

# Talat Baran

## List of Publications by Citations

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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.

110  
papers

3,378  
citations

40  
h-index

54  
g-index

111  
ext. papers

4,070  
ext. citations

5.2  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
110	On chemistry of $\beta$ -chitin. <i>Carbohydrate Polymers</i> , <b>2017</b> , 176, 177-186	10.3	151
109	Extraction and Characterization of $\beta$ -Chitin and Chitosan from Six Different Aquatic Invertebrates. <i>Food Biophysics</i> , <b>2014</b> , 9, 145-157	3.2	99
108	Carboxymethyl chitosan Schiff base supported heterogeneous palladium(II) catalysts for Suzuki cross-coupling reaction. <i>Journal of Molecular Catalysis A</i> , <b>2015</b> , 407, 47-52		96
107	Synthesis and characterization of water soluble O-carboxymethyl chitosan Schiff bases and Cu(II) complexes. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 94-103	7.9	95
106	Physicochemical comparison of chitin and chitosan obtained from larvae and adult Colorado potato beetle ( <i>Leptinotarsa decemlineata</i> ). <i>Materials Science and Engineering C</i> , <b>2014</b> , 45, 72-81	8.3	95
105	Extraction and characterization of chitin and chitosan with antimicrobial and antioxidant activities from cosmopolitan Orthoptera species (Insecta). <i>Biotechnology and Bioprocess Engineering</i> , <b>2015</b> , 20, 168-179	3.1	88
104	Production of novel palladium nanocatalyst stabilized with sustainable chitosan/cellulose composite and its catalytic performance in Suzuki-Miyaura coupling reactions. <i>Carbohydrate Polymers</i> , <b>2018</b> , 181, 596-604	10.3	86
103	Facile synthesis of palladium nanoparticles immobilized on magnetic biodegradable microcapsules used as effective and recyclable catalyst in Suzuki-Miyaura reaction and p-nitrophenol reduction. <i>Carbohydrate Polymers</i> , <b>2019</b> , 222, 115029	10.3	83
102	Comparison of chitin structures isolated from seven Orthoptera species. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 797-805	7.9	77
101	New chitin, chitosan, and O-carboxymethyl chitosan sources from resting eggs of <i>Daphnia longispina</i> (Crustacea); with physicochemical characterization, and antimicrobial and antioxidant activities. <i>Biotechnology and Bioprocess Engineering</i> , <b>2014</b> , 19, 58-69	3.1	71
100	Differentiations of chitin content and surface morphologies of chitins extracted from male and female grasshopper species. <i>PLoS ONE</i> , <b>2015</b> , 10, e0115531	3.7	68
99	Preparation and characterisation of biodegradable pollen-chitosan microcapsules and its application in heavy metal removal. <i>Bioresource Technology</i> , <b>2015</b> , 177, 1-7	11	66
98	Synthesis, characterization, and catalytic activity in Suzuki coupling and catalase-like reactions of new chitosan supported Pd catalyst. <i>Carbohydrate Polymers</i> , <b>2016</b> , 145, 20-9	10.3	65
97	Pd(0) nanocatalyst stabilized on a novel agar/pectin composite and its catalytic activity in the synthesis of biphenyl compounds by Suzuki-Miyaura cross coupling reaction and reduction of o-nitroaniline. <i>Carbohydrate Polymers</i> , <b>2018</b> , 195, 45-52	10.3	64
96	Practical, economical, and eco-friendly starch-supported palladium catalyst for Suzuki coupling reactions. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 496, 446-455	9.3	63
95	Hibiscus <i>Rosasinensis</i> L. aqueous extract-assisted valorization of lignin: Preparation of magnetically reusable Pd NPs@FeO-lignin for Cr(VI) reduction and Suzuki-Miyaura reaction in eco-friendly media. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 265-275	7.9	63
94	Cu(II) and Pd(II) complexes of water soluble O-carboxymethyl chitosan Schiff bases: Synthesis, characterization. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 542-54	7.9	60

