

# Ramn Martnez Mez

## List of Publications by Year in Descending Order

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**Version:** 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

541  
papers

25,028  
citations

74  
h-index

136  
g-index

588  
ext. papers

26,991  
ext. citations

7.1  
avg, IF

7.07  
L-index

#	Paper	IF	Citations
541	Horseradish Peroxidase-Functionalized Gold Nanoconjugates for Breast Cancer Treatment Based on Enzyme Prodrug Therapy.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 409-422	7.3	0
540	Fluorogenic Detection of Human Serum Albumin Using Curcumin-Capped Mesoporous Silica Nanoparticles.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	2
539	Validation of an automated system for the experimentation of photothermal therapies on cell cultures. <i>Sensors and Actuators A: Physical</i> , <b>2022</b> , 337, 113426	3.9	
538	Phosphorogenic dipyrinato-iridium(III) complexes as photosensitizers for photodynamic therapy. <i>Dyes and Pigments</i> , <b>2022</b> , 197, 109886	4.6	
537	Growth, crystal structure, Hirshfeld surface analysis, DFT studies, physicochemical characterization, and cytotoxicity assays of novel organic triphosphate.. <i>Journal of Molecular Modeling</i> , <b>2022</b> , 28, 65	2	2
536	Monofloral honey authentication by voltammetric electronic tongue: A comparison with H NMR spectroscopy.. <i>Food Chemistry</i> , <b>2022</b> , 383, 132460	8.5	3
535	Immunochemical Design of Antibody-Gated Indicator Delivery (gAID) Systems Based on Mesoporous Silica Nanoparticles. <i>ACS Applied Nano Materials</i> , <b>2022</b> , 5, 626-641	5.6	1
534	Ultrafast Directional Janus Pt-Mesoporous Silica Nanomotors for Smart Drug Delivery. <i>ACS Nano</i> , <b>2021</b> , 15, 4467-4480	16.7	27
533	Understanding of mechanistic perspective in sensing of energetic nitro compounds through spectroscopic and electrochemical studies. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50776	2.9	4
532	Towards the Enhancement of Essential Oil Components' Antimicrobial Activity Using New Zein Protein-Gated Mesoporous Silica Microdevices. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
531	Gene-Directed Enzyme Prodrug Therapy by Dendrimer-Like Mesoporous Silica Nanoparticles against Tumor Cells. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
530	Biocompatibility and internalization assessment of bare and functionalised mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 310, 110593	5.3	9
529	A Nanoprobe Based on Gated Mesoporous Silica Nanoparticles for The Selective and Sensitive Detection of Benzene Metabolite t,t-Muconic Acid in Urine. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 1306-1310	4.8	2
528	Engineering chemical communication between micro/nanosystems. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 8829-8856	58.5	8
527	Aerogels as promising materials for antibacterial applications: a mini-review. <i>Biomaterials Science</i> , <b>2021</b> , 9, 7034-7048	7.4	2
526	A new 8-oxo-7,8-2'-deoxyguanosine nanoporous anodic alumina aptasensor for colorectal cancer diagnosis in blood and urine. <i>Nanoscale</i> , <b>2021</b> , 13, 8648-8657	7.7	2
525	A glutathione disulfide-sensitive Janus nanomachine controlled by an enzymatic AND logic gate for smart delivery. <i>Nanoscale</i> , <b>2021</b> , 13, 18616-18625	7.7	1

