

Pasquale Stano

List of Publications by Year in descending order

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149
papers

5,255
citations

109321

35
h-index

98798

67
g-index

162
all docs

162
docs citations

162
times ranked

4581
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends and Outlooks in Synthetic Biology: A Special Issue for Celebrating 10 Years of Life and Its Landmarks. <i>Life</i> , 2022, 12, 181.	2.4	0
2	Towards Autopoietic SB-AI. , 2021, , .		2
3	Chromatophores efficiently promote light-driven ATP synthesis and DNA transcription inside hybrid multicompartment artificial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	46
4	Exploiting the photoactivity of bacterial reaction center to investigate liposome dynamics. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 321-326.	2.9	0
5	A Wetware Embodied AI? Towards an Autopoietic Organizational Approach Grounded in Synthetic Biology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 724023.	4.1	16
6	The Rise of the Nested Multicompartment Model in Synthetic Cell Research. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 750576.	3.5	17
7	Synthetic Cells Engaged in Molecular Communication: An Opportunity for Modelling Shannon- and Semantic-Information in the Chemical Domain. <i>Frontiers in Communications and Networks</i> , 2021, 2, .	3.0	14
8	Toward artificial cells/living cells communication in hybrid ensembles. , 2021, , .		0
9	Racemic Phospholipids for Origin of Life Studies. <i>Symmetry</i> , 2020, 12, 1108.	2.2	14
10	On the "Life-Likeness" of Synthetic Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 953.	4.1	27
11	Charge Recombination Kinetics of Bacterial Photosynthetic Reaction Centres Reconstituted in Liposomes: Deterministic Versus Stochastic Approach. <i>Data</i> , 2020, 5, 53.	2.3	2
12	A two-enzyme cascade reaction consisting of two reaction pathways. Studies in bulk solution for understanding the performance of a flow-through device with immobilised enzymes. <i>RSC Advances</i> , 2020, 10, 18655-18676.	3.6	9
13	Single Compartment Approach for Assembling Photosynthetic Protocells. <i>Lecture Notes in Bioengineering</i> , 2020, , 223-232.	0.4	0
14	Frontispiece: Gene Expression Inside Liposomes: From Early Studies to Current Protocols. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	1
15	Gene Expression Inside Liposomes: From Early Studies to Current Protocols. <i>Chemistry - A European Journal</i> , 2019, 25, 7798-7814.	3.3	44
16	Towards the Synthesis of Photo-Autotrophic Protocells. <i>Lecture Notes in Computer Science</i> , 2019, , 186-199.	1.3	0
17	Is Research on "Synthetic Cells" Moving to the Next Level?. <i>Life</i> , 2019, 9, 3.	2.4	58
18	Molecular Communications in the Context of "Synthetic Cells" Research. <i>IEEE Transactions on Nanobioscience</i> , 2019, 18, 43-50.	3.3	9

