

Dai Hai Nguyen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8857149/dai-hai-nguyen-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

1,618
citations

23
h-index

36
g-index

98
ext. papers

2,046
ext. citations

3.5
avg. IF

5.34
L-index

#	Paper	IF	Citations
94	Development of softgel capsules containing cyclosporine a encapsulated pine essential oil based self-microemulsifying drug delivery system. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103115	4.5	0
93	Comparative study on the properties of starch-based bioplastics incorporated with palm oil and epoxidized palm oil. <i>Polymers and Polymer Composites</i> , 2022 , 30, 096739112210875	0.8	1
92	Isolation, Characterization, and Biological Activities of Fucoïdan Derived from Ceratophyllum Submersum L.. <i>Macromolecular Research</i> , 2022 , 30, 136-145	1.9	0
91	Development of topical gel containing Capsicum oleoresin encapsulated Tamanu nanocarrier and its analgesic and anti-inflammatory activities. <i>Materials Today Communications</i> , 2022 , 31, 103404	2.5	
90	Retrovirus Drugs-Loaded PEGylated PAMAM for Prolonging Drug Release and Enhancing Efficiency in HIV Treatment.. <i>Polymers</i> , 2021 , 14,	4.5	3
89	Optimal Extraction Process and In Vivo Anti-Inflammatory Evaluation of High Purity Oily Oleoresin for Pharmaceutical Applications. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 8229607	2.3	1
88	Garcinia mangostana Shell and Tradescantia spathacea Leaf Extract- Mediated One-pot Synthesis of Silver Nanoparticles with Effective Antifungal Properties. <i>Current Nanoscience</i> , 2021 , 17, 762-771	1.4	0
87	Comparative Study of the Silver Nanoparticle Synthesis Ability and Antibacterial Activity of the Piper Betle L. and Piper Sarmentosum Roxb. Extracts. <i>Journal of Nanomaterials</i> , 2021 , 2021, 1-9	3.2	0
86	The Physicochemical and Antifungal Properties of Eco-friendly Silver Nanoparticles Synthesized by Psidium guajava Leaf Extract in the Comparison With Tamarindus indica. <i>Journal of Cluster Science</i> , 2021 , 32, 601-611	3	2
85	Response surface methodology modeling for methylene blue removal by chemically modified porous carbon: Adsorption mechanism and role of surface functional groups. <i>Separation Science and Technology</i> , 2021 , 56, 2232-2242	2.5	3
84	Cellulose supported promising magnetic sorbents for magnetic solid-phase extraction: A review. <i>Carbohydrate Polymers</i> , 2021 , 253, 117245	10.3	8
83	Methoxy polyethylene glycol-cholesterol modified soy lecithin liposomes for poorly water-soluble anticancer drug delivery. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49858	2.9	12
82	Preparation and in vitro evaluation of PEGylated liposomes as effective nanocarrier for delivery of oxaliplatin. <i>Journal of Materials Research</i> , 2021 , 36, 475-486	2.5	2
81	Synthesis and characterization of starch/fiber-based bioplastic composites modified by citric acid-epoxidized palm oil oligomer with reactive blending. <i>Industrial Crops and Products</i> , 2021 , 170, 113797	5.9	2
80	Self-antibacterial chitosan/Aloe barbadensis Miller hydrogels releasing nitrite for biomedical applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 103, 175-186	6.3	1
79	A comprehensive review on polymeric hydrogel and its composite: Matrices of choice for bone and cartilage tissue engineering. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 89, 58-82	6.3	20
78	Fabrication process and characterization of AgNPs/PVA/cellulose as a SERS platform for in-situ detection of residual pesticides in fruit. <i>Materials Research Express</i> , 2020 , 7, 035019	1.7	5

