

Miguel A Correa-Duarte

List of Publications by Year in descending order

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149
papers

8,036
citations

50170

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86
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160
all docs

160
docs citations

160
times ranked

11376
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and Biocompatibility of Carbon Nanotube-Based 3D Networks as Scaffolds for Cell Seeding and Growth. <i>Nano Letters</i> , 2004, 4, 2233-2236.	4.5	458
2	Composite Silica Spheres with Magnetic and Luminescent Functionalities. <i>Advanced Functional Materials</i> , 2006, 16, 509-514.	7.8	364
3	Alignment of Carbon Nanotubes under Low Magnetic Fields through Attachment of Magnetic Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19060-19063.	1.2	315
4	Stabilization of CdS semiconductor nanoparticles against photodegradation by a silica coating procedure. <i>Chemical Physics Letters</i> , 1998, 286, 497-501.	1.2	307
5	Mechanism of Strong Luminescence Photoactivation of Citrate-Stabilized Water-Soluble Nanoparticles with CdSe Cores. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15461-15469.	1.2	263
6	Increasing the Complexity of Magnetic Core/Shell Structured Nanocomposites for Biological Applications. <i>Advanced Materials</i> , 2007, 19, 4131-4144.	11.1	259
7	Aligning Au Nanorods by Using Carbon Nanotubes as Templates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4375-4378.	7.2	231
8	Boosting Hot Electron-Driven Photocatalysis through Anisotropic Plasmonic Nanoparticles with Hot Spots in Au@TiO ₂ Nanoarchitectures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11690-11699.	1.5	201
9	Layer-By-Layer Assembly of Core-Shell Magnetite Nanoparticles: Effect of Silica Coating on Interparticle Interactions and Magnetic Properties. <i>Advanced Materials</i> , 1999, 11, 1006-1010.	11.1	197
10	Multicolor Luminescence Patterning by Photoactivation of Semiconductor Nanoparticle Films. <i>Journal of the American Chemical Society</i> , 2003, 125, 2830-2831.	6.6	195
11	Control of Packing Order of Self-Assembled Monolayers of Magnetite Nanoparticles with and without SiO ₂ Coating by Microwave Irradiation. <i>Langmuir</i> , 1998, 14, 6430-6435.	1.6	172
12	Linear Assemblies of Silica-Coated Gold Nanoparticles Using Carbon Nanotubes as Templates. <i>Advanced Materials</i> , 2004, 16, 2179-2184.	11.1	172
13	Bifunctional Gold-Coated Magnetic Silica Spheres. <i>Chemistry of Materials</i> , 2006, 18, 2701-2706.	3.2	159
14	Carbon nanotubes as templates for one-dimensional nanoparticle assemblies. <i>Journal of Materials Chemistry</i> , 2006, 16, 22-25.	6.7	152
15	Design of SERS-Encoded, Submicron, Hollow Particles Through Confined Growth of Encapsulated Metal Nanoparticles. <i>Journal of the American Chemical Society</i> , 2009, 131, 2699-2705.	6.6	144
16	Layer-by-Layer Assembly of Multiwall Carbon Nanotubes on Spherical Colloids. <i>Chemistry of Materials</i> , 2005, 17, 3268-3272.	3.2	140
17	Sol-Gel Processing of Silica-Coated Gold Nanoparticles. <i>Langmuir</i> , 2001, 17, 6375-6379.	1.6	138
18	Physicochemical Properties of Protein-Coated Gold Nanoparticles in Biological Fluids and Cells before and after Proteolytic Digestion. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4179-4183.	7.2	138

