

# Gordana N Ciric-Marjanovic

## List of Publications by Citations

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101  
papers

4,362  
citations

33  
h-index

64  
g-index

103  
ext. papers

4,713  
ext. citations

4.5  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
101	Recent advances in polyaniline research: Polymerization mechanisms, structural aspects, properties and applications. <i>Synthetic Metals</i> , <b>2013</b> , 177, 1-47	3.6	535
100	Evolution of polyaniline nanotubes: the oxidation of aniline in water. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 9461-8	3.4	391
99	The chemical oxidative polymerization of aniline in water: Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , <b>2008</b> , 39, 1375-1387	2.3	190
98	Recent advances in polyaniline composites with metals, metalloids and nonmetals. <i>Synthetic Metals</i> , <b>2013</b> , 170, 31-56	3.6	164
97	The conversion of polyaniline nanotubes to nitrogen-containing carbon nanotubes and their comparison with multi-walled carbon nanotubes. <i>Polymer Degradation and Stability</i> , <b>2009</b> , 94, 929-938	4.7	151
96	The oxidation of aniline with silver nitrate to polyaniline-silver composites. <i>Polymer</i> , <b>2009</b> , 50, 50-56	3.9	146
95	Conducting carbonized polyaniline nanotubes. <i>Nanotechnology</i> , <b>2009</b> , 20, 245601	3.4	116
94	High-performance charge storage by N-containing nanostructured carbon derived from polyaniline. <i>Carbon</i> , <b>2012</b> , 50, 3915-3927	10.4	102
93	Electrocatalysis of oxygen reduction reaction on polyaniline-derived nitrogen-doped carbon nanoparticle surfaces in alkaline media. <i>Journal of Power Sources</i> , <b>2012</b> , 220, 306-316	8.9	99
92	Improvements to the photocatalytic efficiency of polyaniline modified TiO <sub>2</sub> nanoparticles. <i>Applied Catalysis B: Environmental</i> , <b>2013</b> , 136-137, 133-139	21.8	98
91	Carbonised polyaniline and polypyrrole: towards advanced nitrogen-containing carbon materials. <i>Chemical Papers</i> , <b>2013</b> , 67,	1.9	96
90	Interfacial Synthesis of Gold-Polyaniline Nanocomposite and Its Electrocatalytic Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28393-403	9.5	92
89	MNDO-PM3 Study of the Early Stages of the Chemical Oxidative Polymerization of Aniline. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2006</b> , 71, 1407-1426		87
88	Synthesis and characterization of conducting polyaniline 5-sulfosalicylate nanotubes. <i>Nanotechnology</i> , <b>2008</b> , 19, 135606	3.4	86
87	One-dimensional nitrogen-containing carbon nanostructures. <i>Progress in Materials Science</i> , <b>2015</b> , 69, 61-182	42.2	85
86	Theoretical study of the oxidative polymerization of aniline with peroxydisulfate: Tetramer formation. <i>International Journal of Quantum Chemistry</i> , <b>2008</b> , 108, 318-333	2.1	85
85	Nanocarbon based ionic actuators – review. <i>Smart Materials and Structures</i> , <b>2013</b> , 22, 104022	3.4	84

84	Synthesis, Characterization, and Electrochemistry of Nanotubular Polypyrrole and Polypyrrole-Derived Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 14770-14784	3.8	81
83	Chemical oxidative polymerization of safranines. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 2188-99	3.4	79
82	Polymerization of aniline on polyaniline membranes. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 2440-8	3.4	76
81	Chemical oxidative polymerization of anilinium sulfate versus aniline: Theory and experiment. <i>Synthetic Metals</i> , <b>2008</b> , 158, 200-211	3.6	75
80	Synthesis and characterization of self-assembled polyaniline nanotubes/silica nanocomposites. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 7116-27	3.4	67
79	Superior capacitive and electrocatalytic properties of carbonized nanostructured polyaniline upon a low-temperature hydrothermal treatment. <i>Carbon</i> , <b>2013</b> , 64, 472-486	10.4	62
78	Chemical oxidative polymerization of aminodiphenylamines. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 6976-87	3.4	62
77	Synthesis and characterization of conducting self-assembled polyaniline nanotubes/zeolite nanocomposite. <i>Langmuir</i> , <b>2009</b> , 25, 3122-31	4	55
76	Superior photocatalytic properties of carbonized PANI/TiO <sub>2</sub> nanocomposites. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 213, 155-166	21.8	44
75	Pd/c-PANI electrocatalysts for direct borohydride fuel cells. <i>Electrochimica Acta</i> , <b>2016</b> , 213, 298-305	6.7	43
74	Polyaniline and its composites with zeolite ZSM-5 for efficient removal of glyphosate from aqueous solution. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 180, 141-155	5.3	43
73	Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 152, 50-57	5.3	42
72	Self-assembled polyaniline nanotubes and nanoribbons/titanium dioxide nanocomposites. <i>Synthetic Metals</i> , <b>2010</b> , 160, 1325-1334	3.6	40
71	Enzymatic oligomerization and polymerization of arylamines: state of the art and perspectives. <i>Chemical Papers</i> , <b>2017</b> , 71, 199-242	1.9	36
70	Enhancement of electrocatalytic properties of carbonized polyaniline nanoparticles upon a hydrothermal treatment in alkaline medium. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 9197-9202	6.7	34
69	Interfacial synthesis and characterization of gold/polyaniline nanocomposites. <i>Synthetic Metals</i> , <b>2014</b> , 195, 122-131	3.6	33
68	The oxidative polymerization of p-phenylenediamine with silver nitrate: Toward highly conducting micro/nanostructured silver/conjugated polymer composites. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 3387-3403	2.5	33
67	Structure and stereochemistry of electrochemically synthesized poly-(l-naphthylamine) from neutral aceto- nitrile solution. <i>Journal of the Serbian Chemical Society</i> , <b>2002</b> , 67, 867-877	0.9	33