77	Green Silver Nanoparticles Formed by and Leaf Extracts and the Antifungal Activity. <i>Nanomaterials</i> , 2020 , 10,	5.4	29
76	Photochemical Synthesis of Silver Nanodecahedrons under Blue LED Irradiation and Their SERS Activity. <i>Processes</i> , 2020 , 8, 292	2.9	7
75	Hydroquinone-Based Fabrication of Gold Nanorods with a High Aspect Ratio and LSPR Greater than 850 nm to Be Used as a Surface Plasmon Resonance Platform for Rapid Detection of Thiophanate Methyl. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3654	2.6	2
74	Self-Assemblable Polymer Smart-Blocks for Temperature-Induced Injectable Hydrogel in Biomedical Applications. <i>Frontiers in Chemistry</i> , 2020 , 8, 19	5	20
73	The Importance of Poly(ethylene glycol) Alternatives for Overcoming PEG Immunogenicity in Drug Delivery and Bioconjugation. <i>Polymers</i> , 2020 , 12,	4.5	178
72	Silver Nanoparticles Ecofriendly Synthesized by <i>Achyranthes aspera</i> and <i>Scoparia dulcis</i> Leaf Broth as an Effective Fungicide. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2505	2.6	12
71	Effective Elimination of Charge-associated Toxicity of Low Generation Polyamidoamine Dendrimer Eases Drug Delivery of Oxaliplatin. <i>Biotechnology and Bioprocess Engineering</i> , 2020 , 25, 224-234	3.1	4
70	Potential Application of Gold Nanospheres as a Surface Plasmon Resonance Based Sensor for In-Situ Detection of Residual Fungicides. <i>Sensors</i> , 2020 , 20,	3.8	2
69	Development and Characterization of Soy Lecithin Liposome as Potential Drug Carrier Systems for Codelivery of Letrozole and Paclitaxel. <i>Journal of Nanomaterials</i> , 2020 , 2020, 1-9	3.2	8
68	Evaluation of saponin-rich/poor leaf extract-mediated silver nanoparticles and their antifungal capacity. <i>Green Processing and Synthesis</i> , 2020 , 9, 429-439	3.9	2
67	Carboplatin delivery system based on poly(ethylene glycol) methyl ether cholesterol modified soy lecithin liposomes. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020 , 11, 045016	1.6	0
66	Nanoliposomes as an Efficient Drug Carrier System for Paclitaxel Delivery. <i>IFMBE Proceedings</i> , 2020 , 1936-196	1.6	2
65	Aminated hollow mesoporous silica nanoparticles as an enhanced loading and sustained releasing carrier for doxorubicin delivery. <i>Microporous and Mesoporous Materials</i> , 2020 , 309, 110543	5.3	9
64	A Systematic Study of the One-Pot Fabrication of Anisotropic Silver Nanoplates with Controllable Size and Shape for SERS Amplification. <i>Plasmonics</i> , 2020 , 15, 2185-2194	2.4	3
63	A Facile Synthesis Process and Evaluations of Calcium Sulfate Hemihydrate for Bone Substitute. <i>Materials</i> , 2020 , 13,	3.5	4
62	Comparison of biogenic silver nanoparticles formed by <i>Momordica charantia</i> and <i>Psidium guajava</i> leaf extract and antifungal evaluation. <i>PLoS ONE</i> , 2020 , 15, e0239360	3.7	6
61	Engineering of Hollow Mesoporous Silica Nanoparticles Enhancing Drug-Loading Capacity. <i>IFMBE Proceedings</i> , 2020 , 197-201	0.2	
60	Preparation and Characterization of Redox-Sensitive Pluronic F127-Based Nanogel as Effective Nanocarrier for Drug Delivery. <i>IFMBE Proceedings</i> , 2020 , 189-192	0.2	0

