

# Andrea Belluati

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8284948/publications.pdf>

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14  
papers

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citations

840119

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docs citations

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times ranked

354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clustering of catalytic nanocompartments for enhancing an extracellular non-native cascade reaction. <i>Chemical Science</i> , 2021, 12, 12274-12285.	3.7	22
2	Brushing the surface: cascade reactions between immobilized nanoreactors. <i>Nanoscale</i> , 2020, 12, 1551-1562.	2.8	14
3	How Do the Properties of Amphiphilic Polymer Membranes Influence the Functional Insertion of Peptide Pores?. <i>Biomacromolecules</i> , 2020, 21, 701-715.	2.6	32
4	Combinatorial Strategy for Studying Biochemical Pathways in Double Emulsion Templated Cell-Sized Compartments. <i>Advanced Materials</i> , 2020, 32, e2004804.	11.1	34
5	Bioactive Catalytic Nanocompartments Integrated into Cell Physiology and Their Amplification of a Native Signaling Cascade. <i>ACS Nano</i> , 2020, 14, 12101-12112.	7.3	12
6	Polymer-Lipid Hybrid Membranes as a Model Platform to Drive Membrane-Cytochrome <i>c</i> Interaction and Peroxidase-like Activity. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4454-4465.	1.2	14
7	Multicompartment Polymer Vesicles with Artificial Organelles for Signal-Triggered Cascade Reactions Including Cytoskeleton Formation. <i>Advanced Functional Materials</i> , 2020, 30, 2002949.	7.8	57
8	DNA-directed arrangement of soft synthetic compartments and their behavior <i>in vitro</i> and <i>in vivo</i> . <i>Nanoscale</i> , 2020, 12, 9786-9799.	2.8	11
9	Mimicking Cellular Signaling Pathways within Synthetic Multicompartment Vesicles with Triggered Enzyme Activity and Induced Ion Channel Recruitment. <i>Advanced Functional Materials</i> , 2019, 29, 1904267.	7.8	58
10	Enzymatic reactions in polymeric compartments: nanotechnology meets nature. <i>Current Opinion in Biotechnology</i> , 2019, 60, 53-62.	3.3	41
11	Surfaces Decorated with Polymeric Nanocompartments for pH Reporting. <i>Helvetica Chimica Acta</i> , 2018, 101, e1700290.	1.0	10
12	Nanoscale Enzymatic Compartments in Tandem Support Cascade Reactions in Vitro. <i>Biomacromolecules</i> , 2018, 19, 4023-4033.	2.6	56
13	Expanding the potential of MRI contrast agents through multifunctional polymeric nanocarriers. <i>Nanomedicine</i> , 2017, 12, 811-817.	1.7	12
14	A systematic study on the effects of doping agents on polypyrrole coating of fabrics. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	20