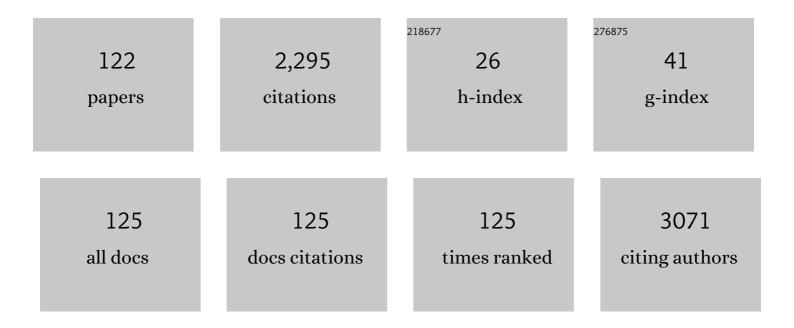


## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/240846/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Recent advances in waste water treatment through transition metal sulfides-based advanced oxidation processes. Water Research, 2021, 192, 116850.	11.3	163
2	Effect of Ni doping in Ni <sub>x</sub> Mn <sub>1â^'x</sub> Ti <sub>10</sub> (x = 0.1–0.5) on activity and SO <sub>2</sub> resistance for NH <sub>3</sub> -SCR of NO studied with in situ DRIFTS. Catalysis Science and Technology, 2017, 7, 3243-3257.	4.1	111
3	AdipoRon, the first orally active adiponectin receptor activator, attenuates postischemic myocardial apoptosis through both AMPK-mediated and AMPK-independent signalings. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E275-E282.	3.5	85
4	Selection of Temperature for Bio-oil Production from Pyrolysis of Algae from Lake Blooms. Energy & Fuels, 2012, 26, 2996-3002.	5.1	73
5	Control and Optimization of Residential Photovoltaic Power Generation System With High Efficiency Isolated Bidirectional DC–DC Converter. IEEE Access, 2019, 7, 116107-116122.	4.2	68
6	Coreâ^'Corona Polymer Composite Particles by Self-Assembled Heterocoagulation Based on a Hydrogen-Bonding Interaction. Langmuir, 2006, 22, 8127-8133.	3.5	66
7	Fusion to an albumin-binding domain with a high affinity for albumin extends the circulatory half-life and enhances the in vivo antitumor effects of human TRAIL. Journal of Controlled Release, 2016, 228, 96-106.	9.9	64
8	Novel High-Efficiency Three-Level Stacked-Neutral-Point-Clamped Grid-Tied Inverter. IEEE Transactions on Industrial Electronics, 2013, 60, 3766-3774.	7.9	54
9	β-sitosterol interacts with pneumolysin to prevent Streptococcus pneumoniae infection. Scientific Reports, 2015, 5, 17668.	3.3	49
10	Inorganic-organic CdSe-diethylenetriamine nanobelts for enhanced visible photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2019, 555, 166-173.	9.4	44
11	Inhibition of P2X7 Receptor Ameliorates Nuclear Factor-Kappa B Mediated Neuroinflammation Induced by Status Epilepticus in Rat Hippocampus. Journal of Molecular Neuroscience, 2017, 63, 173-184.	2.3	43
12	Biodegradable films based on gelatin extracted from chrome leather scrap. International Journal of Biological Macromolecules, 2018, 107, 1023-1029.	7.5	38
13	On spray drying of oxidized corn starch cross-linked gelatin microcapsules for drug release. Materials Science and Engineering C, 2017, 74, 493-500.	7.3	37
14	The structure and properties of granular cold-water-soluble starch by a NaOH/urea aqueous solution. International Journal of Biological Macromolecules, 2019, 141, 732-737.	7.5	36
15	Research on structural features and thermal conductivity of waterborne polyurethane. Progress in Organic Coatings, 2017, 104, 271-279.	3.9	35
16	HER2 Upregulates ATF4 to Promote Cell Migration via Activation of ZEB1 and Downregulation of E-Cadherin. International Journal of Molecular Sciences, 2019, 20, 2223.	4.1	35
17	Production and characterization of dialdehyde cellulose through green and sustainable approach. Cellulose, 2019, 26, 9503-9515.	4.9	34
18	Synthesis of MnNi–SAPO-34 by a one-pot hydrothermal method and its excellent performance for the selective catalytic reduction of NO by NH <sub>3</sub> . Catalysis Science and Technology, 2017, 7, 4984-4995.	4.1	31

#	Article	IF	CITATIONS
19	A Novel Switched-Capacitor Converter With High Voltage Gain. IEEE Access, 2019, 7, 107831-107844.	4.2	31