59	Synthesize and survey the drug loading efficiency of the porous nano silica modified by gelatin. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2019 , 10, 035017	1.6	2
58	Self-assembled poly(ethylene glycol) methyl ether-grafted gelatin nanogels for efficient delivery of curcumin in cancer treatment. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47544	2.9	16
57	The Study on Extraction Process and Analysis of Components in Essential Oils of Black Pepper (Piper nigrum L.) Seeds Harvested in Gia Lai Province, Vietnam. <i>Processes</i> , 2019 , 7, 56	2.9	60
56	Functionalized mesoporous silica nanoparticles and biomedical applications. <i>Materials Science and Engineering C</i> , 2019 , 99, 631-656	8.3	81
55	Chemical Synthesis and Characterization of Poly(poly(ethylene glycol) methacrylate)-Grafted CdTe Nanocrystals via RAFT Polymerization for Covalent Immobilization of Adenosine. <i>Polymers</i> , 2019 , 11,	4.5	4
54	Partial Surface Modification of Low Generation Polyamidoamine Dendrimers: Gaining Insight into their Potential for Improved Carboplatin Delivery. <i>Biomolecules</i> , 2019 , 9,	5.9	16
53	Functional Nanostructured Oligochitosan/Silica/ Carboxymethyl Cellulose Hybrid Materials: Synthesis and Investigation of Their Antifungal Abilities. <i>Polymers</i> , 2019 , 11,	4.5	7
52	Preparation and characterization of oxaliplatin drug delivery vehicle based on PEGylated half-generation PAMAM dendrimer. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	14
51	Modified Carboxyl-Terminated PAMAM Dendrimers as Great Cytocompatible Nano-Based Drug Delivery System. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
50	Functional Magnetic Core-Shell System-Based Iron Oxide Nanoparticle Coated with Biocompatible Copolymer for Anticancer Drug Delivery. <i>Pharmaceutics</i> , 2019 , 11,	6.4	31
49	Synthesis and antifungal activity of chitosan-silver nanocomposite synergize fungicide against <i>Phytophthora capsici</i> . <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019 , 56, 522-528	2.2	31
48	Evaluation of Factors Affecting Antimicrobial Activity of Bacteriocin from Microencapsulated in Alginate-Gelatin Capsules and Its Application on Pork Meat as a Bio-Preservative. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	16
47	PEGylated PAMAM dendrimers loading oxaliplatin with prolonged release and high payload without burst effect. <i>Biopolymers</i> , 2019 , 110, e23272	2.2	13
46	Functionalizing Multifunctional Fe ₃ O ₄ Nanoparticle-Based Biocompatible, Magnetic and Photoluminescent Nanohybrids: Preparation and Characterization. <i>Asian Journal of Chemistry</i> , 2019 , 31, 767-772	0.4	1
45	Investigation of Chitosan Nanoparticles Loaded with Protocatechuic Acid (PCA) for the Resistance of Fungus against Rice Blast. <i>Polymers</i> , 2019 , 11,	4.5	16
44	Extraction Process of Essential Oil from <i>Plectranthus amboinicus</i> Using Microwave-Assisted Hydrodistillation and Evaluation of Its Antibacterial Activity. <i>Asian Journal of Chemistry</i> , 2019 , 31, 977-984	0.4	41
43	In Vivo Study of the Antibacterial Chitosan/Polyvinyl Alcohol Loaded with Silver Nanoparticle Hydrogel for Wound Healing Applications. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-10	2.4	21
42	PEGylated poly(amidoamine) dendrimers-based drug loading vehicles for delivering carboplatin in treatment of various cancerous cells. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	10

