

Hynd Remita

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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.

76 papers	4,374 citations	37 h-index	65 g-index
80 ext. papers	4,859 ext. citations	8.1 avg, IF	5.44 L-index

#	Paper	IF	Citations
76	Conducting polymer nanostructures for photocatalysis under visible light. <i>Nature Materials</i> , 2015 , 14, 505-11	27	454
75	Radiation-induced synthesis of mono- and multi-metallic clusters and nanocolloids. <i>New Journal of Chemistry</i> , 1998 , 22, 1239-1255	3.6	439
74	Platinum nanoparticles: a promising material for future cancer therapy?. <i>Nanotechnology</i> , 2010 , 21, 851034	3.4	283
73	Radiation-induced and chemical formation of gold clusters. <i>New Journal of Chemistry</i> , 1998 , 22, 1257-1265	3.5	243
72	Bimetallic Palladium-Gold Nanostructures: Application in Ethanol Oxidation. <i>Chemistry of Materials</i> , 2009 , 21, 3677-3683	9.6	183
71	Palladium Nanowires Synthesized in Hexagonal Mesophases: Application in Ethanol Electrooxidation. <i>Chemistry of Materials</i> , 2009 , 21, 1612-1617	9.6	132
70	Synergetic effect of Ni and Au nanoparticles synthesized on titania particles for efficient photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2016 , 191, 18-28	21.8	114
69	Photocatalytic properties of BiOCl-TiO ₂ composites for phenol photodegradation. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 1601-1612	6.8	109
68	Photocatalytic degradation of organic pollutant with polypyrrole nanostructures under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2019 , 242, 284-292	21.8	100
67	Modification of TiO by Bimetallic Au-Cu Nanoparticles for Wastewater Treatment. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 10829-10835	13	94
66	Enhanced photocatalytic, electrochemical and photoelectrochemical properties of TiO nanotubes arrays modified with Cu, AgCu and Bi nanoparticles obtained via radiolytic reduction. <i>Applied Surface Science</i> , 2016 , 387, 89-102	6.7	90
65	Synthesis of Ultrathin Hexagonal Palladium Nanosheets. <i>Chemistry of Materials</i> , 2009 , 21, 5170-5175	9.6	90
64	Visible-light active conducting polymer nanostructures with superior photocatalytic activity. <i>Scientific Reports</i> , 2015 , 5, 18002	4.9	75
63	On the promoting effect of Au on CO oxidation kinetics of AuPt bimetallic nanoparticles supported on SiO ₂ : An electronic effect?. <i>Journal of Catalysis</i> , 2012 , 287, 102-113	7.3	75
62	Nanotechnology: from the ancient time to nowadays. <i>Foundations of Chemistry</i> , 2015 , 17, 187-205	0.7	71
61	Enhanced yield of photoinduced electrons in doped silver halide crystals. <i>Nature</i> , 1999 , 402, 865-867	50.4	71
60	Enhanced Charge Separation and FRET at Heterojunctions between Semiconductor Nanoparticles and Conducting Polymer Nanofibers for Efficient Solar Light Harvesting. <i>Scientific Reports</i> , 2015 , 5, 17313	4.9	68

