

Raphael Schneider

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5683883/publications.pdf>

Version: 2024-02-01

183
papers

10,169
citations

31976

53
h-index

39675

94
g-index

203
all docs

203
docs citations

203
times ranked

11707
citing authors

#	ARTICLE	IF	CITATIONS
1	Heart-rate turbulence after ventricular premature beats as a predictor of mortality after acute myocardial infarction. <i>Lancet, The</i> , 1999, 353, 1390-1396.	13.7	659
2	Deceleration capacity of heart rate as a predictor of mortality after myocardial infarction: cohort study. <i>Lancet, The</i> , 2006, 367, 1674-1681.	13.7	502
3	Heart Rate Turbulence: Standards of Measurement, Physiological Interpretation, and Clinical Use. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1353-1365.	2.8	396
4	ZnO rods/reduced graphene oxide composites prepared via a solvothermal reaction for efficient sunlight-driven photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2016, 185, 11-21.	20.2	361
5	Controlling ZIF-8 nano- and microcrystal formation and reactivity through zinc salt variations. <i>CrystEngComm</i> , 2014, 16, 4493-4500.	2.6	341
6	Risk Stratification After Acute Myocardial Infarction by Heart Rate Turbulence. <i>Circulation</i> , 2003, 108, 1221-1226.	1.6	221
7	Prediction of sudden cardiac death after acute myocardial infarction: role of Holter monitoring in the modern treatment era. <i>European Heart Journal</i> , 2005, 26, 762-769.	2.2	215
8	Nickel(0)/Dihydroimidazol-2-ylidene Complex Catalyzed Coupling of Aryl Chlorides and Amines. <i>Journal of Organic Chemistry</i> , 2002, 67, 3029-3036.	3.2	213
9	Cu ²⁺ -doped zeolitic imidazolate frameworks (ZIF-8): efficient and stable catalysts for cycloadditions and condensation reactions. <i>Catalysis Science and Technology</i> , 2015, 5, 1829-1839.	4.1	212
10	Design, synthesis, and biological evaluation of folic acid targeted tetraphenylporphyrin as novel photosensitizers for selective photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2799-2808.	3.0	188
11	Phase-rectified signal averaging detects quasi-periodicities in non-stationary data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 364, 423-434.	2.6	187
12	Efficient Nickel-Mediated Intramolecular Amination of Aryl Chlorides. <i>Organic Letters</i> , 2003, 5, 2311-2314.	4.6	183
13	Folic acid-conjugated core/shell ZnS:Mn/ZnS quantum dots as targeted probes for two photon fluorescence imaging of cancer cells. <i>Acta Biomaterialia</i> , 2011, 7, 1327-1338.	8.3	172
14	Improved Stratification of Autonomic Regulation for risk prediction in post-infarction patients with preserved left ventricular function (ISAR-Risk). <i>European Heart Journal</i> , 2009, 30, 576-583.	2.2	167
15	Porous Mn-doped ZnO nanoparticles for enhanced solar and visible light photocatalysis. <i>Materials and Design</i> , 2016, 101, 309-316.	7.0	165
16	Ce-Doped YAG Nanophosphor and Red Emitting CuInS ₂ /ZnS Core/Shell Quantum Dots for Warm White Light-Emitting Diode with High Color Rendering Index. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 252-258.	8.0	154
17	Biocompatible and stable ZnO quantum dots generated by functionalization with siloxane-core PAMAM dendrons. <i>Journal of Materials Chemistry</i> , 2010, 20, 1147-1155.	6.7	141
18	Nickel(0)/Imidazolium Chloride Catalyzed Reduction of Aryl Halides. <i>Organometallics</i> , 2002, 21, 1554-1559.	2.3	135