93	Fabrication and application of cellulose Schiff base supported Pd(II) catalyst for fast and simple synthesis of biaryls via Suzuki coupling reaction. <i>Applied Catalysis A: General</i> , <b>2017</b> , 531, 36-44	5.1	59
92	A new chitosan Schiff base supported Pd(II) complex for microwave-assisted synthesis of biaryls compounds. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1141, 535-541	3.4	56
91	Ultrasound-accelerated synthesis of biphenyl compounds using novel Pd(0) nanoparticles immobilized on bio-composite. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 45, 231-237	8.9	56
90	Biosynthesis of Highly Retrievable Magnetic Palladium Nanoparticles Stabilized on Bio-composite for Production of Various Biaryl Compounds and Catalytic Reduction of 4-Nitrophenol. <i>Catalysis Letters</i> , <b>2019</b> , 149, 1721-1729	2.8	55
89	An easily recoverable and highly reproducible agar-supported palladium catalyst for Suzuki-Miyaura coupling reactions and reduction of o-nitroaniline. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 115, 249-256	7.9	55
88	Construction of new biopolymer (chitosan)-based pincer-type Pd(II) complex and its catalytic application in Suzuki cross coupling reactions. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1134, 591-598	3.4	53
87	Sustainable chitosan/starch composite material for stabilization of palladium nanoparticles: Synthesis, characterization and investigation of catalytic behaviour of Pd@chitosan/starch nanocomposite in SuzukiMiyaura reaction. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4075	3.1	53
86	Green heterogeneous Pd(II) catalyst produced from chitosan-cellulose micro beads for green synthesis of biaryls. <i>Carbohydrate Polymers</i> , <b>2016</b> , 152, 181-188	10.3	53
85	A physicochemical characterization of fully acetylated chitin structure isolated from two spider species: with new surface morphology. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 65, 553-8	7.9	52
84	Description of a new surface morphology for chitin extracted from wings of cockroach ( <i>Periplaneta americana</i> ). <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 75, 7-12	7.9	52
83	Pd nanocatalyst stabilized on amine-modified zeolite: Antibacterial and catalytic activities for environmental pollution remediation in aqueous medium. <i>Separation and Purification Technology</i> , <b>2020</b> , 239, 116542	8.3	51
82	Comparison of physicochemical properties of chitins isolated from an insect ( <i>Melolontha melolontha</i> ) and a crustacean species ( <i>Oniscus asellus</i> ). <i>Zoomorphology</i> , <b>2014</b> , 133, 285-293	1	51
81	Chitin extraction and characterization from <i>Daphnia magna</i> resting eggs. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 61, 459-64	7.9	50
80	Design and application of sporopollenin microcapsule supported palladium catalyst: Remarkably high turnover frequency and reusability in catalysis of biaryls. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 486, 194-203	9.3	49
79	Palladium nanoparticles stabilized on a novel Schiff base modified Unye bentonite: Highly stable, reusable and efficient nanocatalyst for treating wastewater contaminants and inactivating pathogenic microbes. <i>Separation and Purification Technology</i> , <b>2020</b> , 237, 116383	8.3	47
78	Exceptionally high turnover frequencies recorded for a new chitosan-based palladium(II) catalyst. <i>Applied Catalysis A: General</i> , <b>2016</b> , 523, 12-20	5.1	46
77	A new method for fast chitin extraction from shells of crab, crayfish and shrimp. <i>Natural Product Research</i> , <b>2015</b> , 29, 1477-80	2.3	45
76	Highly efficient, quick and green synthesis of biaryls with chitosan supported catalyst using microwave irradiation in the absence of solvent. <i>Carbohydrate Polymers</i> , <b>2016</b> , 142, 189-98	10.3	45