59	Dose Rate Effect on Bimetallic Gold-Palladium Cluster Structure. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 31-36	3.4	66
58	Photocatalytic Hydrogen Evolution Using NiPd/TiO ₂ : Correlation of Light Absorption, Charge-Carrier Dynamics, and Quantum Efficiency. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 14302-14311	3.8	65
57	Visible-light-induced reduction of Cr(VI) by PDPB-ZnO nanohybrids and its photo-electrochemical response. <i>Applied Catalysis B: Environmental</i> , 2018 , 239, 362-372	21.8	65
56	Conducting polymer-supported palladium nanoplates for applications in direct alcohol oxidation. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 4951-4959	6.7	65
55	PEDOT nanostructures synthesized in hexagonal mesophases. <i>New Journal of Chemistry</i> , 2014 , 38, 1106-1115	3.15	62
54	Synthesis of Porous Platinum Nanoballs in Soft Templates. <i>Chemistry of Materials</i> , 2007 , 19, 5045-5048	9.6	62
53	Highly Swollen Liquid Crystals as New Reactors for the Synthesis of Nanomaterials. <i>Chemistry of Materials</i> , 2005 , 17, 1505-1514	9.6	62
52	Synthesis of single-crystalline platinum nanorods within a soft crystalline surfactant-Pt(II) complex. <i>ChemPhysChem</i> , 2006 , 7, 1510-3	3.2	59
51	Existence and stability of new nanoreactors: highly swollen hexagonal liquid crystals. <i>Langmuir</i> , 2005 , 21, 4362-9	4	59
50	Investigation into the catalytic activity of porous platinum nanostructures. <i>Langmuir</i> , 2013 , 29, 11431-9	4	56
49	Bimetallic Au-Pt nanoparticles synthesized by radiolysis: Application in electro-catalysis	2010 , 43, 49-56	56
48	Highly active poly(3-hexylthiophene) nanostructures for photocatalysis under solar light. <i>Applied Catalysis B: Environmental</i> , 2017 , 209, 23-32	21.8	55
47	The effect of metal cluster deposition route on structure and photocatalytic activity of mono- and bimetallic nanoparticles supported on TiO ₂ by radiolytic method. <i>Applied Surface Science</i> , 2016 , 378, 37-48	6.7	54
46	Facile synthesis of Pd nanostructures in hexagonal mesophases as a promising electrocatalyst for ethanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 9517-9527	13	52
45	One-pot synthesis of reduced graphene oxide supported gold-based nanomaterials as robust nanocatalysts for glucose electrooxidation. <i>Electrochimica Acta</i> , 2016 , 212, 864-875	6.7	49
44	Radiolytic synthesis of Au-Au bimetallic nanoparticles supported on TiO ₂ : application in photocatalysis. <i>New Journal of Chemistry</i> , 2014 , 38, 5279-5286	3.6	48
43	Elaboration, charge-carrier lifetimes and activity of Pd-TiO ₂ photocatalysts obtained by gamma radiolysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 242, 34-43	4.7	47
42	Palladium Nanoballs Synthesized in Hexagonal Mesophases. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10740-10744	3.8	42

41	One-Pot Radiolytic Synthesis of Gold Nanorods and Their Optical Properties. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 14794-14803	3.8	41
40	From self-assembly of platinum nanoparticles to nanostructured materials. <i>Small</i> , 2005 , 1, 964-7	11	41
39	 Core-shell Mesoporous Nanoballs and Nanoparticles as Efficient Electrocatalysts toward Formic Acid and Glucose Oxidation. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 27529-27539	3.8	36
38	Improving proton therapy by metal-containing nanoparticles: nanoscale insights. <i>International Journal of Nanomedicine</i> , 2016 , 11, 1549-56	7.3	35
37	Enhanced Photogenerated Charge Carriers and Photocatalytic Activity of Biotemplated Mesoporous TiO ₂ Films with a Chiral Nematic Structure. <i>Chemistry of Materials</i> , 2019 , 31, 4851-4863	9.6	31
36	Advances in Electrocatalysis for Energy Conversion and Synthesis of Organic Molecules. <i>ChemPhysChem</i> , 2017 , 18, 2573-2605	3.2	30
35	Tuning the Porosity of Bimetallic Nanostructures by a Soft Templating Approach. <i>Advanced Functional Materials</i> , 2012 , 22, 4900-4908	15.6	30
34	Polypyrrole nanostructures modified with mono- and bimetallic nanoparticles for photocatalytic H ₂ generation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 268-277	13	30
33	Facile synthesis of palladium nanowires by a soft templating method. <i>New Journal of Chemistry</i> , 2012 , 36, 2135	3.6	29
32	Palladium nanostructures synthesized by radiolysis or by photoreduction. <i>New Journal of Chemistry</i> , 2008 , 32, 1403	3.6	29
31	Conducting polymer nanofibers with controlled diameters synthesized in hexagonal mesophases. <i>New Journal of Chemistry</i> , 2015 , 39, 8311-8320	3.6	28
30	Visible light-induced photocatalytic activity of modified titanium(IV) oxide with zero-valent bismuth clusters. <i>New Journal of Chemistry</i> , 2015 , 39, 2316-2322	3.6	26
29	Reduction of nitrate by heterogeneous photocatalysis over pure and radiolytically modified TiO ₂ samples in the presence of formic acid. <i>Catalysis Today</i> , 2017 , 281, 101-108	5.3	22
28	Platinum nanoparticles: an exquisite tool to overcome radioresistance. <i>Cancer Nanotechnology</i> , 2017 , 8, 4	7.9	19
27	Swollen hexagonal liquid crystals as smart nanoreactors: implementation in materials chemistry for energy applications. <i>Nanoscale</i> , 2018 , 10, 5793-5819	7.7	19
26	Plasmonic catalysis for the Suzuki-Miyaura cross-coupling reaction using palladium nanoflowers. <i>New Journal of Chemistry</i> , 2019 , 43, 4349-4355	3.6	17
25	Metal Clusters and Nanomaterials: Contribution of Radiation Chemistry 2010 , 347-383		17
24	Plasmonic core-shell nanostructure as an optical photoactive nanolens for enhanced light harvesting and hydrogen production. <i>Nanoscale</i> , 2018 , 10, 20140-20146	7.7	16