#	ARTICLE	IF	CITATIONS
19	One-Pot Noninjection Route to CdS Quantum Dots via Hydrothermal Synthesis. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2561-2569.	8.0	134
20	Nickel-catalysed amination of aryl chlorides using a dihydroimidazoline carbene ligand. <i>Tetrahedron Letters</i> , 2001, 42, 5689-5692.	1.4	114
21	Transfer Hydrogenation of Imines Catalyzed by a Nickel(0)/NHC Complex. <i>Organometallics</i> , 2003, 22, 4184-4186.	2.3	114
22	Improvement of <i>meta</i> -tetra(Hydroxyphenyl)chlorin-Like Photosensitizer Selectivity with Folate-Based Targeted Delivery. Synthesis and in Vivo Delivery Studies. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3867-3877.	6.4	112
23	Catalytic Carbon-Fluorine Bond Activation with Monocoordinated Nickel-Carbene Complexes: Reduction of Fluoroarenes. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 341-344.	4.3	107
24	Water-Based Route to Colloidal Mn-Doped ZnSe and Core/Shell ZnSe/ZnS Quantum Dots. <i>Inorganic Chemistry</i> , 2010, 49, 10940-10948.	4.0	107
25	Preparation of Cu-doped ZnS QDs/TiO ₂ nanocomposites with high photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 29-35.	20.2	106
26	Nickel-catalysed couplings of aryl chlorides with secondary amines and piperazines. <i>Tetrahedron</i> , 1999, 55, 12829-12842.	1.9	99
27	Copper- or manganese-doped ZnS quantum dots as fluorescent probes for detecting folic acid in aqueous media. <i>Journal of Luminescence</i> , 2012, 132, 987-991.	3.1	99
28	New polyaniline/Ni(0) nanocomposites: Synthesis, characterization and evaluation of their catalytic activity in Heck couplings. <i>Synthetic Metals</i> , 2005, 151, 165-174.	3.9	93
29	The exposure of bacteria to CdTe-core quantum dots: the importance of surface chemistry on cytotoxicity. <i>Nanotechnology</i> , 2009, 20, 225101.	2.6	93
30	Effects of circumferential or segmental pulmonary vein ablation for paroxysmal atrial fibrillation on cardiac autonomic function. <i>Heart Rhythm</i> , 2006, 3, 1428-1435.	0.7	86
31	Thioglycerol-capped Mn-doped ZnS quantum dot/bioconjugates as efficient two-photon fluorescent nano-probes for bioimaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 698-706.	5.8	86
32	Phase-rectified signal averaging for the detection of quasi-periodicities and the prediction of cardiovascular risk. <i>Chaos</i> , 2007, 17, 015112.	2.5	85
33	Enhanced Optical Properties of Core/Shell/Shell CdTe/CdS/ZnO Quantum Dots Prepared in Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19458-19467.	3.1	83
34	Aqueous synthesis and enhanced photocatalytic activity of ZnO/Fe ₂ O ₃ heterostructures. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 1081-1087.	4.0	82
35	Physicochemical properties and cellular toxicity of (poly)aminoalkoxysilanes-functionalized ZnO quantum dots. <i>Nanotechnology</i> , 2012, 23, 335101.	2.6	81
36	Fe ₃ O ₄ @ZIF-8: magnetically recoverable catalysts by loading Fe ₃ O ₄ nanoparticles inside a zinc imidazolate framework. <i>Dalton Transactions</i> , 2015, 44, 10136-10140.	3.3	80