524	Metal Complexes as Sensors <b>2021</b> , 181-203		1
523	Oligonucleotide-capped nanoporous anodic alumina biosensor as diagnostic tool for rapid and accurate detection of in clinical samples. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 407-415	18.9	7
522	Chromo-fluorogenic probes for $\beta$ -galactosidase detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2361-2388	4.4	6
521	Nanoporous Anodic Alumina-Based Sensor for miR-99a-5p Detection as an Effective Early Breast Cancer Diagnostic Tool. <i>ACS Sensors</i> , <b>2021</b> , 6, 1022-1029	9.2	4
520	A fluorogenic capped mesoporous aptasensor for gluten detection. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1147, 178-186	6.6	5
519	Senolysis Reduces Senescence in Veins and Cancer Cell Migration. <i>Advanced Therapeutics</i> , <b>2021</b> , 4, 2100149	14.9	2
518	Targeted-lung delivery of dexamethasone using gated mesoporous silica nanoparticles. A new therapeutic approach for acute lung injury treatment. <i>Journal of Controlled Release</i> , <b>2021</b> , 337, 14-26	11.7	5
517	Sucrose-Responsive Intercommunicated Janus Nanoparticles Network. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
516	Low-cost silica xerogels as potential adsorbents for ciprofloxacin removal. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 22, 100483	3.9	4
515	A gated material as immunosensor for in-tissue detection of IDH1-R132H mutation in gliomas. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 345, 130406	8.5	1
514	Mesoporous silica nanoparticles for pulmonary drug delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 177, 113953	18.5	8
513	pH-Dependent Molecular Gate Mesoporous Microparticles for Biological Control of. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
512	A Two-Photon Probe Based on Naphthalimide-Styrene Fluorophore for the Tracking of Cellular Senescence. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3052-3060	7.8	7
511	Hollow mesoporous silica nanoparticles: Effective silica etching using tri-di- and mono-valent cations.. <i>Materials Science and Engineering C</i> , <b>2021</b> , 133, 112621	8.3	0
510	Multiplex-Nachweis von Analyten auf einem einzelnen Teststreifen mit Antikörper-gesteuerten und Indikator freisetzenden mesoporösen Nanopartikeln. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 24071-24078	3.6	3
509	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , <b>2020</b> , 5, 3618-3625	1.8	2
508	Electro-responsive films containing voltage responsive gated mesoporous silica nanoparticles grafted onto PEDOT-based conducting polymer. <i>Journal of Controlled Release</i> , <b>2020</b> , 323, 421-430	11.7	8
507	Nanoparticle-cell-nanoparticle communication by stigmergy to enhance poly(I:C) induced apoptosis in cancer cells. <i>Chemical Communications</i> , <b>2020</b> , 56, 7273-7276	5.8	3

506	Real-Time In Vivo Detection of Cellular Senescence through the Controlled Release of the NIR Fluorescent Dye Nile Blue. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15264-15268	3.6	2
505	Real-Time In Vivo Detection of Cellular Senescence through the Controlled Release of the NIR Fluorescent Dye Nile Blue. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15152-15156	16.4	14
504	Gold Nanoparticle-Assisted Virus Formation by Means of the Delivery of an Oncolytic Adenovirus Genome. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
503	Mechanistic Insight into the Turn-Off Sensing of Nitroaromatic Compounds Employing Functionalized Polyaniline. <i>ChemistrySelect</i> , <b>2020</b> , 5, 6321-6330	1.8	5
502	Study of Fishmeal Substitution on Growth Performance and Shelf-Life of Giltheadsea Bream ( <i>Sparusaurata</i> ). <i>Fishes</i> , <b>2020</b> , 5, 15	2.5	0
501	Senescence and the Impact on Biodistribution of Different Nanosystems: the Discrepancy on Tissue Deposition of Graphene Quantum Dots, Polycaprolactone Nanoparticle and Magnetic Mesoporous Silica Nanoparticles in Young and Elder Animals. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 40	4.5	10
500	Nanosensor for Sensitive Detection of the New Psychedelic Drug 25I-NBOMe. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2813-2816	4.8	5
499	Dithioacetal-mechanized mesoporous nanosensor for Hg(II) determination. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 297, 110054	5.3	6
498	Lab and Pilot-Scale Synthesis of MO@SiC Core-Shell Nanoparticles. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
497	An enzyme-controlled Janus nanomachine for on-command dual and sequential release. <i>Chemical Communications</i> , <b>2020</b> , 56, 6440-6443	5.8	6
496	Novel Probes and Carriers to Target Senescent Cells. <i>Healthy Ageing and Longevity</i> , <b>2020</b> , 163-180	0.5	0
495	Preclinical antitumor efficacy of senescence-inducing chemotherapy combined with a nanoSenolytic. <i>Journal of Controlled Release</i> , <b>2020</b> , 323, 624-634	11.7	27
494	Aptamer-Capped nanoporous anodic alumina for Staphylococcus aureus detection. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 320, 128281	8.5	17
493	Influence of the functionalisation of mesoporous silica material UVM-7 on polyphenol oxidase enzyme capture and enzymatic browning. <i>Food Chemistry</i> , <b>2020</b> , 310, 125741	8.5	8
492	New Advances in In Vivo Applications of Gated Mesoporous Silica as Drug Delivery Nanocarriers. <i>Small</i> , <b>2020</b> , 16, e1902242	11	58
491	Triplex Hybridization-Based Nanosystem for the Rapid Screening of Pneumocystis Pneumonia in Clinical Samples. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	2
490	Antibacterial Activity of Linezolid against Gram-Negative Bacteria: Utilization of Poly-L-Lysine Capped Silica Xerogel as an Activating Carrier. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	3
489	Surfactant-Triggered Molecular Gate Tested on Different Mesoporous Silica Supports for Gastrointestinal Controlled Delivery. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	4