66	Micro/mesoporous conducting carbonized polyaniline 5-sulfosalicylate nanorods/nanotubes: Synthesis, characterization and electrocatalysis. <i>Synthetic Metals</i> , <b>2011</b> , 161, 2179-2184	3.6	32
65	Carbonized polyaniline nanotubes/nanosheets-supported Pt nanoparticles: Synthesis, characterization and electrocatalysis. <i>Materials Letters</i> , <b>2011</b> , 65, 962-965	3.3	31
64	Revised mechanism of Boyland-Sims oxidation. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 3536-50	2.8	31
63	The Effects of a Low-Level Boron, Phosphorus, and Nitrogen Doping on the Oxygen Reduction Activity of Ordered Mesoporous Carbons. <i>Electrocatalysis</i> , <b>2015</b> , 6, 498-511	2.7	30
62	Exploration of MnO <sub>2</sub> /carbon composites and their application to simultaneous electroanalytical determination of Pb(II) and Cd(II). <i>Electrochimica Acta</i> , <b>2012</b> , 74, 158-164	6.7	29
61	Oxidation of aniline in dopant-free template-free dilute reaction media. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 127, 501-510	4.4	29
60	Influence of TiO <sub>2</sub> nanoparticles on formation mechanism of PANI/TiO <sub>2</sub> nanocomposite coating on PET fabric and its structural and electrical properties. <i>Surface and Coatings Technology</i> , <b>2015</b> , 278, 38-47	4.4	27
59	Electrocatalytic Activity of Carbonized Nanostructured Polyanilines for Oxidation Reactions: Sensing of Nitrite Ions and Ascorbic Acid. <i>Electrochimica Acta</i> , <b>2014</b> , 120, 147-158	6.7	27
58	The quest for optimal water quantity in the synthesis of metal-organic framework MOF-5. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 278, 23-29	5.3	26
57	Properties of Zirconia/Polyaniline hybrid nanocomposites and their application as photocatalysts for degradation of model pollutants. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 205, 130-137	4.4	25
56	Electrochemical properties of lignin/polypyrrole composites and their carbonized analogues. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 213, 352-361	4.4	24
55	Ferromagnetic polyaniline/TiO <sub>2</sub> nanocomposites. <i>Polymer Composites</i> , <b>2012</b> , 33, 1482-1493	3	21
54	Electrochemical oxidative polymerization of sodium 4-amino-3-hydroxynaphthalene-1-sulfonate and structural characterization of polymeric products. <i>Reactive and Functional Polymers</i> , <b>2006</b> , 66, 1670-1683	4.6	21
53	Synthesis and characterization of polyaniline/BEA zeolite composites and their application in nicosulfuron adsorption. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 287, 234-245	5.3	20
52	The influence of anionic vesicles on the oligomerization of p-aminodiphenylamine catalyzed by horseradish peroxidase and hydrogen peroxide. <i>Synthetic Metals</i> , <b>2017</b> , 226, 89-103	3.6	18
51	Tailoring of carbonized polypyrrole nanotubes core by different polypyrrole shells for oxygen reduction reaction selectivity modification. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 551, 184-194	9.3	18
50	Self-assembled polyaniline 12-tungstophosphate micro/nanostructures. <i>Synthetic Metals</i> , <b>2010</b> , 160, 1463-1473	3.6	18
49	Polyaniline/FeZSM-5 composites Synthesis, characterization and their high catalytic activity for the oxidative degradation of herbicide glyphosate. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 267, 68-79	5.3	17