#	ARTICLE	IF	CITATIONS
37	Microfluidic reactors for the size-controlled synthesis of ZIF-8 crystals in aqueous phase. <i>Materials and Design</i> , 2017, 122, 31-41.	7.0	77
38	Growth of ZnO Nanorods on Graphitic Carbon Nitride gCN Sheets for the Preparation of Photocatalysts with High Visible-Light Activity. <i>ChemCatChem</i> , 2018, 10, 4973-4983.	3.7	76
39	Reduced prognostic power of ventricular late potentials in post-infarction patients of the reperfusion era. <i>European Heart Journal</i> , 2005, 26, 755-761.	2.2	75
40	Doxorubicin-Loaded Thermoresponsive Superparamagnetic Nanocarriers for Controlled Drug Delivery and Magnetic Hyperthermia Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30610-30620.	8.0	75
41	Silver nanoparticles: New synthesis, characterization and photophysical properties. <i>Materials Chemistry and Physics</i> , 2007, 104, 417-421.	4.0	72
42	Heck and Suzuki-Miyaura couplings catalyzed by nanosized palladium in polyaniline. <i>Applied Organometallic Chemistry</i> , 2005, 19, 1239-1248.	3.5	71
43	Synthesis of Core/Shell ZnO/rGO Nanoparticles by Calcination of ZIF-8/rGO Composites and Their Photocatalytic Activity. <i>ACS Omega</i> , 2017, 2, 4946-4954.	3.5	71
44	Changes in deceleration capacity of heart rate and heart rate variability induced by ambient air pollution in individuals with coronary artery disease. <i>Particle and Fibre Toxicology</i> , 2010, 7, 29.	6.2	69
45	In-situ fabrication of polyacrylate-silver nanocomposite through photoinduced tandem reactions involving eosin dye. <i>Polymer</i> , 2010, 51, 1363-1369.	3.8	66
46	High performance Ce-doped ZnO nanorods for sunlight-driven photocatalysis. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1338-1349.	2.8	65
47	Nickel-mediated amination chemistry. Part 1: Efficient aminations of (het)aryl 1,3-di and 1,3,5-trichlorides. <i>Tetrahedron Letters</i> , 2000, 41, 2875-2879.	1.4	63
48	Naphthidine di(radical cation)s-stabilized palladium nanoparticles for efficient catalytic Suzuki-Miyaura cross-coupling reactions. <i>Tetrahedron</i> , 2008, 64, 372-381.	1.9	63
49	A new and convenient route to polyacrylate/silver nanocomposites by light-induced cross-linking polymerization. <i>Progress in Organic Coatings</i> , 2008, 62, 351-357.	3.9	61
50	The influence of capping thioalkyl acid on the growth and photoluminescence efficiency of CdTe and CdSe quantum dots. <i>Nanotechnology</i> , 2008, 19, 475401.	2.6	60
51	Frequency of Sudden Cardiac Death Among Acute Myocardial Infarction Survivors With Optimized Medical and Revascularization Therapy. <i>American Journal of Cardiology</i> , 2006, 97, 480-484.	1.6	59
52	Surface-engineered quantum dots for the labeling of hydrophobic microdomains in bacterial biofilms. <i>Biomaterials</i> , 2011, 32, 5459-5470.	11.4	56
53	Quantum dot-folic acid conjugates as potential photosensitizers in photodynamic therapy of cancer. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 842.	2.9	55
54	Incidence of the core composition on the stability, the ROS production and the toxicity of CdSe quantum dots. <i>Journal of Hazardous Materials</i> , 2014, 268, 246-255.	12.4	55

#	ARTICLE	IF	CITATIONS
55	Core/shell rGO/BiOBr particles with visible photocatalytic activity towards water pollutants. Applied Surface Science, 2019, 490, 580-591.	6.1	55
56	Nickel(0)/N-heterocyclic carbene complexes catalysed arylation of aromatic diamines. Journal of Organometallic Chemistry, 2005, 690, 6169-6177.	1.8	53
57	Recent Improvements in the Use of Synthetic Peptides for a Selective Photodynamic Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2006, 6, 469-488.	1.7	52
58	Nickel-catalysed synthesis of 3-chloroanilines and chloro aminopyridines via cross-coupling reactions of aryl and heteroaryl dichlorides with amines. Tetrahedron Letters, 2001, 42, 247-250.	1.4	51
59	Porous Al-doped ZnO rods with selective adsorption properties. Applied Surface Science, 2017, 409, 102-110.	6.1	50
60	Enhanced Photostability from CdSe(S)/ZnO Core/Shell Quantum Dots and Their Use in Biolabeling. European Journal of Inorganic Chemistry, 2011, 2011, 794-801.	2.0	47
61	Amidoximes and Oximes: Synthesis, Structure, and Their Key Role as NO Donors. Molecules, 2019, 24, 2470.	3.8	47
62	Impaired cardiac autonomic nervous activity predicts sudden cardiac death in patients with operated and unoperated congenital cardiac disease. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 647-655.	0.8	45
63	Stability and toxicity of ZnO quantum dots: Interplay between nanoparticles and bacteria. Journal of Hazardous Materials, 2015, 283, 110-116.	12.4	45
64	Peptide-functionalized ZCIS QDs as fluorescent nanoprobe for targeted HER2-positive breast cancer cells imaging. Acta Biomaterialia, 2016, 35, 293-304.	8.3	45
65	Nickel-mediated amination chemistry. Part 2: Selective N-arylation or N,N ^ε -diarylation of piperazine. Tetrahedron Letters, 2000, 41, 2881-2884.	1.4	44
66	Synergistic Effect in Bimetallic Ni ^ε -Al Clusters. Application to Efficient Catalytic Reductive Dehalogenation of Polychlorinated Arenes. Tetrahedron, 2000, 56, 4765-4768.	1.9	43
67	QRS duration and late mortality in unselected post-infarction patients of the revascularization era. European Heart Journal, 2006, 27, 427-433.	2.2	43
68	A new synthesis of ultrafine nanometre-sized bismuth particles. Nanotechnology, 2004, 15, 940-944.	2.6	42
69	Trace amounts of Cu 2+ ions influence ROS production and cytotoxicity of ZnO quantum dots. Journal of Hazardous Materials, 2016, 304, 532-542.	12.4	42
70	Heterostructured thin LaFeO ₃ /g-C ₃ N ₄ films for efficient photoelectrochemical hydrogen evolution. International Journal of Hydrogen Energy, 2020, 45, 17468-17479.	7.1	42
71	Role of Gold Nanoparticles Capping Density on Stability and Surface Reactivity to Design Drug Delivery Platforms. ACS Applied Materials & Interfaces, 2012, 4, 5790-5799.	8.0	41
72	Aqueous synthesis of Cu-doped CdZnS quantum dots with controlled and efficient photoluminescence. Journal of Luminescence, 2016, 175, 193-202.	3.1	40