20	The varying mass ratios of soft and hard segments in waterborne polyurethane films: Performances of thermal conductivity and adhesive properties. European Polymer Journal, 2019, 112, 423-432.	5.4	31
21	A comparative study on the physicochemical properties, reactivity and long-term performance of sulfidized nanoscale zerovalent iron synthesized with different kinds of sulfur precursors and procedures in simulated groundwater. Water Research, 2022, 212, 118097.	11.3	31
22	Spatio-temporal Transmission and Environmental Determinants of Schistosomiasis Japonica in Anhui Province, China. PLoS Neglected Tropical Diseases, 2015, 9, e0003470.	3.0	30
23	Effects of low nitrogen and drought stresses on proline synthesis of Jatropha curcas seedling. Acta Physiologiae Plantarum, 2011, 33, 1591-1595.	2.1	29
24	FBXL2 counteracts Grp94 to destabilize EGFR and inhibit EGFR-driven NSCLC growth. Nature Communications, 2021, 12, 5919.	12.8	29
25	The Preparation and Applications of One Biodegradable Liquid Film Mulching by Oxidized Corn Starch-Gelatin Composite. Applied Biochemistry and Biotechnology, 2016, 180, 917-929.	2.9	27
26	Mass spectrometric monitoring of interfacial photoelectron transfer and imaging of active crystalline facets of semiconductors. Nature Communications, 2017, 8, 14524.	12.8	27
27	Adsorptive removal of antibiotics from water using peanut shells from agricultural waste. RSC Advances, 2018, 8, 13546-13555.	3.6	27
28	Hydrogel beads based on oxidized corn starch cross-linked with gelatin for tartrazine adsorption from aqueous environments. Polymer Journal, 2017, 49, 549-555.	2.7	26
29	Usability of oxidized corn starch–gelatin blends for suppression and prevention of dust. Journal of Applied Polymer Science, 2017, 134, .	2.6	24
30	Adsorptive removal of sulfa antibiotics from water using spent mushroom substrate, an agricultural waste. Desalination and Water Treatment, 0, , 1-10.	1.0	23
31	Improvement Effect of Ni to Pd-Ni/SBA-15 Catalyst for Selective Hydrogenation of Cinnamaldehyde to Hydrocinnamaldehyde. Catalysts, 2018, 8, 200.	3.5	23
32	Highâ€damping polyurethane/hollow glass microspheres sound insulation materials: Preparation and characterization. Journal of Applied Polymer Science, 2021, 138, 49970.	2.6	23
33	Preparation of narrow-dispersion or monodisperse polymer microspheres with active hydroxyl group by distillation–precipitation polymerization. Polymer International, 2006, 55, 319-325.	3.1	22
34	Biomimetic design of oxidized bacterial cellulose-gelatin-hydroxyapatite nanocomposites. Journal of Bionic Engineering, 2016, 13, 631-640.	5.0	22
35	d-Amino Acid Substitution of α-Conotoxin RgIA Identifies its Critical Residues and Improves the Enzymatic Stability. Marine Drugs, 2019, 17, 142.	4.6	20
36	Alanine-Scanning Mutagenesis of α-Conotoxin GI Reveals the Residues Crucial for Activity at the Muscle Acetylcholine Receptor. Marine Drugs, 2018, 16, 507.	4.6	19

#	Article	IF	CITATIONS
37	Fabrication and characterization of one high-hygroscopicity liquid starch-based mulching materials for facilitating the growth of plant. Carbohydrate Polymers, 2020, 230, 115582.	10.2	19
38	Enantioselective Direct Bisvinylogous 1,6â€Additions of βâ€Allylâ€2â€cyclohexenone to α,αâ€Dicyanodienes th Trienamine Catalysis. European Journal of Organic Chemistry, 2014, 2014, 5906-5909.	nrough 2.4	18
39	A New Hybrid Modular Multilevel Converter With Integrated Energy Storage. IEEE Access, 2019, 7, 172981-172993.	4.2	18