488	A 1-to-2 demultiplexer hybrid nanocarrier for cargo delivery and activation. <i>Chemical Communications</i> , <b>2020</b> , 56, 9974-9977	5.8	1
487	MUC1 Aptamer-Capped Mesoporous Silica Nanoparticles for Navitoclax Resistance Overcoming in Triple-Negative Breast Cancer. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 16318-16327	4.8	4
486	A Sensitive Nanosensor for the In Situ Detection of the Cannibal Drug. <i>ACS Sensors</i> , <b>2020</b> , 5, 2966-2972	9.2	1
485	Protection against chemical submission: naked-eye detection of $\gamma$ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Chemical Communications</i> , <b>2020</b> , 56, 12600-12603	5.8	7
484	New Insights of Oral Colonic Drug Delivery Systems for Inflammatory Bowel Disease Therapy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
483	Multiplexed Detection of Analytes on Single Test Strips with Antibody-Gated Indicator-Releasing Mesoporous Nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23862-23869	16.4	16
482	Enzyme-controlled mesoporous nanosensor for the detection of living <i>Saccharomyces cerevisiae</i> . <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 303, 127197	8.5	6
481	Galacto-conjugation of Navitoclax as an efficient strategy to increase senolytic specificity and reduce platelet toxicity. <i>Aging Cell</i> , <b>2020</b> , 19, e13142	9.9	64
480	A chemical circular communication network at the nanoscale. <i>Chemical Science</i> , <b>2020</b> , 12, 1551-1559	9.4	9
479	Enzyme-Powered Gated Mesoporous Silica Nanomotors for On-Command Intracellular Payload Delivery. <i>ACS Nano</i> , <b>2019</b> , 13, 12171-12183	16.7	83
478	Avidin-gated mesoporous silica nanoparticles for signal amplification in electrochemical biosensor. <i>Electrochemistry Communications</i> , <b>2019</b> , 108, 106556	5.1	11
477	Simple Endotoxin Detection Using Polymyxin-B-Gated Nanoparticles. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3770-3774	4.8	7
476	The efficacy of essential oil components loaded into montmorillonite against <i>Aspergillus niger</i> and <i>Staphylococcus aureus</i> . <i>Flavour and Fragrance Journal</i> , <b>2019</b> , 34, 151-162	2.5	14
475	Not always what closes best opens better: mesoporous nanoparticles capped with organic gates. <i>Science and Technology of Advanced Materials</i> , <b>2019</b> , 20, 699-709	7.1	1
474	The chemistry of senescence. <i>Nature Reviews Chemistry</i> , <b>2019</b> , 3, 426-441	34.6	44
473	2,4,5-Triaryl imidazole probes for the selective chromo-fluorogenic detection of Cu(II). Prospective use of the Cu(II) complexes for the optical recognition of biothiols. <i>Polyhedron</i> , <b>2019</b> , 170, 388-394	2.7	9
472	Integrative Metabolomic and Transcriptomic Analysis for the Study of Bladder Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	17
471	Janus Gold Nanostars-Mesoporous Silica Nanoparticles for NIR-Light-Triggered Drug Delivery. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8471-8478	4.8	19