48	Dopant-free interfacial oxidative polymerization of aniline. <i>Synthetic Metals</i> , <b>2014</b> , 192, 56-65	3.6	17
47	3,5-Dinitrosalicylic acid-assisted synthesis of self-assembled polyaniline nanorods. <i>Materials Letters</i> , <b>2010</b> , 64, 2337-2340	3.3	17
46	Polyaniline Nanostructures <b>2010</b> , 19-98		17
45	Routes of synthesis of nepheline-type polymorphs: An influence of Na-LTA bulk composition on its thermal transformations. <i>Journal of Physics and Chemistry of Solids</i> , <b>2013</b> , 74, 1212-1220	3.9	15
44	Simultaneous oxidation of aniline and tannic acid with peroxydisulfate: Self-assembly of oxidation products from nanorods to microspheres. <i>Synthetic Metals</i> , <b>2012</b> , 162, 843-856	3.6	15
43	Solvent effects on dopant-free pH-falling polymerization of aniline. <i>Synthetic Metals</i> , <b>2015</b> , 209, 279-296	3.6	14
42	Insight into the template effect of vesicles on the laccase-catalyzed oligomerization of N-phenyl-1,4-phenylenediamine from Raman spectroscopy and cyclic voltammetry measurements. <i>Scientific Reports</i> , <b>2016</b> , 6, 30724	4.9	14
41	Influence of synthetic conditions on the structure and electrical properties of nanofibrous polyanilines and their nanofibrous carbonized forms. <i>Synthetic Metals</i> , <b>2016</b> , 214, 35-44	3.6	14
40	Synthesizing Polyaniline With Laccase/O as Catalyst. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2019</b> , 7, 165	5.8	12
39	Enzymatic Synthesis of Highly Electroactive Oligoanilines from a p-Aminodiphenylamine/Aniline Mixture with Anionic Vesicles as Templates. <i>Langmuir</i> , <b>2018</b> , 34, 9153-9166	4	11
38	Structural and magnetic properties of nanocomposites based on nanostructured polyaniline and titania nanotubes. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 5776-5787	4.3	11
37	Superior capacitive properties of polyaniline produced by a one-pot peroxidase/H <sub>2</sub> O <sub>2</sub> -triggered polymerization of aniline in the presence of AOT vesicles. <i>Electrochimica Acta</i> , <b>2017</b> , 258, 834-841	6.7	11
36	The Electrochemical Oxidation of 6-Aminoquinoline: Computational and Voltammetric Study. <i>Journal of the Electrochemical Society</i> , <b>2012</b> , 159, G151-G159	3.9	11
35	One-pot synthesis of novel silver-polyaniline-polyvinylpyrrolidone electrocatalysts for efficient oxygen reduction reaction. <i>Electrochimica Acta</i> , <b>2018</b> , 281, 549-561	6.7	11
34	Formation of nanostructured polyaniline by dopant-free oxidation of aniline in a water/isopropanol mixture. <i>Chemical Papers</i> , <b>2014</b> , 68,	1.9	10
33	Oxidative polymerization of anilinium 5-sulfosalicylate with peroxydisulfate in water. <i>Chemical Papers</i> , <b>2010</b> , 64,	1.9	10
32	Chemical oxidative polymerization of dianilinium 5-sulfosalicylate. <i>Russian Journal of Physical Chemistry A</i> , <b>2007</b> , 81, 1418-1424	0.7	10
31	Novel microporous composites of MOF-5 and polyaniline with high specific surface area. <i>Synthetic Metals</i> , <b>2020</b> , 262, 116348	3.6	9