75	Preparation, structural characterization, and catalytic performance of Pd(II) and Pt(II) complexes derived from cellulose Schiff base. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1160, 154-160	3-4	44
74	An environmental catalyst derived from biological waste materials for green synthesis of biaryls via Suzuki coupling reactions. <i>Journal of Molecular Catalysis A</i> , <b>2016</b> , 420, 216-221		44
73	Highly efficient Suzuki cross-coupling reaction of biomaterial supported catalyst derived from glyoxal and chitosan. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 803, 30-38	2-3	42
72	Bat guano as new and attractive chitin and chitosan source. <i>Frontiers in Zoology</i> , <b>2014</b> , 11,	2-8	41
71	O-carboxymethyl chitosan Schiff base complexes as affinity ligands for immobilized metal-ion affinity chromatography of lysozyme. <i>Journal of Chromatography A</i> , <b>2018</b> , 1550, 21-27	4-5	40
70	Production of magnetically recoverable, thermally stable, bio-based catalyst: Remarkable turnover frequency and reusability in Suzuki coupling reaction. <i>Chemical Engineering Journal</i> , <b>2018</b> , 331, 102-113	14-7	39
69	A new air and moisture stable robust bio-polymer based palladium catalyst for highly efficient synthesis of biaryl compounds. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4076	3-1	35
68	Cyanation of aryl halides and Suzuki-Miyaura coupling reaction using palladium nanoparticles anchored on developed biodegradable microbeads. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 565-573	7-9	34
67	Physicochemical Properties of Chitin and Chitosan Produced from Medicinal Fungus ( <i>Fomitopsis pinicola</i> ). <i>Food Biophysics</i> , <b>2015</b> , 10, 162-168	3-2	33
66	Environmental remediation by chitosan-carbon nanotube supported palladium nanoparticles: Conversion of toxic nitroarenes into aromatic amines, degradation of dye pollutants and green synthesis of biaryls. <i>Separation and Purification Technology</i> , <b>2020</b> , 247, 116987	8-3	30
65	Microwave assisted synthesis of biaryls by CC coupling reactions with a new chitosan supported Pd(II) catalyst. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1122, 111-116	3-4	30
64	Polymeric material prepared from Schiff base based on O-carboxymethyl chitosan and its Cu(II) and Pd(II) complexes. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1115, 220-227	3-4	28
63	Two novel macrocyclic schiff bases containing bis-N2O2 donor set and their binuclear complexes: synthesis, spectroscopic and magnetic properties. <i>Journal of Molecular Structure</i> , <b>2009</b> , 922, 39-45	3-4	28
62	Highly recoverable, reusable, cost-effective, and Schiff base functionalized pectin supported Pd(II) catalyst for microwave-accelerated Suzuki cross-coupling reactions. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 127, 232-239	7-9	28
61	Pd nanoparticles stabilized on the Schiff base-modified boehmite: Catalytic role in Suzuki coupling reaction and reduction of nitroarenes. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 900, 120916	2-3	24
60	Highly active and recyclable heterogeneous palladium catalyst derived from guar gum for fabrication of biaryl compounds. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 1147-1154	7-9	24
59	Recent advances in polymer supported palladium complexes as (nano)catalysts for Sonogashira coupling reaction. <i>Molecular Catalysis</i> , <b>2020</b> , 480, 110645	3-3	24
58	Porous and nanofiber chitosan obtained from blue crab ( <i>Callinectes sapidus</i> ) tested for antimicrobial and antioxidant activities. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 65, 1109-1117	5-4	23