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19	Gene-Expressing Liposomes as Synthetic Cells for Molecular Communication Studies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 1.	4.1	247
20	Chemical Exchanges and Actuation in Liposome-Based Synthetic Cells: Interaction with Biological Cells. <i>Lecture Notes in Computer Science</i> , 2019, , 145-158.	1.3	0
21	Experimental Evidences Suggest High Between-Vesicle Diversity of Artificial Vesicle Populations: Results, Models and Implications. <i>Lecture Notes in Computer Science</i> , 2019, , 171-185.	1.3	0
22	Preparation methods for giant unilamellar vesicles. , 2019, , 3-20.		3
23	Synthetic biology and (embodied) artificial intelligence: opportunities and challenges. <i>Adaptive Behavior</i> , 2018, 26, 41-44.	1.9	7
24	Understanding Embodied Cognition by Building Models of Minimal Life. <i>Communications in Computer and Information Science</i> , 2018, , 73-87.	0.5	6
25	Synthetic cells produce a quorum sensing chemical signal perceived by <i>Pseudomonas aeruginosa</i> . <i>Chemical Communications</i> , 2018, 54, 2090-2093.	4.1	89
26	Do protocells preferentially retain macromolecular solutes upon division/fragmentation? A study based on the extrusion of POPC giant vesicles. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 6-17.	1.3	13
27	Antioxidant activity of hydroxytyrosyl esters studied in liposome models. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 600-610.	2.6	21
28	Current Directions in Synthetic Cell Research. <i>Lecture Notes in Bioengineering</i> , 2018, , 141-154.	0.4	3
29	Organocatalytic stereoselective epoxidation of α -alkylidene oxindoles using α , α -diphenylprolinol in liposome membrane. <i>ChemCatChem</i> , 2018, 11, 974.	3.7	0
30	Measurement and Numerical Modeling of Cell-Free Protein Synthesis: Combinatorial Block-Variants of the PURE System. <i>Data</i> , 2018, 3, 41.	2.3	9
31	Interfacing Synthetic Cells with Biological Cells: An Application of the Synthetic Method. , 2018, , .		1
32	Human Serum Albumin Is an Essential Component of the Host Defense Mechanism Against <i>Clostridium difficile</i> Intoxication. <i>Journal of Infectious Diseases</i> , 2018, 218, 1424-1435.	4.0	45
33	Extremely High Frequency Electromagnetic Fields Facilitate Electrical Signal Propagation by Increasing Transmembrane Potassium Efflux in an Artificial Axon Model. <i>Scientific Reports</i> , 2018, 8, 9299.	3.3	12
34	Extrinsic stochastic factors (solute partition) in gene expression inside lipid vesicles and lipid-stabilized water-in-oil droplets: a review. <i>Synthetic Biology</i> , 2018, 3, ysy011.	2.2	31
35	Rapid purification of giant lipid vesicles by microfiltration. <i>PLoS ONE</i> , 2018, 13, e0192975.	2.5	13
36	Modelling Giant Lipid Vesicles Designed for Light Energy Transduction. <i>Lecture Notes in Bioengineering</i> , 2018, , 97-109.	0.4	2

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37	Synthetic Biology and Artificial Intelligence: Grounding a Cross-Disciplinary Approach to the Synthetic Exploration of (Embodied) Cognition. <i>Complex Systems</i> , 2018, 27, 199-228.	0.3	24
38	Synthetic Biology and Artificial Intelligence: Toward Cross-Fertilization. <i>Complex Systems</i> , 2018, 27, i-vii.	0.3	0
39	Highly oriented photosynthetic reaction centers generate a proton gradient in synthetic protocells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3837-3842.	7.1	102
40	Vesicle aggregates as a model for primitive cellular assemblies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20082-20092.	2.8	30
41	Novel directions in molecular systems design: The case of light-transducing synthetic cells. <i>Communicative and Integrative Biology</i> , 2017, 10, e1365993.	1.4	8
42	Spectroscopic and calorimetric characterization of spermine oxidase and its association forms. <i>Biochemical Journal</i> , 2017, 474, 4253-4268.	3.7	3
43	First moves towards photoautotrophic synthetic cells: In vitro study of photosynthetic reaction centre and cytochrome bc 1 complex interactions. <i>Biophysical Chemistry</i> , 2017, 229, 46-56.	2.8	19
44	The Arabidopsis polyamine oxidase/dehydrogenase 5 interferes with cytokinin and auxin signaling pathways to control xylem differentiation. <i>Journal of Experimental Botany</i> , 2017, 68, 997-1012.	4.8	33
45	Crude phosphorylation mixtures containing racemic lipid amphiphiles self-assemble to give stable primitive compartments. <i>Scientific Reports</i> , 2017, 7, 18106.	3.3	31
46	Small and Random Peptides: An Unexplored Reservoir of Potentially Functional Primitive Organocatalysts. The Case of Seryl-Histidine. <i>Life</i> , 2017, 7, 19.	2.4	38
47	Minimal Cellular Models for Origins-of-Life Studies and Biotechnology. <i>Springer Series in Biophysics</i> , 2017, , 177-219.	0.4	0
48	Small-size wire phantom to study the effect of MMW on nerve fibre. , 2016, , .		0
49	Engineering Enzyme-Driven Dynamic Behaviour in Lipid Vesicles. <i>Communications in Computer and Information Science</i> , 2016, , 197-208.	0.5	9
50	Advances in Artificial Life, Evolutionary Computation and Systems Chemistry. <i>Communications in Computer and Information Science</i> , 2016, , .	0.5	2
51	Xanthium strumarium extract inhibits mammalian cell proliferation through mitotic spindle disruption mediated by xanthatin. <i>Journal of Ethnopharmacology</i> , 2016, 194, 781-788.	4.1	12
52	What can synthetic biology offer to artificial intelligence (and vice versa)?. <i>BioSystems</i> , 2016, 148, 1-3.	2.0	7
53	Stability of spermine oxidase to thermal and chemical denaturation: comparison with bovine serum amine oxidase. <i>Amino Acids</i> , 2016, 48, 2283-2291.	2.7	11
54	Giant Vesicles as Compartmentalized Bio-reactors: A 3D Modelling Approach. <i>Communications in Computer and Information Science</i> , 2016, , 184-196.	0.5	1