#	ARTICLE	IF	CITATIONS
73	Synthesis and characterization of water-soluble ZnO quantum dots prepared through PEG-siloxane coating. <i>New Journal of Chemistry</i> , 2008, 32, 1388.	2.8	39
74	Photoinduced Size-Controlled Generation of Silver Nanoparticles Coated with Carboxylate-Derivatized Thioxanthenes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10396-10402.	3.1	39
75	One pot synthesis of bismuth oxide/graphitic carbon nitride composites with high photocatalytic activity. <i>Molecular Catalysis</i> , 2019, 463, 110-118.	2.0	39
76	Nickel-catalysed sequential amination of aryl- and heteroaryl di- and trichlorides. <i>Tetrahedron</i> , 2001, 57, 7657-7664.	1.9	37
77	Aqueous synthesis of highly luminescent glutathione-capped Mn ²⁺ -doped ZnS quantum dots. <i>Materials Science and Engineering C</i> , 2014, 44, 17-23.	7.3	37
78	Aqueous Synthesis for Highly Emissive 3-Mercaptopropionic Acid-Capped AIZS Quantum Dots. <i>Inorganic Chemistry</i> , 2020, 59, 6220-6231.	4.0	37
79	Amine ligands control of the optical properties and the shape of thermally grown core/shell CuInS ₂ /ZnS quantum dots. <i>Journal of Alloys and Compounds</i> , 2015, 645, 184-192.	5.5	36
80	Aqueous route to color-tunable Mn-doped ZnS quantum dots. <i>Materials Chemistry and Physics</i> , 2013, 140, 674-682.	4.0	34
81	Size-controlled synthesis of ZnO quantum dots in microreactors. <i>Nanotechnology</i> , 2014, 25, 145606.	2.6	33
82	Graphitic carbon nitride/SmFeO ₃ composite Z-scheme photocatalyst with high visible light activity. <i>Nanotechnology</i> , 2020, 31, 465704.	2.6	32
83	Heart Rate Turbulence following Ventricular Premature Beats in Healthy Controls. <i>Annals of Noninvasive Electrocardiology</i> , 2003, 8, 127-131.	1.1	30
84	Turbulence dynamics: An independent predictor of late mortality after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2006, 107, 42-47.	1.7	30
85	Nickel(0)/Imidazolium Carbene Catalyst System for Efficient Cross-Coupling of Aryl Bromides and Chlorides with Organomanganese Reagents. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1086-1092.	4.3	30
86	Synthesis of new dithiocarbamate-based organosilanes for grafting on silica. <i>Tetrahedron Letters</i> , 2007, 48, 2113-2116.	1.4	30
87	ZIF-8 nanoparticles as an efficient and reusable catalyst for the Knoevenagel synthesis of cyanoacrylates and 3-cyanocoumarins. <i>Tetrahedron Letters</i> , 2016, 57, 5885-5888.	1.4	30
88	Copper octacarboxyphthalocyanine as sensitizer of graphitic carbon nitride for efficient dye degradation under visible light irradiation. <i>Applied Catalysis A: General</i> , 2018, 563, 127-136.	4.3	30
89	Thermo-responsive magnetic Fe ₃ O ₄ @P(MEO 2 MA X -OEGMA 100-X) NPs and their applications as drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2017, 532, 738-747.	5.2	29
90	A new organometallic synthesis of size-controlled tin(0) nanoparticles. <i>Nanotechnology</i> , 2005, 16, 1153-1158.	2.6	28