41	Recent advances and prospects of computational methods for metabolite identification: a review with emphasis on machine learning approaches. <i>Briefings in Bioinformatics</i> , 2019 , 20, 2028-2043	13.4	35
40	Application of Response Surface Methodology for the Optimization of Essential Oils from Pomelo [<i>Citrus grandis</i> (L.) Osbeck] Leaves using Microwave-Assisted Hydrodistillation Method. <i>Asian Journal of Chemistry</i> , 2019 , 31, 1639-1642	0.4	8
39	Porous Nanosilica Hybrids Biocompatible Polymer For Enhancing Anticancer Drugs Loading Efficiency And Targeted Delivery. <i>Materials Today: Proceedings</i> , 2019 , 18, 4157-4163	1.4	
38	Surface PEGylation of hollow mesoporous silica nanoparticles via aminated intermediate. <i>Progress in Natural Science: Materials International</i> , 2019 , 29, 612-616	3.6	13
37	Gelatin-poly (ethylene glycol) methyl ether-functionalized porous Nanosilica for efficient doxorubicin delivery. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	7
36	Grafting of Poly(poly(ethylene glycol) methacrylate) onto Halloysite Nanotubes via Surface-Initiated Atom Transfer Radical Polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 927-931	1.3	
35	Polymeric chitosan based nanogels as a potential platform for dual targeted drug delivery in cancer therapy. <i>International Journal of Nanotechnology</i> , 2018 , 15, 188	1.5	9
34	Synergistic antifungal effect of fungicide and chitosan-silver nanoparticles on <i>Neoscytalidium dimidiatum</i> . <i>Green Processing and Synthesis</i> , 2018 , 7, 132-138	3.9	19
33	Efficient Self-Assembly of mPEG End-Capped Porous Silica as a Redox-Sensitive Nanocarrier for Controlled Doxorubicin Delivery. <i>International Journal of Biomaterials</i> , 2018 , 2018, 1575438	3.2	17
32	Evolution and present scenario of multifunctionalized mesoporous nanosilica platform: A mini review. <i>Materials Science and Engineering C</i> , 2018 , 91, 912-928	8.3	22
31	BIODEGRADABLE GELATIN DECORATED Fe ₃ O ₄ NANOPARTICLES FOR PACLITAXEL DELIVERY. <i>Science and Technology</i> , 2018 , 55, 7	1.5	4
30	Enhanced tissue adhesiveness of injectable gelatin hydrogels through dual catalytic activity of horseradish peroxidase. <i>Biopolymers</i> , 2018 , 109, e23077	2.2	15
29	Low systemic toxicity nanocarriers fabricated from heparin-mPEG and PAMAM dendrimers for controlled drug release. <i>Materials Science and Engineering C</i> , 2018 , 82, 291-298	8.3	41
28	Optimization of Microwave-Assisted Extraction of Essential Oil from Vietnamese Basil (<i>Ocimum basilicum</i> L.) Using Response Surface Methodology. <i>Processes</i> , 2018 , 6, 206	2.9	66
27	Preparation, Characterization and Antifungal Properties of Chitosan-Silver Nanoparticles Synergize Fungicide Against. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 5299-5305	1.3	26
26	Hierarchical self-assembly of heparin-PEG end-capped porous silica as a redox sensitive nanocarrier for doxorubicin delivery. <i>Materials Science and Engineering C</i> , 2017 , 70, 947-954	8.3	38
25	Preparation, characterization, and antioxidant activity of water-soluble oligochitosan. <i>Green Processing and Synthesis</i> , 2017 , 6,	3.9	10
24	Biocompatible nanomaterials based on dendrimers, hydrogels and hydrogel nanocomposites for use in biomedicine. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2017 , 8, 015001	1.6	20