40	Experimental and numerical study on surface roughness of magnetorheological elastomer for controllable friction. Friction, 2020, 8, 917-929.	6.4	18
41	A Rare Water and Hydroxyl-Extended One-Dimensional Dysprosium(III) Chain and Its Magnetic Dilution Effect. Inorganic Chemistry, 2017, 56, 9594-9601.	4.0	17
42	Enhancement of thermal conductivity of PEG-PPG-based waterborne polyurethane coating by incorporating ordered polyethylene glycol fragment. Polymer Testing, 2018, 69, 125-132.	4.8	17
43	Collapse of cavitation bubbles near air bubbles. Journal of Hydrodynamics, 2020, 32, 929-941.	3.2	17
44	High impact resistance epoxy resins by incorporation of quadruply hydrogen bonded supramolecular polymers. Chinese Journal of Polymer Science (English Edition), 2016, 34, 850-857.	3.8	16
45	Research for waterborne polyurethane/composites with heat transfer performance: a review. Polymer Bulletin, 2018, 75, 4823-4836.	3.3	16
46	High-speed photographic observation of collapse of two cavitation bubbles. Science China Technological Sciences, 2016, 59, 1707-1716.	4.0	15
47	Measuring Viscoelastic Properties of Living Cells. Acta Mechanica Solida Sinica, 2019, 32, 599-610.	1.9	15
48	The oxidation of potato starch by Electro-Fenton system in the presence of Fe(II) ions. International Journal of Biological Macromolecules, 2019, 121, 113-119.	7.5	15
49	Gelatin as green adhesive for the preparation of a multifunctional biobased cryogel derived from bamboo industrial waste. Carbohydrate Polymers, 2021, 255, 117340.	10.2	14
50	Nonlinear Concentration-Dependent Electronic and Optical Properties of Si1–xGex Alloy Nanowires. Journal of Physical Chemistry C, 2012, 116, 17934-17938.	3.1	13
51	Freeze-drying of oxidized corn starch: electrochemical synthesis and characterization. Cellulose, 2018, 25, 2235-2247.	4.9	13
52	A novel indole-based conjugated microporous polymer for highly effective removal of heavy metals from aqueous solution <i>via</i> double cation–i€ interactions. RSC Advances, 2019, 9, 40531-40535.	3.6	13
53	Prevalence and transmission of antimicrobial-resistant Staphylococci and Enterococci from shared bicycles in Chengdu, China. Science of the Total Environment, 2020, 738, 139735.	8.0	13
54	Polydopamineâ€mediated polypyrrole/doxorubicin nanocomplex for chemotherapyâ€enhanced photothermal therapy in both NIRâ€I and NIRâ€II biowindows against tumor cells. Journal of Applied Polymer Science, 2020, 137, 49239.	2.6	13

#	Article	IF	CITATIONS
55	Baicalin Inhibits the Lethality of Ricin in Mice by Inducing Protein Oligomerization. Journal of Biological Chemistry, 2015, 290, 12899-12907.	3.4	12
56	Inhibition of mTOR Pathway by Rapamycin Decreases P-glycoprotein Expression and Spontaneous Seizures in Pharmacoresistant Epilepsy. Journal of Molecular Neuroscience, 2017, 61, 553-562.	2.3	12
57	Stabilization and cyclic utilization of chrome leather shavings. Environmental Science and Pollution Research, 2019, 26, 4680-4689.	5.3	12
58	Thermal Analysis and Identification of Potential Fire-proof Energy Building Material Based on Artificial Leather. Journal of Thermal Science, 2019, 28, 88-96.	1.9	12
59	Passive Integration Using FMLF Technique for Integrated Boost Resonant Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 3756-3766.	7.9	12
60	Efficient removal of atmospheric dust by a suppressant made of potato starch, polyacrylic acid and gelatin. Environmental Chemistry Letters, 2020, 18, 1701-1711.	16.2	12