#	ARTICLE	IF	CITATIONS
91	Simple spectrophotometric method for quantitative determination of gold in nanoparticles. <i>Talanta</i> , 2011, 83, 1780-1783.	5.5	28
92	Aqueous dispersions of core/shell CdSe/CdS quantum dots as nanofluids for electrowetting. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 377, 269-277.	4.7	28
93	CdSe nanorod/TiO ₂ nanoparticle heterojunctions with enhanced solar- and visible-light photocatalytic activity. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 2741-2752.	2.8	27
94	Heterostructured metal oxides-ZnO nanorods films prepared by SPPS route for photodegradation applications. <i>Surface and Coatings Technology</i> , 2019, 375, 670-680.	4.8	27
95	Heterostructured g-CN/TiO ₂ Photocatalysts Prepared by Thermolysis of g-CN/MIL-125(Ti) Composites for Efficient Pollutant Degradation and Hydrogen Production. <i>Nanomaterials</i> , 2020, 10, 1387.	4.1	27
96	Characteristics of heart beat intervals and prediction of death. <i>International Journal of Cardiology</i> , 2005, 100, 37-45.	1.7	26
97	Facile Synthesis and Characterization of Naphthidines as a New Class of Highly Nonplanar Electron Donors Giving Robust Radical Cations. <i>Journal of Organic Chemistry</i> , 2006, 71, 1351-1361.	3.2	25
98	Silver Nanoparticles Coated with Thioxanthone Derivative as Hybrid Photoinitiating Systems for Free Radical Polymerization. <i>Langmuir</i> , 2012, 28, 17795-17802.	3.5	25
99	ZnO nanoparticles sensitized by CuInZn _x S _{2+x} quantum dots as highly efficient solar light driven photocatalysts. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1080-1093.	2.8	25
100	Oxygen-defective ZnO films with various nanostructures prepared via a rapid one-step process and corresponding photocatalytic degradation applications. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 637-648.	9.4	25
101	A Complete Physicochemical Identity Card of S-nitrosoglutathione. <i>Current Pharmaceutical Analysis</i> , 2013, 9, 31-42.	0.6	25
102	Structural Relationships Between Measures Based on Heart Beat Intervals: Potential for Improved Risk Assessment. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1414-1420.	4.2	24
103	ZnO Nanorods with High Photocatalytic and Antibacterial Activity under Solar Light Irradiation. <i>Materials</i> , 2018, 11, 2158.	2.9	24
104	An efficient route to biaryls from aryl halides catalysed by subnanometrical 2,2'-bipyridine liganded Ni ^{II} clusters. <i>Tetrahedron</i> , 2001, 57, 531-536.	1.9	23
105	Patterned Hydrophobic Domains in the Exopolymer Matrix of <i>Shewanella oneidensis</i> MR-1 Biofilms. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1400-1402.	3.1	23
106	Novel low-temperature synthesis of tin(0) nanoparticles. <i>Materials Letters</i> , 2005, 59, 1080-1084.	2.6	22
107	Glycosylated Quantum Dots for the Selective Labelling of <i>Kluyveromyces fragilis</i> and <i>Saccharomyces cerevisiae</i> Yeast Strains. <i>Journal of Fluorescence</i> , 2010, 20, 591-597.	2.5	22
108	iRGD peptide as effective transporter of CuInZn _x S _{2+x} quantum dots into human cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 9-18.	5.0	22