23	Development of new magnetic nanoparticles: Oligochitosan obtained by Frays and coated Fe ₃ O ₄ nanoparticles. <i>Applied Surface Science</i> , 2017 , 422, 863-868	6.7	13
22	In situ forming gelatin hydrogels by dual-enzymatic cross-linking for enhanced tissue adhesiveness. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 757-764	7.3	46
21	New oligochitosan-nanosilica hybrid materials: preparation and application on chili plants for resistance to anthracnose disease and growth enhancement. <i>Polymer Journal</i> , 2017 , 49, 861-869	2.7	14
20	Fabrication of Polycaprolactone/Polyurethane Loading Conjugated Linoleic Acid and Its Antiplatelet Adhesion. <i>International Journal of Biomaterials</i> , 2017 , 2017, 5690625	3.2	10
19	Investigate the Effect of Thawing Process on the Self-Assembly of Silk Protein for Tissue Applications. <i>BioMed Research International</i> , 2017 , 2017, 4263762	3	2
18	Redox and pH Responsive Poly (Amidoamine) Dendrimer-Heparin Conjugates via Disulfide Linkages for Letrozole Delivery. <i>BioMed Research International</i> , 2017 , 2017, 8589212	3	18
17	Development and In Vitro Evaluation of Liposomes Using Soy Lecithin to Encapsulate Paclitaxel. <i>International Journal of Biomaterials</i> , 2017 , 2017, 8234712	3.2	30
16	Green processing of thermosensitive nanocurcumin-encapsulated chitosan hydrogel towards biomedical application. <i>Green Processing and Synthesis</i> , 2016 , 5,	3.9	14
15	Supramolecular chemistry at interfaces: host-guest interactions for attaching PEG and 5-fluorouracil to the surface of porous nanosilica. <i>Green Processing and Synthesis</i> , 2016 , 5,	3.9	4
14	Injectable Hydrogel Composite Based Gelatin-PEG and Biphasic Calcium Phosphate Nanoparticles for Bone Regeneration. <i>Journal of Electronic Materials</i> , 2016 , 45, 2415-2422	1.9	26
13	Hierarchical self-assembly of magnetic nanoclusters for theranostics: Tunable size, enhanced magnetic resonance imaging, and controlled and targeted drug delivery. <i>Acta Biomaterialia</i> , 2016 , 35, 109-117	10.8	45
12	Role of Collagen Concentration in Stability of Star-Shaped Silver@Gold Nanoparticles. <i>Journal of Nano Research</i> , 2016 , 40, 113-119	1	4
11	Functionalization of Fe ₃ O ₄ nanoparticles with biodegradable chitosan-grafted-mPEG for paclitaxel delivery. <i>Green Processing and Synthesis</i> , 2016 , 5,	3.9	9
10	Gelatin as an ecofriendly natural polymer for preparing colloidal silver@gold nanobranches. <i>Green Processing and Synthesis</i> , 2016 , 5,	3.9	5
9	Heparin nanogel-containing liposomes for intracellular RNase delivery. <i>Macromolecular Research</i> , 2015 , 23, 765-769	1.9	24
8	Enzyme-mediated fabrication of an oxidized chitosan hydrogel as a tissue sealant. <i>Journal of Bioactive and Compatible Polymers</i> , 2015 , 30, 412-423	2	27
7	Preparation of the Cationic Dendrimer-Based Hydrogels for Controlled Heparin Release. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015 , 52, 830-837	2.2	18
6	Targeted doxorubicin nanotherapy strongly suppressing growth of multidrug resistant tumor in mice. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 329-335	6.5	35

5	Magnetic properties of Cr doped Fe ₃ O ₄ porous nanoparticles prepared through a co-precipitation method using surfactant. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2014 , 5, 035017	1.6	16
4	Tetronic-grafted chitosan hydrogel as an injectable and biocompatible scaffold for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 1636-48	3.5	34
3	Bioreducible cross-linked Pluronic micelles: pH-triggered release of doxorubicin and folate-mediated cellular uptake. <i>Journal of Bioactive and Compatible Polymers</i> , 2013 , 28, 341-354	2	37
2	Targeting ligand-functionalized and redox-sensitive heparin-Pluronic nanogels for intracellular protein delivery. <i>Biomedical Materials (Bristol)</i> , 2011 , 6, 055004	3.5	34
1	Preparation of liposomal nanocarrier by extruder to enhance tumor accumulation of paclitaxel. <i>Journal of Bioactive and Compatible Polymers</i> , 088391152110539	2	0