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19	Hollow Shelled Nanoreactors Endowed with High Catalytic Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 12196-12211.	1.7	119
20	Loading of Exponentially Grown LBL Films with Silver Nanoparticles and Their Application to Generalized SERS Detection. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5326-5329.	7.2	117
21	Enhanced Introduction of Gold Nanoparticles into <i>Vital Acidothiobacillus ferrooxidans</i> by Carbon Nanotube-based Microwave Electroporation. <i>Nano Letters</i> , 2004, 4, 985-988.	4.5	115
22	Highly Transparent and Conductive Films of Densely Aligned Ultrathin Au Nanowire Monolayers. <i>Nano Letters</i> , 2012, 12, 6066-6070.	4.5	109
23	Photoluminescence Quenching Control in Quantum Dot Carbon Nanotube Composite Colloids Using a Silica-Shell Spacer. <i>Advanced Materials</i> , 2006, 18, 415-420.	11.1	106
24	Controlled drug delivery systems for cancer based on mesoporous silica nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3389-3401.	3.3	103
25	Highly Catalytic Single-Crystal Dendritic Pt Nanostructures Supported on Carbon Nanotubes. <i>Chemistry of Materials</i> , 2009, 21, 1531-1535.	3.2	100
26	Highly Active Nanoreactors: Nanomaterial Encapsulation Based on Confined Catalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3877-3882.	7.2	99
27	Label-free SERS detection of relevant bioanalytes on silver-coated carbon nanotubes: The case of cocaine. <i>Nanoscale</i> , 2009, 1, 153.	2.8	98
28	XPS Characterization of Au (Core)/SiO ₂ (Shell) Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7597-7600.	1.2	92
29	Chemical speciation of heavy metals by surface-enhanced Raman scattering spectroscopy: identification and quantification of inorganic- and methyl-mercury in water. <i>Nanoscale</i> , 2014, 6, 8368-8375.	2.8	92
30	Synthesis and Stabilization of Subnanometric Gold Oxide Nanoparticles on Multiwalled Carbon Nanotubes and Their Catalytic Activity. <i>Journal of the American Chemical Society</i> , 2011, 133, 10251-10261.	6.6	87
31	Chiral Plasmonic Nanocrystals for Generation of Hot Electrons: Toward Polarization-Sensitive Photochemistry. <i>Nano Letters</i> , 2019, 19, 1395-1407.	4.5	83
32	Silica gels with tailored, gold nanorod-driven optical functionalities. <i>Applied Surface Science</i> , 2004, 226, 137-143.	3.1	82
33	Hollow nanoreactors for Pd-catalyzed Suzuki-Miyaura coupling and <i>o</i> -propargyl cleavage reactions in bio-relevant aqueous media. <i>Chemical Science</i> , 2019, 10, 2598-2603.	3.7	77
34	Macroscale Plasmonic Substrates for Highly Sensitive Surface-Enhanced Raman Scattering. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6459-6463.	7.2	75
35	Plasmonic Nanoprobes for Real-Time Optical Monitoring of Nitric Oxide inside Living Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13694-13698.	7.2	74
36	Nanoreactors for Simultaneous Remote Thermal Activation and Optical Monitoring of Chemical Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 13616-13619.	6.6	70

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37	Dual biorecognition by combining molecularly-imprinted polymer and antibody in SERS detection. Application to carcinoembryonic antigen. <i>Biosensors and Bioelectronics</i> , 2019, 146, 111761.	5.3	69
38	One-dimensional assemblies of silica-coated cobalt nanoparticles: Magnetic pearl necklaces. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 303, 163-166.	1.0	68
39	Carbon Nanotubes Encapsulated in Wormlike Hollow Silica Shells. <i>Small</i> , 2006, 2, 1174-1177.	5.2	58
40	Layer-by-Layer Polymer Coating of Carbon Nanotubes: Tuning of Electrical Conductivity in Random Networks. <i>Journal of the American Chemical Society</i> , 2010, 132, 3751-3755.	6.6	58
41	Hot Electrons Generated in Chiral Plasmonic Nanocrystals as a Mechanism for Surface Photochemistry and Chiral Growth. <i>Journal of the American Chemical Society</i> , 2020, 142, 4193-4205.	6.6	58
42	Pt-Catalyzed Formation of Ni Nanoshells on Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7026-7030.	7.2	56
43	Magnetic Properties of Ni/NiO Nanowires Deposited onto CNT/Pt Nanocomposites. <i>Advanced Functional Materials</i> , 2008, 18, 616-621.	7.8	56
44	Efficiency of Hot-Electron Generation in Plasmonic Nanocrystals with Complex Shapes: Surface-Induced Scattering, Hot Spots, and Interband Transitions. <i>ACS Photonics</i> , 2020, 7, 2807-2824.	3.2	55
45	Immobilization of laccase on functionalized multiwalled carbon nanotube membranes and application for dye decolorization. <i>RSC Advances</i> , 2016, 6, 114690-114697.	1.7	54
46	Synthesis and Characterization of Large Colloidal Cobalt Particles. <i>Langmuir</i> , 2006, 22, 1455-1458.	1.6	51
47	Asymmetric Functional Colloids Through Selective Hemisphere Modification. <i>Advanced Materials</i> , 2005, 17, 2014-2018.	11.1	46
48	Boosting the Quantitative Inorganic Surface-Enhanced Raman Scattering Sensing to the Limit: The Case of Nitrite/Nitrate Detection. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 868-874.	2.1	41
49	Chiral Generation of Hot Carriers for Polarization-Sensitive Plasmonic Photocatalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 1663-1671.	6.6	41
50	Insulin-Coated Gold Nanoparticles: A Plasmonic Device for Studying Metal-Protein Interactions. <i>Small</i> , 2011, 7, 2650-2660.	5.2	40
51	Cobalt and silica based core-shell structured nanospheres. <i>Journal of Materials Chemistry</i> , 2006, 16, 3593-3597.	6.7	39
52	Sunlight-Sensitive Plasmonic Nanostructured Composites as Photocatalytic Coating with Antibacterial Properties. <i>Advanced Functional Materials</i> , 2021, 31, 2105807.	7.8	37
53	Local Growth Mediated by Plasmonic Hot Carriers: Chirality from Achiral Nanocrystals Using Circularly Polarized Light. <i>Nano Letters</i> , 2021, 21, 10315-10324.	4.5	37
54	Manipulation of Chemically Synthesized FePt Nanoparticles in Water: Core-Shell Silica/FePt Nanocomposites. <i>Small</i> , 2005, 1, 1073-1076.	5.2	36