61	Asynchronous synthesis method of waterborne polyurethane with the differences of structural features and thermal conductivity. Journal of Polymer Research, 2018, 25, 1.	2.4	11
62	Multiple Physically Cross-Linked F127â^α-CD Hydrogels: Preparation, Sol–Gel Transformation, and Controlled Release of 5-Fluorouracil. ACS Applied Bio Materials, 2019, 2, 527-532.	4.6	11
63	Tuning to optimize SVM approach for assisting ovarian cancer diagnosis with photoacoustic imaging. Bio-Medical Materials and Engineering, 2015, 26, S975-S981.	0.6	10
64	Dust pollution and control with leather waste. Environmental Chemistry Letters, 2018, 16, 427-437.	16.2	10
65	Influence of several crucial groundwater components on the toxicity of nanoscale zero-valent iron towards Escherichia coli under aerobic and anaerobic conditions. Chemosphere, 2021, 285, 131453.	8.2	10
66	Overexpression of <i>Jatropha curcas</i> Defensin ( <i>JcDef</i> ) Enhances Sheath Blight Disease Resistance in Tobacco. Journal of Phytopathology, 2017, 165, 15-21.	1.0	9
67	Clobal spatial risk pattern of highly pathogenic avian influenza H5N1 virus in wild birds: A knowledge-fusion based approach. Preventive Veterinary Medicine, 2018, 152, 32-39.	1.9	9
68	Electrochemical-Assisted Synthesis, Spray Granulation and Characterization of Oxidized Corn Starch–Gelatin. Industrial & Engineering Chemistry Research, 2018, 57, 7099-7104.	3.7	9
69	PDGFRÎ <sup>2</sup> -targeted TRAIL specifically induces apoptosis of activated hepatic stellate cells and ameliorates liver fibrosis. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 105-119.	4.9	9
70	High-aspect-ratio iron nanowires: magnetic field-assisted <i>in situ</i> reduction synthesis and extensive parametric study. Nanotechnology, 2020, 31, 145601.	2.6	9
71	Synthesis of Highly Functionalized Pyridines: A Metal-Free Cascade Process. Organic Letters, 2021, 23, 6669-6673.	4.6	9
72	Effects of Ga <sub>x</sub> Zn <sub>1â~'x</sub> O nanorods on the photoelectric properties of n-ZnO nanorods/p-GaN heterojunction light-emitting diodes. RSC Advances, 2017, 7, 49613-49617.	3.6	8

#	Article	IF	CITATIONS
73	Preparation of soundâ€insulating material based on discarded cow hair. Journal of Applied Polymer Science, 2018, 135, 46332.	2.6	8
74	Spatial Distribution Characteristics of Rainfall for Two-Jet Collisions in Air. Water (Switzerland), 2018, 10, 1600.	2.7	8
75	Impact of Milk Fortification on the Microbiological and Physicochemical Properties of Set-Type Skimmed Yoghurt Using Three Commercial Soluble Prebiotics. Foods, 2019, 8, 181.	4.3	8
76	PEGylated polypyrrole–gold nanocomplex as enhanced photothermal agents against tumor cells. Journal of Materials Science, 2020, 55, 5587-5599.	3.7	8
77	Effect of alkyl chain length on adsorption properties of alkyl imidazolium ionic liquids surface imprinting polymers. Monatshefte FA¼r Chemie, 2015, 146, 475-484.	1.8	7
78	Shifts in the Spatiotemporal Dynamics of Schistosomiasis: A Case Study in Anhui Province, China. PLoS Neglected Tropical Diseases, 2015, 9, e0003715.	3.0	7
79	Effect of Methionine Oxidation and Substitution of α-Conotoxin TxID on α3β4 Nicotinic Acetylcholine Receptor. Marine Drugs, 2018, 16, 215.	4.6	7
80	New perspectives on capturing particle agglomerates in CFD modeling of spray dryers. Drying Technology, 2020, 38, 685-694.	3.1	7
81	The role of miR-92 in regulating early development and metamorphosis of Japanese flounder <i>Paralichthys olivaceus</i> . Genes and Genetic Systems, 2020, 95, 1-10.	0.7	7