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55	From Cells as Computation to Cells as Apps. IFIP Advances in Information and Communication Technology, 2016, , 116-130.	0.7	1
56	Protein Synthesis in Submicrometer Water-in-Oil Droplets. ChemBioChem, 2015, 16, 2073-2079.	2.6	7
57	Protocells Models in Origin of Life and Synthetic Biology. Life, 2015, 5, 1700-1702.	2.4	24
58	Pacific oyster polyamine oxidase: a protein missing link in invertebrate evolution. Amino Acids, 2015, 47, 949-961.	2.7	2
59	Recent Biophysical Issues About the Preparation of Solute-Filled Lipid Vesicles. Mechanics of Advanced Materials and Structures, 2015, 22, 748-759.	2.6	31
60	A Simple Protein Synthesis Model for the PURE System Operation. Bulletin of Mathematical Biology, 2015, 77, 1185-1212.	1.9	30
61	Physical Routes to Primitive Cells: An Experimental Model Based on the Spontaneous Entrapment of Enzymes inside Micrometer-Sized Liposomes. Life, 2015, 5, 969-996.	2.4	25
62	New Insights into the Growth and Transformation of Vesicles: A Free-Flow Electrophoresis Study. Journal of Physical Chemistry B, 2015, 119, 12212-12223.	2.6	15
63	Experiments on and Numerical Modeling of the Capture and Concentration of Transcription-Translation Machinery inside Vesicles. Artificial Life, 2015, 21, 445-463.	1.3	23
64	Spontaneous Encapsulation and Concentration of Biological Macromolecules in Liposomes: An Intriguing Phenomenon and Its Relevance in Origins of Life. Journal of Molecular Evolution, 2014, 79, 179-192.	1.8	36
65	Spontaneous Overcrowding in Liposomes as Possible Origin of Metabolism. Origins of Life and Evolution of Biospheres, 2014, 44, 313-317.	1.9	12
66	The Glu216/Ser218 pocket is a major determinant of spermine oxidase substrate specificity. Biochemical Journal, 2014, 461, 453-459.	3.7	11
67	Xanthium strumarium L. Extracts Produce DNA Damage Mediated by Cytotoxicity in In Vitro Assays but Does Not Induce Micronucleus in Mice. BioMed Research International, 2014, 2014, 1-8.	1.9	14
68	Recent Theoretical Approaches to Minimal Artificial Cells. Entropy, 2014, 16, 2488-2511.	2.2	19
69	A plant spermine oxidase/dehydrogenase regulated by the proteasome and polyamines. Journal of Experimental Botany, 2014, 65, 1585-1603.	4.8	71
70	A synthetic biology approach to bio-chem-ICT: first moves towards chemical communication between synthetic and natural cells. Natural Computing, 2014, 13, 333-349.	3.0	22
71	Editorial overview: Synthetic Biology. Current Opinion in Chemical Biology, 2014, 22, v-vii.	6.1	3
72	Emergent properties arising from the assembly of amphiphiles. Artificial vesicle membranes as reaction promoters and regulators. Chemical Communications, 2014, 50, 10177-10197.	4.1	115