#	ARTICLE	IF	CITATIONS
109	Solution precursor plasma spray process as an alternative rapid one-step route for the development of hierarchical ZnO films for improved photocatalytic degradation. <i>Ceramics International</i> , 2018, 44, 2085-2092.	4.8	22
110	Highly fluorescent, color tunable and magnetic quaternary Ag ⁺ In ³⁺ Mn ²⁺ Zn ²⁺ S quantum dots. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1422-1431.	6.0	22
111	Bismuth oxybromide/reduced graphene oxide heterostructure sensitized with Zn-tetracarboxyphthalocyanine as a highly efficient photocatalyst for the degradation of Orange II and phenol. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107332.	6.7	22
112	Tunable morphologies of ZnO films via the solution precursor plasma spray process for improved photocatalytic degradation performance. <i>Applied Surface Science</i> , 2018, 455, 970-979.	6.1	21
113	Nickel-catalysed selective N-arylation or N,N ² -diarylation of secondary diamines. <i>Tetrahedron</i> , 2002, 58, 6913-6924.	1.9	20
114	Interaction of amphiphilic chlorin-based photosensitizers with 1,2-dipalmitoyl-sn-glycero-3-phosphocholine monolayers. <i>Chemistry and Physics of Lipids</i> , 2009, 158, 102-109.	3.2	18
115	One step synthesis of bright luminescent core/shell CdTe _{1-x} S _x /ZnS quantum dots emitting from the visible to the near infrared. <i>Journal of Luminescence</i> , 2018, 194, 760-767.	3.1	18
116	Zn ²⁺ leakage and photo-induced reactive oxidative species do not explain the full toxicity of ZnO core Quantum Dots. <i>Journal of Hazardous Materials</i> , 2020, 396, 122616.	12.4	18
117	Theoretical investigation of the EPR hyperfine coupling constants in amino derivatives. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 828.	2.8	17
118	Thioxanthone functionalized silver nanorods as smart photoinitiating assemblies to generate photopolymer/metal nano-objects. <i>Nanoscale</i> , 2013, 5, 6538.	5.6	17
119	Optical Properties and Reliability Studies of Gradient Alloyed Green Emitting (CdSe) _x (ZnS) _{1-x} and Red Emitting (CuInS ₂) _x (ZnS) _{1-x} Quantum Dots for White Light-Emitting Diodes. <i>ACS Photonics</i> , 2018, 5, 462-470.	6.6	17
120	A novel solution-phase and low-temperature synthesis of SnSb nano-alloys. <i>Materials Letters</i> , 2005, 59, 2898-2902.	2.6	16
121	Thermo-responsive and aqueous dispersible ZnO/PNIPAM core/shell nanoparticles. <i>Nanotechnology</i> , 2015, 26, 335605.	2.6	16
122	A Facile Approach for Doxorubicine Delivery in Cancer Cells by Responsive and Fluorescent Core/Shell Quantum Dots. <i>Bioconjugate Chemistry</i> , 2018, 29, 2248-2256.	3.6	16
123	Variability of Ventricular Premature Complexes and Mortality Risk. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1996, 19, 976-980.	1.2	15
124	Fast and clean dechlorination of alkyl and aryl (poly)chlorides catalysed by bimetallic Ni-Al clusters in the presence of t-BuOH. <i>Applied Organometallic Chemistry</i> , 2001, 15, 744-748.	3.5	15
125	Synthesis of dithiocarbamate-functionalized mesoporous silica-based materials: interest of one-step grafting. <i>New Journal of Chemistry</i> , 2009, 33, 528-537.	2.8	15
126	Reaction of 2-nitroenones with thiophenol synthesis of 5-hydroxy-4-(phenylthio)-2-isoxazoline 2-oxides. <i>Tetrahedron</i> , 1995, 51, 4997-5010.	1.9	14

#	ARTICLE	IF	CITATIONS
127	Photogenerating Silver Nanoparticles and Polymer Nanocomposites by Direct Activation in the Near Infrared. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	2.7	14
128	Development of photocatalytically active heterostructured MnO/ZnO and CuO/ZnO films via solution precursor plasma spray process. <i>Surface and Coatings Technology</i> , 2019, 371, 107-116.	4.8	14
129	Aqueous synthesis of highly luminescent ternary alloyed Mn-doped ZnSeS quantum dots capped with 2-mercaptopropionic acid. <i>Journal of Alloys and Compounds</i> , 2021, 858, 158315.	5.5	14
130	Mechanistic Insights into Oxygen Tolerance of Graphitic Carbon Nitride-Mediated Heterogeneous Photoinduced Electron Transfer-Reversible Addition Fragmentation Chain Transfer Polymerization. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3649-3658.	4.4	14
131	Single-source precursor synthesis of quinary AgInGaZnS QDs with tunable photoluminescence emission. <i>Applied Surface Science</i> , 2021, 562, 150143.	6.1	14
132	Lithium Hydride Mediated Nickel(0) Catalysed Biaryl Synthesis from Aryl Chlorides and Bromides. <i>Journal of Chemical Research Synopses</i> , 1999, , 664-665.	0.3	13
133	Functional responsive superparamagnetic core/shell nanoparticles and their drug release properties. <i>RSC Advances</i> , 2017, 7, 26243-26249.	3.6	13
134	Heart Rate Turbulence on Holter. , 0, , 190-193.		12
135	A facile method for the preparation of bifunctional Mn:ZnS/ZnS/Fe ₃ O ₄ magnetic and fluorescent nanocrystals. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1743-1751.	2.8	12
136	Demonstration of circadian rhythm in heart rate turbulence using novel application of correlator functions. <i>Heart Rhythm</i> , 2007, 4, 292-300.	0.7	11
137	Electrochemical lithium insertion in graphite containing dispersed tin-antimony alloys. <i>Energy Conversion and Management</i> , 2008, 49, 2447-2454.	9.2	11
138	S,Sâ€²-dinitrosobucillamine, a new nitric oxide donor, induces a better vasorelaxation than other S-nitrosothiols. <i>European Journal of Pharmacology</i> , 2014, 730, 171-179.	3.5	11
139	Gold Nanoparticles Grafted by Reduced Glutathione With Thiol Function Preservation. <i>Colloids and Interface Science Communications</i> , 2016, 14, 8-12.	4.1	11
140	Aqueous synthesis of highly fluorescent and color-tunable Ag ⁺ -doped Cd _x Zn _{1-x} S quantum dots. <i>Journal of Alloys and Compounds</i> , 2018, 764, 591-598.	5.5	11
141	Comparative study of Gram-negative bacteria response to solar photocatalytic inactivation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18961-18970.	5.3	11
142	Effect of photocatalysis (TiO ₂ /UV-A) on the inactivation and inhibition of <i>Pseudomonas aeruginosa</i> virulence factors expression. <i>Environmental Technology (United Kingdom)</i> 37(10) 1171-1179		10
143	Nouvelle voie d'accès aux Î²-nitroenones première préparation de Î²-nitroenones acycliques. <i>Tetrahedron</i> , 1993, 49, 3117-3124.	1.9	10
144	Interactions between gold nanoparticles and macrophages: Activation or inhibition?. <i>Nitric Oxide - Biology and Chemistry</i> , 2011, 25, 54-56.	2.7	10