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55	Robust raspberry-like metallo-dielectric nanoclusters of critical sizes as SERS substrates. <i>Nanoscale</i> , 2017, 9, 5725-5736.	2.8	36
56	Photophysical Effects behind the Efficiency of Hot Electron Injection in Plasmon-Assisted Catalysis: The Joint Role of Morphology and Composition. <i>ACS Energy Letters</i> , 2020, 5, 395-402.	8.8	36
57	Quantitative uptake of colloidal particles by cell cultures. <i>Science of the Total Environment</i> , 2016, 568, 819-828.	3.9	35
58	Nanoengineered Polymeric Thin Films by Sintering CNT-Coated Polystyrene Spheres. <i>Small</i> , 2006, 2, 220-224.	5.2	34
59	Conformal oxide coating of carbon nanotubes. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	34
60	Microfluidic-Induced Growth and Shape-Up of Three-Dimensional Extended Arrays of Densely Packed Nanoparticles. <i>ACS Nano</i> , 2013, 7, 6465-6477.	7.3	34
61	Remote Activation of Hollow Nanoreactors for Heterogeneous Photocatalysis in Biorelevant Media. <i>Nano Letters</i> , 2020, 20, 7068-7076.	4.5	34
62	Elastic properties of hard cobalt boride composite nanoparticles. <i>Acta Materialia</i> , 2010, 58, 6474-6486.	3.8	32
63	Extraordinarily transparent compact metallic metamaterials. <i>Nature Communications</i> , 2019, 10, 2118.	5.8	32
64	Microporous Plasmonic Capsules as Stable Molecular Sieves for Direct SERS Quantification of Small Pollutants in Natural Waters. <i>ChemNanoMat</i> , 2019, 5, 46-50.	1.5	31
65	Optical strain detectors based on gold/elastomer nanoparticulated films. <i>Gold Bulletin</i> , 2007, 40, 6-14.	3.2	30
66	Hybrid plasmonic nanoresonators as efficient solar heat shields. <i>Nano Energy</i> , 2017, 37, 118-125.	8.2	30
67	CORE-SHELL NANOPARTICLES AND ASSEMBLIES THEREOF. , 2001, , 189-237.		29
68	Loss-Mitigated Collective Resonances in Gain-Assisted Plasmonic Mesocapsules. <i>ACS Photonics</i> , 2014, 1, 371-376.	3.2	29
69	Femtosecond dynamics of CdTe quantum dots in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 196, 51-58.	2.0	28
70	Direct growth of shape controlled TiO ₂ nanocrystals onto SWCNTs for highly active photocatalytic materials in the visible. <i>Applied Catalysis B: Environmental</i> , 2015, 178, 91-99.	10.8	28
71	Dielectric media based on isolated metallic nanostructures. <i>Journal of Applied Physics</i> , 2005, 98, 034310.	1.1	27
72	Tailoring the magnetic properties of nickel nanoshells through controlled chemical growth. <i>Journal of Materials Chemistry</i> , 2010, 20, 7360.	6.7	27