23	Exogenous control over intracellular acidification: Enhancement via proton caged compounds coupled to gold nanoparticles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 2304-7	4	15
22	Inhibition of Fungal Growth Using Modified TiO with Core@Shell Structure of Ag@CuO Clusters.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 5626-5633	4.1	14
21	A sol-gel biotemplating route with cellulose nanocrystals to design a photocatalyst for improving hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 10779-10786	13	14
20	Stabilisation of small mono- and bimetallic gold-silver nanoparticles using calix[8]arene derivatives. <i>New Journal of Chemistry</i> , 2018 , 42, 14128-14137	3.6	13
19	Demonstrative experiments about gold nanoparticles and nanofilms: an introduction to nanoscience. <i>Gold Bulletin</i> , 2013 , 46, 319-327	1.6	13
18	Highly active composite TiO ₂ -polypyrrole nanostructures for water and air depollution under visible light irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104178	6.8	12
17	A soft-chemistry assisted strong metal-support interaction on a designed plasmonic core-shell photocatalyst for enhanced photocatalytic hydrogen production. <i>Nanoscale</i> , 2020 , 12, 7011-7023	7.7	12
16	Heterojunction of CuO nanoclusters with TiO for photo-oxidation of organic compounds and for hydrogen production. <i>Journal of Chemical Physics</i> , 2020 , 153, 034705	3.9	11
15	A Facile One-Pot Synthesis of Versatile PEGylated Platinum Nanoflowers and Their Application in Radiation Therapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
14	Hexacyano Ferrate (III) Reduction by Electron Transfer Induced by Plasmonic Catalysis on Gold Nanoparticles. <i>Materials</i> , 2019 , 12,	3.5	9
13	Radio-Enhancing Properties of Bimetallic Au:Pt Nanoparticles: Experimental and Theoretical Evidence. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
12	Highly Promoted Photocatalytic Hydrogen Generation by Multiple Electron Transfer Pathways. <i>Applied Catalysis B: Environmental</i> , 2021 , 281, 119457	21.8	6
11	Gold(I)-Silver(I)-calix[8]arene complexes, precursors of bimetallic alloyed Au-Ag nanoparticles. <i>Nanoscale Advances</i> , 2020 , 2, 2768-2773	5.1	5
10	Visible light-driven simultaneous water oxidation and quinone reduction by a nano-structured conjugated polymer without co-catalysts. <i>Chemical Science</i> , 2020 , 11, 7324-7328	9.4	4
9	Synthesis and NMR study of trimethylphosphine gold(I)-appended calix[8]arenes as precursors of gold nanoparticles. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 953-960	6.8	4
8	Green One-Step Synthesis of Medical Nanoagents for Advanced Radiation Therapy. <i>Nanotechnology, Science and Applications</i> , 2020 , 13, 61-76	3.9	4
7	Conducting Polymers Nanostructures for Solar-Light Harvesting 2018 , 227-252		3
6	Efficient Design and Fabrication of Porous Metallic Electrocatalysts 2017 , 511-531		2

5	Selective modification of a native protein in a patient tissue homogenate using palladium nanoparticles. <i>Chemical Communications</i> , 2019 , 55, 15121-15124	5.8	2
4	Effect of Modification of TiO ₂ with Metal Nanoparticles on Its Photocatalytic Properties Studied by Time-Resolved Microwave Conductivity 2018 , 129-164		1
3	Cellulose Nanocrystals in Spherical Titania-Sol Microdroplet: From Dynamic Self-Assembly to Nanostructured TiO _x /C Microsphere Synthesis. <i>Chemistry of Materials</i> , 2021 , 33, 6925-6933	9.6	1
2	Superior photocatalytic activity of polypyrrole nanostructures prepared by radiolysis in water and dichloromethane. <i>Radiation Physics and Chemistry</i> , 2022 , 195, 110079	2.5	1
1	Metallic Nanoparticles: Tuning the Porosity of Bimetallic Nanostructures by a Soft Templating Approach (Adv. Funct. Mater. 23/2012). <i>Advanced Functional Materials</i> , 2012 , 22, 4899-4899	15.6	