82	Photoinduced transformation of silver ion by molybdenum disulfide nanoflakes at environmentally relevant concentrations attenuates its toxicity to freshwater algae. Journal of Hazardous Materials, 2021, 416, 126043.	12.4	7
83	Network construction for fourth-party logistics based on resilience with using Particle Swarm Optimization. , 2011, , .		6
84	ls a highly pathogenic avian influenza virus H5N1 fragment recombined in PB1 the key for the epidemic of the novel AIV H7N9 in China, 2013?. International Journal of Infectious Diseases, 2016, 43, 85-89.	3.3	6
85	Cloning of pcB and pcA Gene from Gracilariopsis lemaneiformis and Expression of a Fluorescent Phycocyanin in Heterologous Host. Genes, 2019, 10, 322.	2.4	6
86	Development of aldehyde and similar-to-aldehyde tanning agents. Textile Reseach Journal, 2022, 92, 3387-3397.	2.2	6
87	Genome-wide identification and analysis of scavenger receptors and their expression profiling in response to Edwardsiella tarda infection in Japanese flounder (Paralichthys olivaceus). Developmental and Comparative Immunology, 2022, 132, 104397.	2.3	6
88	Carbon–Sulfur Bond Formation: Tandem Process for the Synthesis of Functionalized Isothiazoles. Organic Letters, 2022, 24, 339-343.	4.6	6
89	Multiple HIV-1 Genotypes Circulating Among College Students in Nanjing, China. AIDS Research and Human Retroviruses, 2020, 36, 616-624.	1.1	5
90	Cloning and expression of Allophycocyanin gene from Gracilariopsis lemaneiformis and studying the binding sites of phycocyanobilin on its α and β subunits. Journal of Applied Phycology, 2020, 32, 2657-2671.	2.8	5

#	Article	IF	CITATIONS
91	Individual effects of <scp>l</scp> â€arginine or <scp>l</scp> â€lysine on stability of pork or chicken emulsion sausages with partial replacement of porcine backfat by soybean oil. International Journal of Food Science and Technology, 2021, 56, 6742-6751.	2.7	5
92	Study on structure-induced heat transfer capabilities of waterborne polyurethane membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 598, 124879.	4.7	5
93	Design, Synthesis and Structure-Activity Relationship Studies of Meridianin Derivatives as Novel JAK/STAT3 Signaling Inhibitors. International Journal of Molecular Sciences, 2022, 23, 2199.	4.1	5
94	Feasibility Study of Starchâ $\in$ Based Biomass Incorporated 3D Printed Beef. Starch/Staerke, 2022, 74, .	2.1	5
95	Sulfonamide and Morpholineâ€Based Dual Chemosensor for Cu <sup>2+</sup> and Ag <sup>+</sup> in Different Solvent Media. Chinese Journal of Chemistry, 2016, 34, 931-936.	4.9	4
96	3-Aminopropyltriethoxysilane functionalized graphite oxide/waterborne polyurethane composites: Structural, thermal conductivity and physic-chemical properties. Diamond and Related Materials, 2019, 98, 107481.	3.9	4
97	Application of wool keratin: an anti-ultraviolet wall material in spray drying. Journal of Food Science and Technology, 2021, 58, 4235-4244.	2.8	4
98	Characterization of Bovine Foamy Virus Gag Late Assembly Domain Motifs and Their Role in Recruiting ESCRT for Budding. Viruses, 2022, 14, 522.	3.3	4
99	Ainslides Aâ <sup>~&gt;</sup> F, Six Sesquiterpenoids Isolated from <i>Ainsliaea pertyoides</i> and Their NLRP3â€inflammasome Inhibitory Activity. Chemistry and Biodiversity, 2022, 19, .	2.1	4
100	Functional characterization of <i>Cynoglossus semilaevis</i> R-spondin2 and its role in muscle development during embryogenesis. Genes and Genetic Systems, 2018, 93, 181-190.	0.7	3