- 30 The synthesis of single phase WC nanoparticles/C composite by solid state reaction involving nitrogen-rich carbonized polyaniline. *Ceramics International*, **2013**, 39, 8761-8765 5.1 9
- 29 Electrochemical Synthesis and Structure of Poly(2-methyl-1-naphthylamine) Films. *Spectroscopy Letters*, **2003**, 36, 151-165 1.1 9
- 28 Effect of template type on the preparation of the emeraldine salt form of polyaniline (PANI-ES) with horseradish peroxidase isoenzyme C (HRPC) and hydrogen peroxide.. *RSC Advances*, **2019**, 9, 33080-33095 3.7 9
- 27 Nanocarbons derived from polymers for electrochemical energy conversion and storage I A review. *Synthetic Metals*, **2018**, 246, 267-281 3.6 9
- 26 Nanostructured materials for sensing Pb(II) and Cd(II) ions: Manganese oxohydroxide versus carbonized polyanilines?. *Journal of the Serbian Chemical Society*, **2013**, 78, 1717-1727 0.9 8
- 25 Anilinium 5-sulfosalicylate electropolymerization on mild steel from an aqueous solution of sodium 5-sulfosalicylate/disodium 5-sulfosalicylate. *Russian Journal of Electrochemistry*, **2006**, 42, 1358-1364 1.2 8
- 24 Polyaniline tannate - Synthesis, characterization and electrochemical assessment of superoxide anion radical scavenging activity. *Electrochimica Acta*, **2014**, 142, 92-100 6.7 7
- 23 Electrochemical oxidation of 6-hydroxyquinoline on a glassy carbon paste electrode: Voltammetric and computational study. *Journal of Electroanalytical Chemistry*, **2012**, 677-680, 69-77 4.1 7
- 22 Progress in conducting/semiconducting and redox-active oligomers and polymers of arylamines. *Journal of the Serbian Chemical Society*, **2013**, 78, 1809-1836 0.9 7
- 21 Chemical oxidative polymerization of benzocaine. *Reactive and Functional Polymers*, **2011**, 71, 704-712 4.6 7
- 20 Reply to Comment on Revised Mechanism of Boyland Sims Oxidation *Journal of Physical Chemistry A*, **2011**, 115, 7865-7868 2.8 7
- 19 Electrochemical polymerization of 2-methyl-1-naphthylamine. *Polymer Bulletin*, **2003**, 50, 319-326 2.4 7
- 18 Resistive gas sensors based on the composites of nanostructured carbonized polyaniline and Nafion. *Journal of Solid State Electrochemistry*, **2016**, 20, 3061-3069 2.6 7
- 17 Chemical oxidative polymerization of ethacridine. *Reactive and Functional Polymers*, **2012**, 72, 25-35 4.6 6
- 16 Magnetite nanoparticles-catalysed synthesis of conductive polyaniline. *Synthetic Metals*, **2019**, 257, 1161-1174 3.4 5
- 15 Effect of Template Type on the Laccase-Catalyzed Oligomerization of the Aniline Dimer -Aminodiphenylamine (PADPA). *ACS Omega*, **2019**, 4, 2931-2947 3.9 5
- 14 Synthesis and Characterization of Polyacriflavine. *Materials Science Forum*, **2007**, 555, 503-508 0.4 5
- 13 How experimental details matter. The case of a laccase-catalysed oligomerisation reaction.. *RSC Advances*, **2018**, 8, 33229-33242 3.7 5

12	Chemical Oxidative Polymerization of 4-Amino-3-Hydroxynaphthalene-1-Sulfonic Acid and Its Salts. <i>Materials Science Forum</i> , <b>2006</b> , 518, 405-410	0.4	4
11	Spherical assemblies of titania nanotubes generated through aerosol processing. <i>Ceramics International</i> , <b>2015</b> , 41, 14754-14759	5.1	3
10	Peroxouranyl-Containing W Wheel: Synthesis, Structure, and Detailed Infrared and Raman Spectroscopy Study. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16789-16794	5.1	3
9	Fine-tuning of conductive and dielectric properties of polypyrrole/TiO <sub>2</sub> nanocomposite-coated polyamide fabric. <i>Composite Interfaces</i> , <b>2020</b> , 1-14	2.3	2
8	Progress in Polyaniline Composites with Transition Metal Oxides <b>2015</b> , 119-162		1
7	Oxidation of aniline in the presence of phenolic acids. <i>Hemijska Industrija</i> , <b>2010</b> , 64, 215-220	0.6	1
6	Effects of alkali metal cations on oxygen reduction on N-containing carbons viewed as the interplay between capacitive and electrocatalytic properties: Experiment and theory. <i>Journal of the Serbian Chemical Society</i> , <b>2019</b> , 84, 901-914	0.9	1
5	Synthesis of nanostructured conducting polyaniline in the presence of 5-sulfosalicylic acid. <i>Hemijska Industrija</i> , <b>2008</b> , 62, 107-113	0.6	1
4	Magnetite nanoparticles-catalyzed synthesis of conductive poly(p-aminodiphenylamine). <i>Synthetic Metals</i> , <b>2020</b> , 269, 116577	3.6	1
3	Hemin-catalyzed oxidative oligomerization of -aminodiphenylamine (PADPA) in the presence of aqueous sodium dodecylbenzenesulfonate (SDBS) micelles.. <i>RSC Advances</i> , <b>2022</b> , 12, 13154-13167	3.7	0
2	Synthesis and structural characterization of nanofibrous polyaniline. <i>Tehnika</i> , <b>2018</b> , 73, 463-469	0.2	
1	Copolymerization of aniline and gallic acid: Novel electroactive materials with antioxidant and antimicrobial activities. <i>Synthetic Metals</i> , <b>2022</b> , 286, 117048	3.6	