	1.3	46
27	Overstimulation of Glutamate Signals Leads to Hippocampal Transcriptional Plasticity in Hamsters. Cellular and Molecular Neurobiology, 2014, 34, 501-509.	1.7	8
28	Kinetics of oxygen uptake by cells potentially used in a tissue engineered trachea. Biomaterials, 2014, 35, 6829-6837.	5.7	19
29	Biohybrid Membrane Systems. , 2014, , 1-2.		0
30	Biohybrid Artificial Liver (BAL) Systems. , 2014, , 1-3.		0
31	Membrane Bioreactor for Expansion and Differentiation of Embryonic Liver Cells. Industrial & Engineering Chemistry Research, 2013, 52, 10387-10395.	1.8	26
32	Improving the bioactivity of Zn(ii)-curcumin based complexes. Dalton Transactions, 2013, 42, 9679.	1.6	85
33	Polycaprolactone-Hydroxyapatite Composite Membrane Scaffolds for Bone Tissue Engineering. Materials Research Society Symposia Proceedings, 2013, 1502, 1.	0.1	6
34	Biofabrication of Layered Membrane Systems by Using Human Hepatocytes and Endothelial Cells: A Comparative Study. Current Tissue Engineering, 2013, 2, 109-118.	0.2	2
35	Human Liver Organotypic Membrane Systems. Procedia Engineering, 2012, 44, 456-458.	1.2	0
36	Human lymphocytes cultured in 3-D bioreactors: Influence of configuration on metabolite transport and reactions. Biomaterials, 2012, 33, 8296-8303.	5.7	19

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37	Biodegradable Membranes for Neuronal Growth and Differentiation. Procedia Engineering, 2012, 44, 363-366.	1.2	0
38	Flat and tubular membrane systems for the reconstruction of hippocampal neuronal network. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 299-313.	1.3	23
39	PAN hollow fiber membranes elicit functional hippocampal neuronal network. Journal of Materials Science: Materials in Medicine, 2012, 23, 149-156.	1.7	12
40	Distinct Î± GABAAR subunits influence structural and transcriptional properties of CA1 hippocampal neurons. Neuroscience Letters, 2011, 496, 106-110.	1.0	3
41	Human hepatocytes and endothelial cells in organotypic membrane systems. Biomaterials, 2011, 32, 8848-8859.	5.7	63
42	Biodegradable and synthetic membranes for the expansion and functional differentiation of rat embryonic liver cells. Acta Biomaterialia, 2011, 7, 171-179.	4.1	41
43	Membrane bioreactors for regenerative medicine: an example of the bioartificial liver. Asia-Pacific Journal of Chemical Engineering, 2010, 5, 146-159.	0.8	12
44	Influence of micro-patterned PLLA membranes on outgrowth and orientation of hippocampal neurites. Biomaterials, 2010, 31, 7000-7011.	5.7	70
45	A translational approach to micro-inflammation in end-stage renal disease: molecular effects of low levels of interleukin-6. Clinical Science, 2010, 119, 163-174.	1.8	16
46	Distinct Î± subunits of the GABA_A receptor are responsible for early hippocampal silent neuronâ€related activities. Hippocampus, 2009, 19, 1103-1114.	0.9	40
47	Human hepatocyte functions in a crossed hollow fiber membrane bioreactor. Biomaterials, 2009, 30, 2531-2543.	5.7	115
48	Improved functions of human hepatocytes on NH3 plasma-grafted PEEK-WCâ€“PU membranes. Biomaterials, 2009, 30, 4348-4356.	5.7	51
49	H₂/NH₃ Plasmaâ€Grafting of PEEKâ€WCâ€PU Membrane to Improve their cytoâ€Compatibility with Hepatocytes. Plasma Processes and Polymers, 2009, 6, S81.	1.6	5
50	Influence of membrane surface properties on the growth of neuronal cells isolated from hippocampus. Journal of Membrane Science, 2008, 325, 139-149.	4.1	81
51	Human lymphocyte PEEK-WC hollow fiber membrane bioreactor. Journal of Biotechnology, 2007, 132, 65-74.	1.9	35
52	Human Hepatocyte Morphology and Functions in a Multibore Fiber Bioreactor. Macromolecular Bioscience, 2007, 7, 671-680.	2.1	37
53	Novel membranes and surface modification able to activate specific cellular responses. New Biotechnology, 2007, 24, 23-26.	2.7	40
54	Fetuin-A gene expression, synthesis and release in primary human hepatocytes cultured in a galactosylated membrane bioreactor. Biomaterials, 2007, 28, 4836-4844.	5.7	27

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55	Human hepatocyte functions in a galactosylated membrane bioreactor. Journal of Membrane Science, 2007, 302, 27-35.	4.1	23
56	Diffusive and convective transport in HF membrane reactors for biomedical applications. Desalination, 2006, 199, 135-137.	4.0	2
57	Human lymphocyte hollow fiber bioreactor. Desalination, 2006, 199, 141-143.	4.0	2
58	Human galactosylated membrane bioreactor for the long-term maintenance of liver specific functions. Desalination, 2006, 199, 147-149.	4.0	3
59	Novel bioactive polymeric membranes to elicit specific human hepatocyte responses. Desalination, 2006, 199, 261-262.	4.0	1
60	Hepatocellular functions of human liver cells in oxygen-permeable membrane device. Desalination, 2006, 200, 488-490.	4.0	0
61	Long-term maintenance of human hepatocytes in oxygen-permeable membrane bioreactor. Biomaterials, 2006, 27, 4794-4803.	5.7	71
62	Membrane bioreactor using pig hepatocytes for in vitro evaluation of anti-inflammatory drugs. Catalysis Today, 2006, 118, 172-180.	2.2	14
63	Polyethersulfone membrane biohybrid system using pig hepatocytes: Effect of diclofenac on cell biotransformation and synthetic functions. Journal of Membrane Science, 2006, 278, 133-143.	4.1	16
64	Galactose Derivative Immobilized Glow Discharge Processed Polyethersulfone Membranes Maintain the Liver Cell Metabolic Activity. Journal of Nanoscience and Nanotechnology, 2006, 6, 2344-2353.	0.9	21
65	Biotransformation and liver-specific functions of human hepatocytes in culture on RGD-immobilized plasma-processed membranes. Biomaterials, 2005, 26, 4432-4441.	5.7	89
66	Effect of isoliquiritigenin on viability and differentiated functions of human hepatocytes maintained on PEEK-WCâ€“polyurethane membranes. Biomaterials, 2005, 26, 6625-6634.	5.7	38
67	Diffusive and convective transport through hollow fiber membranes for liver cell culture. Journal of Biotechnology, 2005, 117, 309-321.	1.9	68
68	Novel PEEK-WC membranes with low plasma protein affinity related to surface free energy parameters. Journal of Materials Science: Materials in Medicine, 2004, 15, 877-883.	1.7	32
69	New modified polyetheretherketone membrane for liver cell culture in biohybrid systems: adhesion and specific functions of isolated hepatocytes. Biomaterials, 2004, 25, 3621-3629.	5.7	40
70	Biocompatibility of Modified Polyetheretherketone (Peek-Wc) Membranes: Human Plasma Adsorption. Materials Research Society Symposia Proceedings, 2002, 752, 1.	0.1	2
71	Evaluation of cell behaviour related to physico-chemical properties of polymeric membranes to be used in bioartificial organs. Biomaterials, 2002, 23, 2485-2497.	5.7	139
72	The influence of polymeric membrane surface free energy on cell metabolic functions. Journal of Materials Science: Materials in Medicine, 2001, 12, 959-963.	1.7	61