PHỤ LỤC

(Ban hành kèm theo Thông tư số 06/2020/TT-BGDĐT ngày 19 tháng 3 năm 2020 của Bộ trưởng Bộ Giáo dục và Đào tạo)

Mẫu số 03

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

LÝ LỊCH KHOA HỌC

(Dành cho ứng viên/thành viên các Hội đồng Giáo sư)

1. Thông tin chung

- Họ và tên: Trần Ngọc Quyền
- Năm sinh: 1979
- Giới tính: Nam
- Trình độ đào tạo (TS, TSKH) (năm, nơi cấp bằng):

Tiến sĩ (2011, Đại học Ajou-Hàn Quốc)

- Chức danh Giáo sư hoặc Phó giáo sư (năm, nơi bổ nhiệm): Phó giáo sư (2016, Học Viện KHCN-Viện Hàn lâm KHCN Việt Nam……..
- Ngành, chuyên ngành khoa học: Hóa ứng dụng, vật liệu y sinh dược.
- Chức vụ và đơn vị công tác hiện tại (hoặc đã nghỉ hưu từ năm): Viện trưởng Viện Khoa học Vật liệu Ứng dụng.
- Chức vụ cao nhất đã qua: Viện trưởng
- Thành viên Hội đồng Giáo sư cơ sở (nếu có) (năm tham gia, tên hội đồng, cơ sở đào tạo):

Không

- Thành viên Hội đồng Giáo sư ngành (nếu có) (năm tham gia, tên hội đồng, nhiệm kỳ):

Không

- Thành viên Hội đồng Giáo sư nhà nước (nếu có) (năm tham gia, tên hội đồng, nhiệm kỳ):

Không

2. Thành tích hoạt động đào tạo và nghiên cứu *(thuộc chuyên ngành đang hoạt động)*

2.1. Sách chuyên khảo, giáo trình

a) Tổng số sách đã chủ biên: 01 sách chuyên khảo; 01 giáo trình.

b) Danh mục sách chuyên khảo, giáo trình trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất *(tên tác giả, tên sách, nhà xuất bản, năm xuất bản, mã số ISBN, chỉ số trích dẫn).*

1. Nguyên cửu Khoa, Tran Ngọc Quyền và cộng sự, Vật liệu polymer thông minh

và ứng dụng trong y sinh, Nhà xuất bản Khoa học Tự nhiên và Công nghệ ISBN978-604-913-437-1

2. Phung Ngan Le, Cuu Khoa Nguyen, Ngoc Quyen Tran, Dendrimers for Controlled Release Drug Delivery, CRC Press, a Taylor & Francis Group (In Press, **Pub Date:** February 2018)

3. Le Hang Dang, Ngoc Quyen Tran, Nanoparticles, Nanotechnology and Targeted Drug Delivery System, Studera Press, 2019

2.2. Các bài báo khoa học được công bố trên các tạp chí khoa học

a) Tổng số đã công bố: 50 bài báo tạp chí trong nước; 97 (95 SCIE) bài báo tạp chí quốc tế.

b) Danh mục bài báo khoa học công bố trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất *(tên tác giả, tên công trình, tên tạp chí, năm công bố, chỉ số IF và chỉ số trích dẫn - nếu có):*

- Trong nước:

1. Nguyễn Thị Bích Trâm, Đặng Thị Lệ Hằng, Nguyễn Đại Hải, Trần Lê Bảo Hà, Đoàn Nguyên Vũ, Huỳnh Nguyên Tuấn Anh, Trần Ngọc Quyển, nghiên cứu điều chế hydrogel nanocomposite trên cơ sở chitosan và curcumine ứng dụng trong tái tạo mô, Tạp chí Dược học, T. 57, S. 4 (2017).
2. Nguyen Tien Thinh, Nguyen Thi Phuong , Bui Thanh Thai, Nguyen Trong Tri, Nguyen Huynh Bach Son Long, Tran Quoc Son, Nguyen Tri Phu, Nguyen Cuu Khoa, Nguyen Dai Hai, Tran Ngoc Quyen, enzymatic preparation of modulated–biodegradable hydrogel nanocomposites based chitosan/gelatin and biphasic calcium phosphate nanoparticles, Journal of Science and Technology 55 (xx) (2017) 191–198.
3. Duong Thi Ngoc Dung, Cao Van Du, Tong Nguyen NhatAnh, Nguyen Thi Tram Chau, Huynh Dai Phu, Nguyen Dai Hai, Tran Ngoc Quyen, Preparation and characterization of pnipam – grafted heparin copolymer for drugs delivery, Vietnam Journal of Chemistry, 55, 3e, 125-129, 2017.
4. Nguyen Tien Thinh, Bui Ngọc Kim Thanh, Pham Trung Kien, Nguyen Dai Hai,Tran Ngoc Quyen, Enzyme-mediated preparation of the gelatin/alginate-based nanocomposite hydrogel Vietnam Journal of Chemistry, 55, 3e,140-145 2017.
5. Dinh Van Tuan, Pham Thi Ly Na, Dang Le Hang, Cao Van Du, Mach Thi Anh, Doan Nguyen Vu, Tran Le Bao Ha, Nguyen Dinh Trung, Tran Ngoc Quyen, Nanocurcumin and chitosan-pluronic f127-based hydrogel for 3 rd degree burn treatment, Vietnam Journal of Science and Technology 56 (5) (2018) 594-603.
6. Ngoc The, Nguyen.X. Anh, Nguyen V. Toan, Tran Ngoc Quyen, Nguyen T.B. Tram, Preparation of thermosensitive heparin-pluronic P123 copolymers as potential platforms for drugs delivery, Journal of Chemistry 55, 5E3,4, 589-592, 2017.
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8. Nguyen Dinh Trung, Nguyen Ngoc The, Nguyen Cuu Khoa, Utkin Yuri Nicolaevich, Tran Ngoc Quyen, Hoang Ngoc Anh, Synthesis of nano encapsulated low-molecular weight anticoagulants, VIETNAM J. CHEM 57(2e1,2) 323-327, 2019.