101	Lowâ€loss reverse blocking IGBT with PNM structure and trench collectors. Electronics Letters, 2019, 55, 350-351.	1.0	3
102	Synthesis of antibacterial polyether biguanide curing agent and its cured antibacterial epoxy resin. Designed Monomers and Polymers, 2021, 24, 63-72.	1.6	3
103	Cynoglossus semilaevis Rspo3 Regulates Embryo Development by Inhibiting the Wnt/β-Catenin Signaling Pathway. International Journal of Molecular Sciences, 2018, 19, 1915.	4.1	2
104	Ontology-Based Noise Source Identification and Key Feature Selection: A Case Study on Tractor Cab. Shock and Vibration, 2019, 2019, 1-14.	0.6	2
105	MiR-430 Can Affect the Mesoderm Formation and Metamorphosis of Paralichthys olivaceus by Targeting lefty Gene. Journal of Ocean University of China, 2020, 19, 409-416.	1.2	2
106	Effects of Lipid Deposition on Viscoelastic Response in Human Hepatic Cell Line HepG2. Frontiers in Physiology, 2021, 12, 684121.	2.8	2
107	Functional differentiation of two lhx8 paralogs and possible regulatory role of lhx8a in Japanese flounder (Paralichthys olivaceus). Gene, 2022, 817, 146201.	2.2	2
108	Comprehensive Performance Evaluation Strategy for Communication Networks Selection in Smart Grid. Cybernetics and Information Technologies, 2016, 16, 39-56.	1.1	1

#	Article	lF	CITATIONS
109	Comparative Transcriptomic Analyses of Haemophilus parasuis Reveal Differently Expressed Genes among Strains with Different Virulence Degrees. Current Microbiology, 2021, 78, 1566-1576.	2.2	1
110	Spray-Drying-Assisted Electrochemical Synthesis: A Facile and Green Strategy for the Fabrication and Functionalization of Cellulose–Gelatin Powders. Industrial & Engineering Chemistry Research, 2021, 60, 12307-12315.	3.7	1
111	Local Structural Optimization Method Based on Orthogonal Analysis for a Resistant Muffler. IEEE Access, 2021, 9, 40560-40569.	4.2	1
112	Electrochemical Oxidation of Starch Investigated by Singleâ€Currentâ€Transition Method. Starch/Staerke, 2022, 74, 2100154.	2.1	1
113	An Analog-Device-Based Five-Domain Control Method and Distributed System Configuration for High-Power Spacecraft Power Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 5332-5344.	5.4	1
114	Highly Asymmetric Michael Addition to α,β-Unsaturated Ketones Catalyzed by 9-Amino-9-deoxyepiquinine. Angewandte Chemie - International Edition, 2007, 46, 5049-5049.	13.8	0
115	Stability Analysis of Three-Species Almost Periodic Competition Models with Grazing Rates and Diffusions. Discrete Dynamics in Nature and Society, 2011, 2011, 1-14.	0.9	0
116	Estimation and variable selection for partially linear additive models with measurement errors. Communications in Statistics - Theory and Methods, 2021, 50, 1416-1445.	1.0	0
117	Analysis FSS Absorber with Diversified Impedance for Broadband Applications. , 2021, , .		0
118	Exploration of collagen cavitation based on peptide electrolysis. Scientific Reports, 2021, 11, 17080.	3.3	0
119	The Electric Active Starch Flocculation of Protein and its Degradation Products in Leather Effluents. Leather and Footwear Journal, 2016, 16, 133-146.	0.2	0
120	RB-IGBT Based MMC Topologies with DC Fault Blocking Capability. , 2020, , .		0
121	Research on preparation technology of animal skin intrinsic multifunctional packaging material. Journal of Plastic Film and Sheeting, 0, , 875608792210934.	2.2	0
122	Study on the anhydrous condensation of collagen polypeptide and tricyanogen chloride. RSC Advances, 2022, 12, 20403-20411.	3.6	0