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73	A hydrophobic disordered peptide spontaneously anchors a covalently bound RNA hairpin to giant lipidic vesicles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6363-6373.	2.8	13
74	OPEN QUESTIONS IN ORIGIN OF LIFE: EXPERIMENTAL STUDIES ON THE ORIGIN OF NUCLEIC ACIDS AND PROTEINS WITH SPECIFIC AND FUNCTIONAL SEQUENCES BY A CHEMICAL SYNTHETIC BIOLOGY APPROACH. <i>Computational and Structural Biotechnology Journal</i> , 2014, 9, e201402004.	4.1	14
75	Molecular Communication Technology: General Considerations on the Use of Synthetic Cells and Some Hints from In Silico Modelling. <i>Communications in Computer and Information Science</i> , 2014, , 169-189.	0.5	3
76	Approaches to Molecular Communication Between Synthetic Compartments Based on Encapsulated Chemical Oscillators. <i>Communications in Computer and Information Science</i> , 2014, , 58-74.	0.5	8
77	Chapter 11. Chemical synthetic biology projects: never born biopolymers and synthetic cells. <i>Synthetic Biology</i> , 2014, , 292-329.	0.2	0
78	Towards the Engineering of Chemical Communication Between Semi-Synthetic and Natural Cells. , 2014, , 91-104.		3
79	Quasi-cellular systems: stochastic simulation analysis at nanoscale range. <i>BMC Bioinformatics</i> , 2013, 14, S7.	2.6	19
80	Structure and Enzymatic Properties of Molecular Dendronized Polymer-Enzyme Conjugates and Their Entrapment inside Giant Vesicles. <i>Langmuir</i> , 2013, 29, 10831-10840.	3.5	40
81	Semi-Synthetic Minimal Cells. , 2013, , 261-276.		1
82	A Remarkable Self-Organization Process as the Origin of Primitive Functional Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13397-13400.	13.8	62
83	Design and biophysical characterization of atrazine-sensing peptides mimicking the <i>Chlamydomonas reinhardtii</i> plastoquinone binding niche. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13108.	2.8	12
84	Semi-synthetic minimal cells: origin and recent developments. <i>Current Opinion in Biotechnology</i> , 2013, 24, 633-638.	6.6	115
85	Bacterial Division Proteins FtsZ and ZipA Induce Vesicle Shrinkage and Cell Membrane Invagination. <i>Journal of Biological Chemistry</i> , 2013, 288, 26625-26634.	3.4	71
86	Identification of an estrogen receptor alpha non-covalent ubiquitin binding surface: role in 17beta-estradiol-induced transcriptional activity. <i>Journal of Cell Science</i> , 2013, 126, 2577-82.	2.0	15
87	Chemical communication between synthetic and natural cells: a possible experimental design.. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 2013, 130, 14-26.	0.8	9
88	Chemical synthetic biology: a mini-review. <i>Frontiers in Microbiology</i> , 2013, 4, 285.	3.5	15
89	Encapsulation of Ferritin, Ribosomes, and Ribo-Peptidic Complexes Inside Liposomes: Insights Into the Origin of Metabolism. <i>Origins of Life and Evolution of Biospheres</i> , 2012, 42, 421-428.	1.9	18
90	Permeability Changes of Cationic Liposomes Loaded with Carbonic Anhydrase Induced by Millimeter Waves Radiation. <i>Radiation Research</i> , 2012, 178, 437-446.	1.5	10