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73	SERS assisted ultra-fast peptidic screening: a new tool for drug discovery. <i>Nanoscale</i> , 2012, 4, 113-116.	2.8	27
74	Chiral Bioinspired Plasmonics: A Paradigm Shift for Optical Activity and Photochemistry. <i>ACS Photonics</i> , 2022, 9, 2219-2236.	3.2	26
75	SERS Study of the Controllable Release of Nitric Oxide from Aromatic Nitrosothiols on Bimetallic, Bifunctional Nanoparticles Supported on Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 56-59.	4.0	23
76	Bulk optical metamaterials assembled by microfluidic evaporation. <i>Optical Materials Express</i> , 2013, 3, 1792.	1.6	23
77	Carbon nanotubes gathered onto silica particles lose their biomimetic properties with the cytoskeleton becoming biocompatible. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6317-6328.	3.3	22
78	SERS and electrochemical impedance spectroscopy immunoassay for carcinoembryonic antigen. <i>Electrochimica Acta</i> , 2021, 366, 137377.	2.6	22
79	Optical Trapping of Plasmonic Mesocapsules: Enhanced Optical Forces and SERS. <i>Journal of Physical Chemistry C</i> , 2017, 121, 691-700.	1.5	21
80	Photodegradation of SiO ₂ -Coated CdS Nanoparticles within Silica Gels. <i>Journal of Nanoscience and Nanotechnology</i> , 2001, 1, 95-99.	0.9	20
81	Au-decorated sodium titanate nanotubes as high-performance selective photocatalysts for pollutant degradation. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 144002.	1.3	20
82	Tunable Black Gold: Controlling the Near-Field Coupling of Immobilized Au Nanoparticles Embedded in Mesoporous Silica Capsules. <i>Advanced Optical Materials</i> , 2017, 5, 1700617.	3.6	20
83	Traveling Hot Spots in Plasmonic Photocatalysis: Manipulating Interparticle Spacing for Real-Time Control of Electron Injection. <i>ChemCatChem</i> , 2018, 10, 1561-1565.	1.8	20
84	Chiral Photomelting of DNA-Nanocrystal Assemblies Utilizing Plasmonic Photoheating. <i>Nano Letters</i> , 2021, 21, 7298-7308.	4.5	20
85	Charging/Discharging of Au (Core)/Silica (Shell) Nanoparticles as Revealed by XPS. <i>Journal of Physical Chemistry B</i> , 2005, 109, 24182-24184.	1.2	19
86	Radial Inner Morphology Effects on the Mechanical Properties of Amorphous Composite Cobalt Boride Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13451-13458.	1.5	19
87	The effect of the silica thickness on the enhanced emission in single particle quantum dots coated with gold nanoparticles. <i>RSC Advances</i> , 2013, 3, 10691.	1.7	19
88	Hierarchical Nanoplatforms for High-Performance Enzyme Biocatalysis under Denaturing Conditions. <i>ChemCatChem</i> , 2016, 8, 1264-1268.	1.8	19
89	Tobacco Mosaic Virus-Functionalized Mesoporous Silica Nanoparticles, a Wool-Ball-like Nanostructure for Drug Delivery. <i>Langmuir</i> , 2019, 35, 203-211.	1.6	19
90	Free-Standing Carbon Nanotube Films as Optical Accumulators for Multiplex SERRS Attomolar Detection. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 19-22.	4.0	18