57	Natural porous and nano fiber chitin structure from Gammarus argaeus (Gammaridae Crustacea). <i>EXCLI Journal</i> , <b>2013</b> , 12, 503-10	2.4	23
56	Production and Application of Highly Efficient and Reusable Palladium Nanocatalyst Decorated on the Magnetically Retrievable Chitosan/Activated Carbon Composite Microcapsules. <i>Catalysis Letters</i> , <b>2019</b> , 149, 1496-1503	2.8	22
55	Green synthesis of a palladium nanocatalyst anchored on magnetic lignin-chitosan beads for synthesis of biaryls and aryl halide cyanation. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 155, 814-822	7.9	22
54	Bio-synthesis and structural characterization of highly stable silver nanoparticles decorated on a sustainable bio-composite for catalytic reduction of nitroarenes. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1182, 213-218	3.4	21
53	Pd NPs@FeO/chitosan/pumice hybrid beads: A highly active, magnetically retrievable, and reusable nanocatalyst for cyanation of aryl halides. <i>Carbohydrate Polymers</i> , <b>2020</b> , 237, 116105	10.3	19
52	Physicochemical characterization of chitin and chitosan obtained from resting eggs of Ceriodaphnia quadrangula (Branchiopoda: Cladocera: Daphniidae). <i>Journal of Crustacean Biology</i> , <b>2014</b> , 34, 283-288	0.8	19
51	The quick extraction of chitin from an epizoic crustacean species (Chelonibia patula). <i>Natural Product Research</i> , <b>2014</b> , 28, 2186-90	2.3	18
50	Highly effective and recoverable Pd(II) catalyst immobilized on thermally stable Schiff base polymer containing phenol group: Production, characterization and application in Suzuki coupling reactions. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 866, 87-94	2.3	17
49	An inclusive physicochemical comparison of natural and synthetic chitin films. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 1062-1070	7.9	17
48	Efficient degradation of environmental contaminants using Pd-RGO nanocomposite as a retrievable catalyst. <i>Clean Technologies and Environmental Policy</i> , <b>2020</b> , 22, 325-335	4.3	16
47	Incorporation of sporopollenin enhances acidBase durability, hydrophobicity, and mechanical, antifungal and antioxidant properties of chitosan films. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 47, 236-245	6.3	15
46	Cationic palladium(II) catalysts on O-carboxymethyl chitosan Schiff base for Suzuki coupling reactions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2016</b> , 53, 687-690	2.2	15
45	COMPARISON OF CHITIN STRUCTURES DERIVED FROM THREE COMMON WASP SPECIES (Vespa crabro LINNAEUS, 1758, Vespa orientalis LINNAEUS, 1771 and Vespula germanica (FABRICIUS, 1793)). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2015</b> , 89, 204-17	2.3	14
44	Design of highly robust halloysite nanoclay supported palladium complex as a highly active heterogeneous catalyst for construction of biaryls. <i>Applied Clay Science</i> , <b>2019</b> , 181, 105225	5.2	14
43	A combination method based on chitosan adsorption and duckweed (Lemna gibba L.) phytoremediation for boron (B) removal from drinking water. <i>International Journal of Phytoremediation</i> , <b>2018</b> , 20, 175-183	3.9	13
42	Effect of chitosan nanoparticle, QMix, and EDTA on TotalFill BC sealersSdentinal tubule penetration: a confocal laser scanning microscopy study. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2019</b> , 107, 64-71	3.6	13
41	The presence of chitin in Tardigrada with comments on chitin in the Ecdysozoa. <i>Zoologischer Anzeiger</i> , <b>2016</b> , 264, 11-16	1.1	12
40	Production of palladium nanocatalyst supported on modified gum arabic and investigation of its potential against treatment of environmental contaminants. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 1559-1567	7.9	12