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91	Semi-synthetic minimal cells as a tool for biochemical ICT. <i>BioSystems</i> , 2012, 109, 24-34.	2.0	56
92	Characterization of the emergent properties of a synthetic quasi-cellular system. <i>BMC Bioinformatics</i> , 2012, 13, S9.	2.6	28
93	The atypical retinoid E-3-(3-Adamantan-1-yl-4-methoxybiphenyl-4-yl)-2-propenoic acid (ST1898) displays comedolytic activity in the rhino mouse model. <i>European Journal of Dermatology</i> , 2012, 22, 505-511.	0.6	5
94	Giant Vesicles "Colonies": A Model for Primitive Cell Communities. <i>ChemBioChem</i> , 2012, 13, 1497-1502.	2.6	95
95	Philosophical and scientific perspectives on emergence. <i>Synthese</i> , 2012, 185, 165-169.	1.1	3
96	Approaches to chemical synthetic biology. <i>FEBS Letters</i> , 2012, 586, 2138-2145.	2.8	15
97	Compartmentalized reactions as a case of soft-matter biotechnology: synthesis of proteins and nucleic acids inside lipid vesicles. <i>Journal of Materials Chemistry</i> , 2011, 21, 18887.	6.7	135
98	On the Construction of Minimal Cell Models in Synthetic Biology and Origins of Life Studies. , 2011, , 337-368.		5
99	Minimal cells: Relevance and interplay of physical and biochemical factors. <i>Biotechnology Journal</i> , 2011, 6, 850-859.	3.5	37
100	Minimal cell mimicry. <i>Nature Chemistry</i> , 2011, 3, 755-756.	13.6	46
101	Probing mammalian spermine oxidase enzyme-substrate complex through molecular modeling, site-directed mutagenesis and biochemical characterization. <i>Amino Acids</i> , 2011, 40, 1115-1126.	2.7	35
102	Computing with bacterial constituents, cells and populations: from bioputing to bactoputing. <i>Theory in Biosciences</i> , 2011, 130, 211-228.	1.4	12
103	Spontaneous Crowding of Ribosomes and Proteins inside Vesicles: A Possible Mechanism for the Origin of Cell Metabolism. <i>ChemBioChem</i> , 2011, 12, 2325-2330.	2.6	69
104	New and Unexpected Insights on the Formation of Protocells from a Synthetic Biology Approach: The Case of Entrapment of Biomacromolecules and Protein Synthesis Inside Vesicles. , 2011, , 195-216.		1
105	Synthetic biology of minimal living cells: primitive cell models and semi-synthetic cells. <i>Systems and Synthetic Biology</i> , 2010, 4, 149-156.	1.0	17
106	Giant Vesicles: Preparations and Applications. <i>ChemBioChem</i> , 2010, 11, 848-865.	2.6	624
107	Spontaneous Protein Crowding in Liposomes: A New Vista for the Origin of Cellular Metabolism. <i>ChemBioChem</i> , 2010, 11, 1989-1992.	2.6	115
108	Reactivity and fusion between cationic vesicles and fatty acid anionic vesicles. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 561-565.	9.4	34

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109	Nuclear Shield: A Multi-Enzyme Task-Force for Nucleus Protection. PLoS ONE, 2010, 5, e14125.	2.5	16
110	Kinetic models for autopoietic chemical systems: the role of fluctuations in a homeostatic regime. Physical Biology, 2010, 7, 016010.	1.8	18
111	Biosynthesis of Proteins Inside Liposomes. Methods in Molecular Biology, 2010, 606, 127-145.	0.9	16
112	Achievements and open questions in the self-reproduction of vesicles and synthetic minimal cells. Chemical Communications, 2010, 46, 3639.	4.1	204
113	Serine protease catalyses the formation of peptides and PNAs. FEBS Letters, 2009, 583, 153-156.	2.8	81
114	The Minimal Size of Liposome-Based Model Cells Brings about a Remarkably Enhanced Entrapment and Protein Synthesis. ChemBioChem, 2009, 10, 1056-1063.	2.6	128
115	Synthesis and Investigation of Tryptophan-Amphotericin B Conjugates. ChemBioChem, 2009, 10, 1617-1620.	2.6	11
116	Chemical approaches to synthetic biology. Current Opinion in Biotechnology, 2009, 20, 492-497.	6.6	65
117	A synthetic biology approach to the construction of membrane proteins in semi-synthetic minimal cells. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 567-574.	2.6	216
118	SEMI-SYNTHETIC MINIMAL CELLS. , 2009, , .		0
119	Inducible expression of maize polyamine oxidase in the nucleus of MCF-7 human breast cancer cells confers sensitivity to etoposide. Amino Acids, 2008, 34, 403-412.	2.7	7
120	Vesicle Behavior: In Search of Explanations. Journal of Physical Chemistry B, 2008, 112, 14655-14664.	2.6	33
121	Characterization of a Lysine-Specific Histone Demethylase from Arabidopsis thaliana. Biochemistry, 2008, 47, 4936-4947.	2.5	36
122	Approaches to the Construction of the Minimal Cell. Advances in Science and Technology, 2008, 58, 10-19.	0.2	3
123	Self-Reproduction of Micelles, Reverse Micelles, and Vesicles. Behavior Research Methods, 2008, 7, 221-263.	4.0	7
124	Self-Reproduction of Vesicles and Other Compartments. , 2008, , 681-701.		0
125	2P-239 Cell-free expression of phospholipid-synthesizing membrane proteins in the interior of liposomes(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S112.	0.1	0
126	A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. Organic and Biomolecular Chemistry, 2007, 5, 1339.	2.8	16