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91	Enhancing the Exploitation of Functional Nanomaterials through Spatial Confinement: The Case of Inorganic Submicrometer Capsules. <i>Langmuir</i> , 2015, 31, 8745-8755.	1.6	18
92	One-pot synthesis of TiO ₂ /Sb ₂ S ₃ /RGO complex multicomponent heterostructures for highly enhanced photoelectrochemical water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 31216-31227.	3.8	18
93	Impact of Citrate and Lipid-Functionalized Magnetic Nanoparticles in Dehydropeptide Supramolecular Magnetogels: Properties, Design and Drug Release. <i>Nanomaterials</i> , 2021, 11, 16.	1.9	18
94	Challenges and Opportunities for Renewable Ammonia Production via Plasmon-Assisted Photocatalysis. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	18
95	Formation of Fractal-Like Structures Driven by Carbon Nanotubes-Based Collapsed Hollow Capsules. <i>Journal of Physical Chemistry B</i> , 2007, 111, 331-334.	1.2	17
96	A Biomimetic Escape Strategy for Cytoplasm Invasion by Synthetic Particles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13736-13740.	7.2	17
97	Ostwald Ripening of Platinum Nanoparticles Confined in a Carbon Nanotube/Silica-Templated Cylindrical Space. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	1.5	16
98	Carbon Nanotube Microfiber Actuators with Reduced Stress Relaxation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6851-6858.	1.5	15
99	Plasmonic Nanocrystals with Complex Shapes for Photocatalysis and Growth: Contrasting Anisotropic Hot-Electron Generation with the Photothermal Effect. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	15
100	Magnificent Sea-Anemone-Like Magnetic Silica Capsules Reinforced with Carbon Nanotubes. <i>Small</i> , 2008, 4, 583-586.	5.2	14
101	Optical Response of Ag-Au Bimetallic Nanoparticles to Electron Storage in Aqueous Medium. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3003-3007.	0.9	14
102	Synthesis of Carbon Nanotube-Inorganic Hybrid Nanocomposites: An Instructional Experiment in Nanomaterials Chemistry. <i>Journal of Chemical Education</i> , 2012, 89, 280-283.	1.1	14
103	Synergy effects of magnetic silica nanostructures for drug delivery applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2645-2653.	2.9	14
104	Pd-CNT-SiO ₂ nanoskein: composite structure design for formic acid dehydrogenation. <i>Chemical Communications</i> , 2019, 55, 10733-10736.	2.2	14
105	Macroscale Plasmonic Substrates for Highly Sensitive Surface-Enhanced Raman Scattering. <i>Angewandte Chemie</i> , 2013, 125, 6587-6591.	1.6	12
106	Gain-assisted plasmonic metamaterials: mimicking nature to go across scales. <i>Rendiconti Lincei</i> , 2015, 26, 161-174.	1.0	12
107	Development of a biosensor for phosphorylated Tau 181 protein detection in Early-Stage Alzheimer's disease. <i>Bioelectrochemistry</i> , 2022, 145, 108057.	2.4	12
108	Titanate Nanowires as One-Dimensional Hot Spot Generators for Broadband Au-TiO ₂ Photocatalysis. <i>Nanomaterials</i> , 2019, 9, 990.	1.9	11

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109	Plasmonic Retrofitting of Membrane Materials: Shifting from Self-Regulation to On-Command Control of Fluid Flow. <i>Advanced Materials</i> , 2018, 30, 1707598.	11.1	10
110	Boosting the analytical properties of gold nanostars by single particle confinement into yolk porous silica shells. <i>Nanoscale</i> , 2019, 11, 21872-21879.	2.8	10
111	Advanced Hybrid Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3684-3688.	0.9	9
112	Magnetic recoverable catalysts; assessment on CTAB-stabilized gold nanostructures. <i>Journal of Materials Chemistry</i> , 2010, 20, 326-330.	6.7	9
113	Design of Polymeric and Biocompatible Delivery Systems by Dissolving Mesoporous Silica Templates. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9573.	1.8	9
114	Engineering Sub-Cellular Targeting Strategies to Enhance Safe Cytosolic Silica Particle Dissolution in Cells. <i>Pharmaceutics</i> , 2020, 12, 487.	2.0	9
115	Tuning the drug multimodal release through a co-assembly strategy based on magnetic gels. <i>Nanoscale</i> , 2022, 14, 5488-5500.	2.8	9
116	Engineering microencapsulation of highly catalytic gold nanoclusters for an extreme thermal stability. <i>Nanoscale</i> , 2015, 7, 20584-20592.	2.8	8
117	Laser-protective soft contact lenses: Keeping an eye on the eye through plasmonics. <i>Applied Materials Today</i> , 2019, 15, 1-5.	2.3	7
118	A custom-made functionalization method to control the biological identity of nanomaterials. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102268.	1.7	7
119	FePt nanocrystals embedded in methylmethacrylate polymers. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 299, 467-471.	1.0	6
120	Iron-Assisted Synthesis of Highly Monodispersed and Magnetic Citrate-Stabilized Small Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3270-3276.	1.5	6
121	Visible light driven oxidation of harmful 2-Chloroethyl ethyl sulfide using SiO ₂ -TiO ₂ composite particles and air. <i>Colloids and Interface Science Communications</i> , 2021, 41, 100362.	2.0	6
122	Self-Assembly of Spherical or Rod-Shaped Magnetic Nanocrystals onto Curved Substrates Governed by the Radius of Curvature. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800046.	1.2	5
123	The Influence of miRNAs on Radiotherapy Treatment in Prostate Cancer – A Systematic Review. <i>Frontiers in Oncology</i> , 2021, 11, 704664.	1.3	5
124	Surface Plasmon Resonance in Gold/Magnetite Nanoparticulated Layers onto Planar Substrates. <i>Sensor Letters</i> , 2007, 5, 113-117.	0.4	5
125	Tuning the Biomineralization Process for Controlling the Nucleation and Oriented Growth of Ca ²⁺ /P Crystals onto Functionalized Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3400-3404.	1.5	4
126	“Takeaway” drug delivery: A new nanomedical paradigm. <i>Nano Research</i> , 2017, 10, 2234-2243.	5.8	4