39	Evaluation and application of an innovative method based on various chitosan composites and <i>Lemna gibba</i> for boron removal from drinking water. <i>Carbohydrate Polymers</i> , <b>2017</b> , 166, 209-218	10.3	11
38	Characterisation of chitin extracted from a lichenised fungus species <i>Xanthoria parietina</i> . <i>Natural Product Research</i> , <b>2015</b> , 29, 1280-4	2.3	11
37	Decorated palladium nanoparticles on chitosan/FeOOH microspheres: A highly active and recyclable catalyst for Suzuki coupling reaction and cyanation of aryl halides. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 174, 120-133	7.9	10
36	Facile preparation of nanostructured Pd-Sch-FeOOH particles: A highly effective and easily retrievable catalyst for aryl halide cyanation and p-nitrophenol reduction. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 152, 109968	3.9	10
35	Pd nanoparticles loaded on modified chitosan-Unye bentonite microcapsules: A reusable nanocatalyst for Sonogashira coupling reaction. <i>Carbohydrate Polymers</i> , <b>2021</b> , 262, 117920	10.3	9
34	Pd/CoFe <sub>2</sub> O <sub>4</sub> /chitosan: A highly effective and easily recoverable hybrid nanocatalyst for synthesis of benzonitriles and reduction of 2-nitroaniline. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 149, 109772	3.9	9
33	A promising nanocatalyst: Upgraded Kraft lignin by titania and palladium nanoparticles for organic dyes reduction. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 130, 108746	3.1	9
32	Facile fabrication of magnetically separable palladium nanoparticles supported on modified kaolin as a highly active heterogeneous catalyst for Suzuki coupling reactions. <i>Journal of Physics and Chemistry of Solids</i> , <b>2020</b> , 146, 109566	3.9	8
31	Solvent-free, microwave-assisted highly efficient, rapid and simple synthesis of biphenyl compounds by using silica based Pd(II) catalyst. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2018</b> , 55, 280-287	2.2	8
30	Studies on synthesis, structure, and DNA cleaving of homo-dinuclear Mn(II), Cu(II), Ni(II), and Zn(II) complexes with a heterocycle-based macrocyclic Schiff base. <i>Monatshefte für Chemie</i> , <b>2013</b> , 144, 1107-1115	1.4	6
29	Synthesis and spectroscopic studies of homo-binuclear, alkoxo bridged homo- and hetero-tetranuclear metal complexes of a bis-N <sub>2</sub> O <sub>4</sub> Schiff base ligand derived from ethanolamine and macrocyclic tetranaphthaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 79, 867-72	4.4	6
28	Green synthesis of palladium nanocatalyst derived from the cyclodextrin used as effective heterogeneous catalyst for cyanation of aryl halides. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 119, 108117	3.1	6
27	Facile synthesis of Pd nanoparticles supported on a novel Schiff base modified chitosan-kaolin: Antibacterial and catalytic activities in Sonogashira coupling reaction. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 945, 121849	2.3	6
26	How Taxonomic Relations Affect the Physicochemical Properties of Chitin. <i>Food Biophysics</i> , <b>2016</b> , 11, 10-19	3.2	6
25	Assessment of a PdFe <sub>3</sub> O <sub>4</sub> -biochar nanocomposite as a heterogeneous catalyst for the solvent-free Suzuki-Miyaura reaction. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 259, 124176	4.4	6
24	Bentonite-supported furfural-based Schiff base palladium nanoparticles: an efficient catalyst in treatment of water/wastewater pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 12856-12871	2.1	5
23	Cytotoxic and apoptotic activities of novel Pd(II) complexes against human leukemia cell lines in vitro. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2017</b> , 54, 263-270	2.2	4
22	Characterisation of chitin in the cuticle of a velvet worm (Onychophora). <i>Turkish Journal of Zoology</i> , <b>2019</b> , 43, 416-424	0.7	4