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127	Lecithin-Based Water-in-Oil Compartments as Dividing Bioreactors. <i>ChemBioChem</i> , 2007, 8, 1965-1973.	2.6	38
128	Permeability changes induced by 130 GHz pulsed radiation on cationic liposomes loaded with carbonic anhydrase. <i>Bioelectromagnetics</i> , 2007, 28, 587-598.	1.6	106
129	From Never Born Proteins to Minimal Living Cells: Two Projects in Synthetic Biology. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 36, 605-616.	1.9	33
130	Question 7: New Aspects of Interactions Among Vesicles. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 37, 439-444.	1.9	12
131	Basic Questions About the Origins of Life: Proceedings of the Erice International School of Complexity (Fourth Course). <i>Origins of Life and Evolution of Biospheres</i> , 2007, 37, 303-307.	1.9	15
132	New Class of Aggregates in Aqueous Solution: An NMR, Thermodynamic, and Dynamic Light Scattering Study. <i>Langmuir</i> , 2006, 22, 6031-6041.	3.5	15
133	Lysozyme Effect on Oleic Acid/Oleate Vesicles. <i>Journal of Liposome Research</i> , 2006, 16, 143-154.	3.3	8
134	Approaches to semi-synthetic minimal cells: a review. <i>Die Naturwissenschaften</i> , 2006, 93, 1-13.	1.6	415
135	Investigation of de novo Totally Random Biosequences, Part II. <i>Chemistry and Biodiversity</i> , 2006, 3, 840-859.	2.1	56
136	Insights into the self-reproduction of oleate vesicles. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S2231-S2238.	1.8	47
137	Effect of Tryptophan Oligopeptides on the Size Distribution of POPC Liposomes: A Dynamic Light Scattering and Turbidimetric Study. <i>Journal of Liposome Research</i> , 2005, 15, 29-47.	3.3	1
138	Effect of Tryptophan Oligopeptides on the Size Distribution of POPC Liposomes: A Dynamic Light Scattering and Turbidimetric Study. <i>Journal of Liposome Research</i> , 2005, 15, 29-47.	3.3	16
139	Condensed DNA in Lipid Microcompartments. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19929-19935.	2.6	22
140	A Possible Route to Prebiotic Vesicle Reproduction. <i>Artificial Life</i> , 2004, 10, 297-308.	1.3	74
141	An Amphotericin B-Fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5181-5185.	13.8	53
142	An Amphotericin B-Fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5428-5428.	13.8	2
143	Amphotericin B as a Potential Probe of the Physical State of Vesicle Membranes. <i>Organic Letters</i> , 2004, 6, 3683-3686.	4.6	24
144	Novel Camptothecin Analogue (Gimatecan)-Containing Liposomes Prepared by the Ethanol Injection Method. <i>Journal of Liposome Research</i> , 2004, 14, 87-109.	3.3	90

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145	Approaches to semi-synthetic minimal cells: a review. , 0, , 272-288.		1
146	Advances in Minimal Cell Models: a New Approach to Synthetic Biology and Origin of Life. , 0, , .		1
147	Recent advancements in synthetic cells research. , 0, , .		0
148	Chemical Neural Networks Inside Synthetic Cells? A Proposal for Their Realization and Modeling. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	13
149	Exploring Information and Communication Theories for Synthetic Cell Research. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	8