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127	A Biomimetic Escape Strategy for Cytoplasm Invasion by Synthetic Particles. <i>Angewandte Chemie</i> , 2017, 129, 13924-13928.	1.6	4
128	Spontaneous Formation of Cold-Welded Plasmonic Nanoassemblies with Refracted Shapes for Intense Raman Scattering. <i>Langmuir</i> , 2019, 35, 4110-4116.	1.6	4
129	Macrophagic enhancement in optical coherence tomography imaging by means of superparamagnetic iron oxide nanoparticles. <i>Cardiology Journal</i> , 2017, 24, 459-466.	0.5	4
130	Solid Lipid Nanoparticles - SLN. , 2012, , 2471-2487.		3
131	A caging strategy for tuning the magneto-optical properties of cobalt ferrite using a single plasmonic nanoparticle. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5098-5104.	2.7	3
132	Magnetic Properties of Nanowires guided by Carbon Nanotubes. , 0, , .		2
133	SERS optical accumulators as unified nanoplatforms for tear sampling and sensing in soft contact lenses. <i>Nanoscale</i> , 2022, 14, 7991-7999.	2.8	2
134	Back Cover: Highly Active Nanoreactors: Nanomaterial Encapsulation Based on Confined Catalysis (<i>Angew. Chem. Int. Ed.</i> 16/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3976-3976.	7.2	1
135	Kinetic impact of Pt seed morphology on the highly controlled growth of Ni-based nanostructures. <i>RSC Advances</i> , 2015, 5, 52033-52040.	1.7	1
136	Hierarchical Nanoplatforms for High-Performance Enzyme Biocatalysis under Denaturing Conditions. <i>ChemCatChem</i> , 2016, 8, 1236-1237.	1.8	1
137	Design and fabrication of bimetallic plasmonic colloids through cold nanowelding. <i>Nanoscale</i> , 2022, 14, 9439-9447.	2.8	1
138	Solar Cells. , 2012, , 2459-2459.		0
139	siRNA Delivery. , 2012, , 2429-2429.		0
140	Small-Angle Scattering. , 2012, , 2437-2437.		0
141	Silver (Ag). , 2012, , 2420-2420.		0
142	Synthesis of Subnanometric Metal Nanoparticles. , 2012, , 2639-2648.		0
143	Surface Plasmon Enhanced Optical Bistability and Optical Switching. , 2012, , 2583-2591.		0
144	Smart Carbon Nanotube-Polymer Composites. , 2012, , 2451-2451.		0

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145	Microfluidic-assisted growth of densely-packed arrays of nanoparticles. , 2013, , .		0
146	Co nanocrystals engineering. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2017, 8, 025010.	0.7	0
147	Enhancing Photocatalytic Efficiency through Plasmonic Nanoparticles with Au-TiO ₂ based Nanostructures. , 2021, , .		0
148	Synthesis of Gold Nanoparticles. , 2015, , 1-12.		0
149	Synthesis of Gold Nanoparticles. , 2016, , 4017-4027.		0