470	Mesoporous Silica-Based Materials with Bactericidal Properties. <i>Small</i> , <b>2019</b> , 15, e1900669	11	71
469	Double Drug Delivery Using Capped Mesoporous Silica Microparticles for the Effective Treatment of Inflammatory Bowel Disease. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 2418-2429	5.6	14
468	Selective and Sensitive Probe Based in Oligonucleotide-Capped Nanoporous Alumina for the Rapid Screening of Infection Produced by <i>Candida albicans</i> . <i>ACS Sensors</i> , <b>2019</b> , 4, 1291-1298	9.2	28
467	Acetylcholine-responsive cargo release using acetylcholinesterase-capped nanomaterials. <i>Chemical Communications</i> , <b>2019</b> , 55, 5785-5788	5.8	5
466	A L-glutamate-responsive delivery system based on enzyme-controlled self-immolative arylboronate-gated nanoparticles. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1058-1063	5.2	4
465	Combining magnetic hyperthermia and dual T1/T2 MR imaging using highly versatile iron oxide nanoparticles. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3883-3892	4.3	25
464	N,N-Diphenylanilino-heterocyclic aldehyde-based chemosensors for UV-vis/NIR and fluorescence Cu(II) detection. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 7393-7402	3.6	4
463	A Colorimetric Probe for the Selective Detection of Norepinephrine Based on a Double Molecular Recognition with Functionalized Gold Nanoparticles. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 1367-1373	5.6	22
462	Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	10
461	Halogen-containing BODIPY derivatives for photodynamic therapy. <i>Dyes and Pigments</i> , <b>2019</b> , 160, 198-207	7.6	34
460	An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14986-14990	16.4	26
459	An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15128-15132	3.6	3
458	Glucose-Responsive Enzyme-Controlled Mesoporous Nanomachine with a Layer-by-Layer Supramolecular Architecture.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 3321-3328	4.1	5
457	Urinary Metabolic Signatures Detect Recurrences in Non-Muscle Invasive Bladder Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	7
456	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> , <b>2019</b> , 55, 9039-9042	5.8	14
455	New Oleic Acid-Capped Mesoporous Silica Particles as Surfactant-Responsive Delivery Systems. <i>ChemistryOpen</i> , <b>2019</b> , 8, 1052-1056	2.3	4
454	Janus nanocarrier powered by bi-enzymatic cascade system for smart delivery. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 4669-4676	7.3	8
453	Efficacy of budesonide-loaded mesoporous silica microparticles capped with a bulky azo derivative in rats with TNBS-induced colitis. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 561, 93-101	6.5	6