21	Novel chitosan based smart cathode electrocatalysts for high power generation in plant based-sediment microbial fuel cells. <i>Carbohydrate Polymers</i> , <b>2020</b> , 239, 116235	10.3	4
20	Production of Pd nanoparticles embedded on micro-sized chitosan/graphitic carbon nitride hybrid spheres for treatment of environmental pollutants in aqueous medium. <i>Ceramics International</i> , <b>2021</b> , 47, 27736-27747	5.1	4
19	Immobilized palladium nanoparticles on Schiff base functionalized ZnAl layered double hydroxide: A highly stable and retrievable heterogeneous nanocatalyst towards aryl halide cyanations. <i>Applied Clay Science</i> , <b>2022</b> , 219, 106433	5.2	3
18	Design of nanostructured palladium catalyst supported by chitosan/CoO microspheres and investigation of its catalytic behavior against synthesis of benzonitriles. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 182, 722-729	7.9	3
17	Recent developments in polymer-supported ruthenium nanoparticles/complexes for oxidation reactions. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 933, 121658	2.3	3
16	Mesoporous chromium oxide doped palladium catalysis for cyanation reaction of some aryl halides. <i>Ceramics International</i> , <b>2021</b> , 47, 27816-27821	5.1	3
15	Palladium nanoparticles embedded over chitosan/MnO <sub>2</sub> composite hybrid microspheres as heterogeneous nanocatalyst for effective reduction of nitroarenes and organic dyes in water. <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 963, 122284	2.3	2
14	Preparation and Application of a Hydrochar-Based Palladium Nanocatalyst for the Reduction of Nitroarenes. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
13	Synthesis and characterization of Pd(0) Schiff base complex supported on halloysite nanoclay as a reusable catalyst for treating wastewater contaminants in aqueous media. <i>Optik</i> , <b>2021</b> , 238, 166672	2.5	2
12	Fabrication of palladium nanocatalyst supported on magnetic eggshell and its catalytic character in the catalytic reduction of nitroarenes in water. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 950, 121978	2.3	2
11	Fabrication of Palladium Nanoparticles Supported on Natural Volcanic Tuff/Fe <sub>3</sub> O <sub>4</sub> and Its Catalytic Role in Microwave-Assisted SuzukiMiyaura Coupling Reactions. <i>Catalysis Letters</i> , <b>2021</b> , 151, 1102-1110	2.8	1
10	An easily fabricated palladium nanocatalyst on magnetic biochar for SuzukiMiyaura and aryl halide cyanation reactions. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 12519-12527	3.6	1
9	Facile synthesis of biaryls by palladium nanoparticles adorned on kaolin/NiFe <sub>2</sub> O <sub>4</sub> composite as a magnetically retrievable nanocatalyst. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 43, 100445	5.4	1
8	Biomedical applications of biopolymer-based (nano)materials <b>2021</b> , 189-332		1
7	Catalytic activity of palladium doped activated carbon from waste coffee on some environmental pollutants. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 282, 125857	4.4	1
6	Biopolymer-based metal nanoparticles for biosensing <b>2021</b> , 573-608		0
5	Design of a palladium nanocatalyst produced from Schiff base modified dialdehyde cellulose and its application in aryl halide cyanation and reduction of nitroarenes. <i>Cellulose</i> , <b>2022</b> , 29, 4475	5.5	0
4	Functionalized rGO-Pd nanocomposites as high-performance catalysts for hydrogen generation via water electrolysis. <i>Electrochimica Acta</i> , <b>2022</b> , 140513	6.7	0

- 3 Supported Pd nanoparticles on micro structured chitosan-MgAl layered double hydroxide hydrogel beads as a sustainable, effective, and recyclable nanocatalyst for Heck cross-coupling reactions. *Journal of Physics and Chemistry of Solids*, **2022**, 167, 110777 3.9 0
- 2 Biaryl Bileklerinin Sentezi İh Kitosan-Guar Sakizi Kompoziti İren Biyobozunur Mikrokapsİler İlerine İmmobilize Edilmiİldükİ Aktif ve Saİam Paladyum Nanopartikİler. *Konya Journal of Engineering Sciences*, **2020**, 8, 113-121 0.1
- 1 Antitumor and apoptotic effects of new-generation platinum compounds on human leukemia cell lines HL-60 and K562. *Biologia (Poland)*, **2022**, 77, 249 1.5