#	ARTICLE	IF	CITATIONS
145	Efficient synthetic access to thermo-responsive core/shell nanoparticles. <i>Nanotechnology</i> , 2017, 28, 125601.	2.6	10
146	6,6-Disubstituted furo[3,4-c]isoxazoles and 7,7-disubstituted pyrano[3,4-c]isoxazoles from intramolecular cycloaddition reactions. <i>Journal of Heterocyclic Chemistry</i> , 1994, 31, 797-803.	2.6	9
147	Synthesis of 6,6-Disubstituted Tetrahydrothiopheno [3,4-c] Isoxazolines from \hat{I}^2 -Nitroenones. <i>Synthetic Communications</i> , 1997, 27, 1865-1876.	2.1	9
148	Influence of laminated architectures of heterostructured CeO ₂ -ZnO and Fe ₂ O ₃ -ZnO films on photodegradation performances. <i>Surface and Coatings Technology</i> , 2020, 403, 126367.	4.8	9
149	Layer-by-Layer Self-Assembly of Polyelectrolytes on Superparamagnetic Nanoparticle Surfaces. <i>ACS Omega</i> , 2020, 5, 4770-4777.	3.5	9
150	Alumina-supported nickel catalyst for liquid-phase reactions: an expedient and efficient heterogeneous catalyst for hydrogenation reactions. <i>Applied Organometallic Chemistry</i> , 2003, 17, 161-167.	3.5	8
151	A new method for the size- and shape-controlled synthesis of lead nanostructures. <i>Materials Chemistry and Physics</i> , 2009, 117, 268-275.	4.0	8
152	Optimization of CDTE Quantum Dots Synthesis Using Capillary Zone Electrophoresis. <i>Current Nanoscience</i> , 2009, 5, 154-159.	1.2	8
153	Graphite-supported 2,2'-bipyridine-capped ultrafine tin nanoparticles for anodes of lithium-ion batteries. <i>Energy Conversion and Management</i> , 2012, 56, 32-36.	9.2	8
154	One-step synthesis and deposition of ZnFe ₂ O ₄ related composite films via SPPS route for photodegradation application. <i>Nanotechnology</i> , 2019, 30, 045707.	2.6	8
155	Aqueous synthesis of core/shell/shell ZnSeS/Cu:ZnS/ZnS quantum dots and their use as a probe for the selective photoluminescent detection of Pb ²⁺ in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114050.	3.9	8
156	A New Synthesis of Benzoazacrown Ethers Through Pd-Catalyzed Intramolecular Cycloamination Reactions. <i>Letters in Organic Chemistry</i> , 2007, 4, 322-324.	0.5	7
157	Preparation of new antimony(0)/polyaniline nanocomposites by a one-pot solution phase method. <i>Materials Letters</i> , 2007, 61, 171-176.	2.6	7
158	Synthesis of 2-(1-Nitroalkylidene)-cycloalkanones. <i>Synthetic Communications</i> , 1993, 23, 2563-2570.	2.1	6
159	Novel Single-Phase and Gram-Scale Synthesis of Thiol-Uncapped Stable Colloidal Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 282-287.	0.9	6
160	New tetrakis(4-aminophenyl)ethenes: synthesis and electrochemical investigations. <i>Tetrahedron Letters</i> , 2005, 46, 8793-8797.	1.4	6
161	CdTe _{0.5} S _{0.5} /ZnS Quantum Dots Embedded in a Molecularly Imprinted Polymer for the Selective Optosensing of Dopamine. <i>Nanomaterials</i> , 2019, 9, 693.	4.1	6
162	1,3,5-Tris(4-aminophenyl)benzene derivatives: design, synthesis via nickel-catalysed aromatic amination and electrochemical properties. <i>Perkin Transactions II RSC</i> , 2002, , 1844-1849.	1.1	5