452	Electrospun Antimicrobial Films of Poly(3-hydroxybutyrate--3-hydroxyvalerate) Containing Eugenol Essential Oil Encapsulated in Mesoporous Silica Nanoparticles. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	57
451	Stimulus-responsive nanomotors based on gated enzyme-powered Janus Au-mesoporous silica nanoparticles for enhanced cargo delivery. <i>Chemical Communications</i> , <b>2019</b> , 55, 13164-13167	5.8	28
450	Overview of the Evolution of Silica-Based Chromo-Fluorogenic Nanosensors. <i>Sensors</i> , <b>2019</b> , 19,	3.8	10
449	Highly Sensitive and Selective Molecular Probes for Chromo-Fluorogenic Sensing of Carbon Monoxide in Air, Aqueous Solution and Cells. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 2069-2081	4.8	26
448	Colorimetric detection of normetanephrine, a pheochromocytoma biomarker, using bifunctionalised gold nanoparticles. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1056, 146-152	6.6	18
447	Microalgae degradation follow up by voltammetric electronic tongue, impedance spectroscopy and NMR spectroscopy. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 281, 44-52	8.5	7
446	A simple and easy-to-prepare imidazole-based probe for the selective chromo-fluorogenic recognition of biothiols and Cu(II) in aqueous environments. <i>Dyes and Pigments</i> , <b>2019</b> , 162, 303-308	4.6	20
445	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> , <b>2019</b> , 25, 3575-3581	4.8	5
444	Magnetic core mesoporous silica nanoparticles doped with dacarbazine and labelled with 99mTc for early and differential detection of metastatic melanoma by single photon emission computed tomography. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 1080-1087	6.1	17
443	Cytotoxicity, genotoxicity, transplacental transfer and tissue disposition in pregnant rats mediated by nanoparticles: the case of magnetic core mesoporous silica nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 527-538	6.1	20
442	11B-MAS NMR approach to the boron adsorption mechanism on a glucose-functionalised mesoporous silica matrix. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 266, 232-241	5.3	10
441	Indirect calculation of monoclonal antibodies in nanoparticles using the radiolabeling process with technetium 99 metastable as primary factor: Alternative methodology for the entrapment efficiency. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 153, 90-94	3.5	8
440	A dual channel sulphur-containing a macrocycle functionalised BODIPY probe for the detection of Hg(II) in a mixed aqueous solution. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 7863-7868	3.6	9
439	Anilinopyridineâ€”metal complexes for the selective chromogenic sensing of cyanide anion. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 786-796	1.6	6
438	Gated Porous Materials for Biomedical Applications. <i>From Biomaterials Towards Medical Devices</i> , <b>2018</b> , 113-183		1
437	Future Perspective on the Smart Delivery of Biomolecules. <i>From Biomaterials Towards Medical Devices</i> , <b>2018</b> , 363-371		0
436	Toward chemical communication between nanodevices. <i>Nano Today</i> , <b>2018</b> , 18, 8-11	17.9	13
435	Full inhibition of enzymatic browning in the presence of thiol-functionalised silica nanomaterial. <i>Food Chemistry</i> , <b>2018</b> , 241, 199-205	8.5	17

434	Drug Delivery Nanosystems for the Localized Treatment of Glioblastoma Multiforme. <i>Materials</i> , <b>2018</b> , 11,	3.5	45
433	Gold Nanostars Coated with Mesoporous Silica Are Effective and Nontoxic Photothermal Agents Capable of Gate Keeping and Laser-Induced Drug Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 27644-27656	9.5	44
432	Improving the Antimicrobial Power of Low-Effective Antimicrobial Molecules Through Nanotechnology. <i>Journal of Food Science</i> , <b>2018</b> , 83, 2140-2147	3.4	14
431	Functional Magnetic Mesoporous Silica Microparticles Capped with an Azo-Derivative: A Promising Colon Drug Delivery Device. <i>Molecules</i> , <b>2018</b> , 23,	4.8	8
430	A versatile drug delivery system targeting senescent cells. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10,	12	108
429	Hybrid Mesoporous Nanocarriers Act by Processing Logic Tasks: Toward the Design of Nanobots Capable of Reading Information from the Environment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 26494-26500	9.5	13
428	Effect of obesity on biodistribution of nanoparticles. <i>Journal of Controlled Release</i> , <b>2018</b> , 281, 11-18	11.7	14
427	Smart gated magnetic silica mesoporous particles for targeted colon drug delivery: New approaches for inflammatory bowel diseases treatment. <i>Journal of Controlled Release</i> , <b>2018</b> , 281, 58-69	11.7	31
426	Mesoporous silica microparticles gated with a bulky azo derivative for the controlled release of dyes/drugs in colon. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 180873	3.3	5
425	4-(4,5-Diphenyl-1H-imidazole-2-yl)-N,N-dimethylaniline-Cu(II) complex, a highly selective probe for glutathione sensing in water-acetonitrile mixtures. <i>Dyes and Pigments</i> , <b>2018</b> , 159, 45-48	4.6	8
424	Nanocarriers as phototherapeutic drug delivery system: Appraisal of three different nanosystems in an in vivo and in vitro exploratory study. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2018</b> , 21, 43-49	3.5	13
423	?-Polylysine-Capped Mesoporous Silica Nanoparticles as Carrier of the C9h Peptide to Induce Apoptosis in Cancer Cells. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1890-1897	4.8	22
422	Selective and sensitive colorimetric detection of the neurotransmitter serotonin based on the aggregation of bifunctionalised gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 258, 829-835	8.5	33
421	Recent advances on intelligent packaging as tools to reduce food waste. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 3398-3409	10.3	121
420	In loco retention effect of magnetic core mesoporous silica nanoparticles doped with trastuzumab as intralesional nanodrug for breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, S725-S733	6.1	5
419	Antimicrobial activity of commercial calcium phosphate based materials functionalized with vanillin. <i>Acta Biomaterialia</i> , <b>2018</b> , 81, 293-303	10.8	13
418	Biocompatible Phenylboronic-Acid-Capped ZnS Nanocrystals Designed As Caps in Mesoporous Silica Hybrid Materials for on-Demand pH-Triggered Release In Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 34029-34038	9.5	11
417	Anchoring Gated Mesoporous Silica Particles to Ethylene Vinyl Alcohol Films for Smart Packaging Applications. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	6



