

Antoni Llopis-Lorente

List of Publications by Year in descending order

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29
papers

874
citations

516561

16
h-index

477173

29
g-index

29
all docs

29
docs citations

29
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Horseradish Peroxidase-Functionalized Gold Nanoconjugates for Breast Cancer Treatment Based on Enzyme Prodrug Therapy. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 409-422.	3.3	5
2	Nanoprogrammed Cross-Kingdom Communication Between Living Microorganisms. <i>Nano Letters</i> , 2022, 22, 1836-1844.	4.5	8
3	Engineering chemical communication between micro/nanosystems. <i>Chemical Society Reviews</i> , 2021, 50, 8829-8856.	18.7	27
4	Ultrafast Directional Janus Pt@Mesoporous Silica Nanomotors for Smart Drug Delivery. <i>ACS Nano</i> , 2021, 15, 4467-4480.	7.3	88
5	A chemical circular communication network at the nanoscale. <i>Chemical Science</i> , 2021, 12, 1551-1559.	3.7	20
6	Dynamic spatial and structural organization in artificial cells regulates signal processing by protein scaffolding. <i>Chemical Science</i> , 2020, 11, 12829-12834.	3.7	6
7	A 1-to-2 demultiplexer hybrid nanocarrier for cargo delivery and activation. <i>Chemical Communications</i> , 2020, 56, 9974-9977.	2.2	2
8	Hybrid Biodegradable Nanomotors through Compartmentalized Synthesis. <i>Nano Letters</i> , 2020, 20, 4472-4480.	4.5	56
9	Dithioacetal-mechanized mesoporous nanosensor for Hg(II) determination. <i>Microporous and Mesoporous Materials</i> , 2020, 297, 110054.	2.2	13
10	An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14986-14990.	7.2	40
11	An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. <i>Angewandte Chemie</i> , 2019, 131, 15128-15132.	1.6	4
12	Glucose-Responsive Enzyme-Controlled Mesoporous Nanomachine with a Layer-by-Layer Supramolecular Architecture. <i>ACS Applied Bio Materials</i> , 2019, 2, 3321-3328.	2.3	8
13	A NIR light-triggered drug delivery system using core-shell gold nanostars@mesoporous silica nanoparticles based on multiphoton absorption photo-dissociation of 2-nitrobenzyl PEG. <i>Chemical Communications</i> , 2019, 55, 9039-9042.	2.2	27
14	Janus nanocarrier powered by bi-enzymatic cascade system for smart delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4669-4676.	2.9	13
15	Enzyme-Powered Gated Mesoporous Silica Nanomotors for On-Command Intracellular Payload Delivery. <i>ACS Nano</i> , 2019, 13, 12171-12183.	7.3	121
16	Janus Gold Nanostars@Mesoporous Silica Nanoparticles for NIR Light-Triggered Drug Delivery. <i>Chemistry - A European Journal</i> , 2019, 25, 8471-8478.	1.7	30
17	Acetylcholine-responsive cargo release using acetylcholinesterase-capped nanomaterials. <i>Chemical Communications</i> , 2019, 55, 5785-5788.	2.2	10
18	<sc>A</sc>-glutamate-responsive delivery system based on enzyme-controlled self-immolative arylboronate-gated nanoparticles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1058-1063.	2.3	6

#	ARTICLE	IF	CITATIONS
19	Stimulus-responsive nanomotors based on gated enzyme-powered Janus Au@mesoporous silica nanoparticles for enhanced cargo delivery. <i>Chemical Communications</i> , 2019, 55, 13164-13167.	2.2	46
20	A Versatile New Paradigm for the Design of Optical Nanosensors Based on Enzyme-Mediated Detachment of Labeled Reporters: The Example of Urea Detection. <i>Chemistry - A European Journal</i> , 2019, 25, 3575-3581.	1.7	11
21	Toward chemical communication between nanodevices. <i>Nano Today</i> , 2018, 18, 8-11.	6.2	15
22	Selective and sensitive colorimetric detection of the neurotransmitter serotonin based on the aggregation of bifunctionalised gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 829-835.	4.0	46
23	Hybrid Mesoporous Nanocarriers Act by Processing Logic Tasks: Toward the Design of Nanobots Capable of Reading Information from the Environment. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26494-26500.	4.0	19
24	Enzyme-Controlled Nanodevice for Acetylcholine-Triggered Cargo Delivery Based on Janus Au@Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2017, 23, 4276-4281.	1.7	27
25	Mesoporous silica materials for controlled delivery based on enzymes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3069-3083.	2.9	74
26	A new class of silica-supported chromo-fluorogenic chemosensors for anion recognition based on a selenourea scaffold. <i>Chemical Communications</i> , 2017, 53, 3729-3732.	2.2	27
27	Interactive models of communication at the nanoscale using nanoparticles that talk to one another. <i>Nature Communications</i> , 2017, 8, 15511.	5.8	96
28	Au@Mesoporous silica nanoparticles gated with disulfide-linked oligo(ethylene glycol) chains for tunable cargo delivery mediated by an integrated enzymatic control unit. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6734-6739.	2.9	17
29	A Chalcone-Based Highly Selective and Sensitive Chromofluorogenic Probe for Trivalent Metal Cations. <i>ChemPlusChem</i> , 2015, 80, 800-804.	1.3	12