#	ARTICLE	IF	CITATIONS
163	Light-assisted synthesis and functionalization of silver nanoparticles with thiol derivative thioxanthenes: new insights into the engineering of metal/chromophore nanoassemblies. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	5
164	Enhanced photocatalytic degradation of phenol by immobilized TiO ₂ /dye loaded chitosan. , 0, 167, 190-199.		5
165	Mn-Doped Quinary AgInGaZnS Quantum Dots for Dual-Modal Imaging. <i>ACS Omega</i> , 2021, 6, 33100-33110.	3.5	5
166	Synthesis of potential β -lactam antibiotics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 1467-1470.	2.2	4
167	Heart Rate Turbulence. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1999, 3, 297-301.	1.0	4
168	Activated hydride-mediated solution phase synthesis of crystallized antimony(0) nanoparticles. <i>Materials Chemistry and Physics</i> , 2007, 101, 404-409.	4.0	4
169	Synthesis, Characterization and Biological Applications of Water-Soluble ZnO Quantum Dots. , 0, , .		4
170	From visible to white-light emission by siloxane-capped ZnO quantum dots upon interaction with thiols. <i>Optical Materials</i> , 2012, 34, 1357-1361.	3.6	4
171	Concerning the diastereofacial selectivity of the reaction of (E)- β -nitroenones with ketone enolates. <i>Tetrahedron</i> , 1998, 54, 15215-15226.	1.9	3
172	Divergent synthesis of novel unsymmetrical dendrons containing photosensitizing units. <i>Tetrahedron Letters</i> , 2006, 47, 8745-8749.	1.4	3
173	Synthesis of novel mono and bis nitric oxide donors with high cytocompatibility and release activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3329-3332.	2.2	3
174	Phase-Rectified Signal Averaging. , 2012, , 87-110.		2
175	Electronic properties of 1,3,5-tris[4-morpholinophenyl]benzene: a new molecular switch. <i>Inorganic Chemistry Communication</i> , 2003, 6, 278-280.	3.9	1
176	Synthesis and Characterizations of ZnS:Cu/ZnS Assisted by 3-Mercaptopropionic Acid. <i>Chemistry Africa</i> , 2018, 1, 37-42.	2.4	1
177	Catalytic Carbon-Fluorine Bond Activation with Monocoordinated Nickel-Carbene Complexes: Reduction of Fluoroarenes.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
178	Efficient Nickel-Mediated Intramolecular Amination of Aryl Chlorides.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
179	Transfer Hydrogenation of Imines Catalyzed by a Nickel(0)/NHC Complex.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
180	Influence of the C/Sn Ratio on the Synthesis and Lithium Electrochemical Insertion of Tin-Supported Graphite Materials Used as Anodes for Li-Ion Batteries. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-8.	2.4	0

#	ARTICLE	IF	CITATIONS
181	Monitoring the size and the stability of zinc oxide quantum dots in biological media: a soft ionization mass spectrometry technique (MALDI-TOF-MS). Materials Research Society Symposia Proceedings, 2015, 1793, 7-12.	0.1	0
182	Enhanced decolourization of methyl orange by immobilized TiO ₂ /chitosan-montmorillonite. Water Science and Technology, 2020, 82, 454-467.	2.5	0
183	Enhanced photoelectrocatalytic hydrogen evolution using off-stoichiometry La _{0.43} FeO _y films. Journal of Alloys and Compounds, 2022, 893, 162238.	5.5	0