416	Mesoporous Bioactive Glasses Equipped with Stimuli-Responsive Molecular Gates for Controlled Delivery of Levofloxacin against Bacteria. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18944-18951	4.8	15
415	Design of oligonucleotide-capped mesoporous silica nanoparticles for the detection of miRNA-145 by duplex and triplex formation. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 277, 598-603	8.5	12
414	A voltammetric e-tongue tool for the emulation of the sensorial analysis and the discrimination of vegetal milks. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 270, 231-238	8.5	15
413	Toxicological assessment of mesoporous silica particles in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Research</i> , <b>2018</b> , 166, 61-70	7.9	18
412	Functionalized Silica Nanomaterials as a New Tool for New Industrial Applications <b>2018</b> , 165-196		2
411	Chromogenic and Fluorogenic Probes for the Detection of Illicit Drugs. <i>ChemistryOpen</i> , <b>2018</b> , 7, 401-428	2.3	19
410	A Voltammetric Electronic Tongue for the Quantitative Analysis of Quality Parameters in Wastewater. <i>Electroanalysis</i> , <b>2017</b> , 29, 1147-1153	3	12
409	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. <i>Journal of Controlled Release</i> , <b>2017</b> , 248, 60-70	11.7	24
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15	Oxidative decarboxylation of naproxen. <i>Journal of Pharmaceutical Sciences</i> , <b>1992</b> , 81, 479-82	3.9	25
14	Structure of bis(2,2'-bipyridine)dichlororhodium(III) chloride dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 519-522		9
13	A dinuclear rhodium(III) complex with the N,N'-ethylenebis(salicylideneiminato) (salen) ligand in a bridging bis-bidentate mode of coordination. Crystal structure of $[Rh(\{C_6H_4\}PPh_2)_2(\mu-P(o-ClC_6H_4)Ph_2)]_2(salen)](SbF_6)_2$ . <i>Inorganica Chimica Acta</i> , <b>1990</b> , 168, 149-152	2.7	5
12	ortho-metallation of P(m-MeC <sub>6</sub> H <sub>4</sub> ) <sub>3</sub> in dirhodium(II) tetraacetate. Molecular structure of $Rh_2(O_2CCH_3)_2[(m-MeC_6H_3)P(m-MeC_6H_4)_2]_2(HO_2CCH_3)_2 \cdot CH_3CO_2H$ . <i>Inorganica Chimica Acta</i> , <b>1990</b> , 173, 99-105	2.7	30
11	Crystal structure and spectroscopic studies of bis(N-2-pyridinylcarbonyl-2-pyridinecarboximidato)copper(II) monohydrate. Local bonding effects. <i>Inorganica Chimica Acta</i> , <b>1989</b> , 159, 11-18	2.7	40
10	Orthometallation reactions of rhodium compounds containing orthohaloarylphosphines: V. Synthesis and reactivity of orthometallated rhodium(III) compounds. Crystal structure of $RhCl(CO)[P(o-ClC_6H_4)Ph_2]_2$ . <i>Journal of Organometallic Chemistry</i> , <b>1988</b> , 356, 355-366	2.3	13
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