- Quốc tế:

1. Thu Thao Nguyen Thi, Tuong Vi Tran, ***Ngoc Quyen Tran***, Cuu Khoa Nguyen and Dai Hai Nguyen Hierarchical self-assembly of heparin-PEG end-capped porous silica as a redox sensitive nanocarrier for doxorubicin delivery, *Materials* Science and *Engineering C*: *Materials for Biological Applications.* 70:2, 947-954, 2017(***IF 4.2***).
2. Nguyen Thi Tram Chau, Thi Hiep Nguyen, ***Tran Ngoc Quyen****, Nguyen Cuu Khoa, Highly lipophilic pluronics-conjugated polyamidoamine dendrimer nanocarriers as potential delivery system for hydrophobic drugs, *Materials* Science and *Engineering C*: *Materials for Biological Applications.* 70:2, 992-999, **2017** (***IF 4.2***).
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6. Tuong Vi Tran, Uyen Thi Phan Ngoc, Minh Nhat Ho, Thi Thinh Nguyen, Yen Nguyen Tram Chau, Van Thu Le, Cuu Khoa ***Nguyen, Ngoc Quyen Tran*** Low Systemic Toxicity Nanocarriers Fabricated from Heparin-mPEG and PAMAM Dendrimers for Controlled Drug Release *Materials* Science and *Engineering C* 2018, 82:291-298. (***IF 5.02***).
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12. Huynh Dai Phu, ***Tran Ngoc Quyen,*** Pham Trung Kien, Nguyen Quang Minh, Fabrication of nano-hydroxyapatite by hydrothermal treatment for biomedical applications. *Advances in Experimental Medicine and Biology 1007,* 343-354 *2018* ***(IF: 1.9)****.*
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14. Phuong Thao Nguyen, ***Ngoc Quyen Tran***, Chan Khon Huynh, Volker R. Stoldt, Leu33Pro (PlA) polymorphism of integrin beta3 modulates platelet Src pY418 and FAK pY397 phosphorylation in response to abnormally high shear stress, Blood Coagulation and Fibrinolysis, 29(6):488-495 2018 ***(IF: 1.34)***
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Kiat Jun, Thang Bach Phan, Quang Minh Ngoc, ***Ngoc Quyen Tran***, Tran Hoang Hai, Pham Hung Van and Tan TaiNguyen, Immobilization of Protein A on Monodisperse Magnetic Nanoparticles for Biomedical Applications, Journal of Nanomaterials, 2019, ID 2182471, 9 pages (2019; ***IF 2.23***).

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27. Minh Thanh Vu, Long Giang Bach, Duy Chinh Nguyen, Minh Nhat Ho, Ngoc Hoi Nguyen, Ngoc Quyen Tran, Dai Hai Nguyen, Cuu Khoa Nguyen and Thai Thanh Hoang Thi, Modified carboxyl-terminated pamam dendrimers as great cytocompatible nano-based drug delivery system, Int. J. Mol. Sci. 20, 2016 (2019; ***IF 4.15***)
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29. Trung Dinh Nguyen, The Ngoc Nguyen, Trang Thuy Thi Nguyen, Igor A. Ivanov, Khoa Cuu Nguyen, Quyen Ngoc Tran, Anh Ngoc Hoang, Yuri N. Utkin, Nanoencapsulation enhances anticoagulant activity of adenosine and dipeptide IleTrp, Nanomaterials 2019 9(9) (IF:4.03)
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31. Pham Van Hien, Nguyen Si Hoai Vu, Lai Xuan Bach, Ngoc Quyen Tran, Vinh Ai Dao, Quang Thang Trinh, Nguyen Dang Nam, Capability of *Aganonerion polymorphum* leaf-water extract in protecting hydrochloric acid induced steel corrosion, New Journal of Chemistry 2019,**43**, 15646-15658 (IF: 3.1).
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35. Nam Minh-phuong Tran, Toan Le-duc Huynh, Binh Ngoc Phan, Nhi Ngoc-thao Dang, Thang Bach Phan, Huong Thi-thanh Ha, Long Phuoc Truong, Phu Dai Huynh, Ngoc Quyen Tran, Van Toi Vo, Phuong Thu Ha and Thi-Hiep Nguyen, Conjugated linoleic acid grafting improved hemocompatibility of the polycaprolactone electrospun membrane, International Journal of Polymer Science 2020 (IF: 1.65).
36. Van-Phuc Dinh, Ngoc Quyen Tran, Nguyen-Que-Tran Le, Quang-Huy Tran, Trinh Duy Nguyen, Van Tan Le, Facile synthesis of FeFe2O4 magnetic nanomaterial for removing methylene blue from aqueous solution, Progress in Natural Science: Materials International 29 (2019) 648–654 (IF: 4.0).
37. Ly Loan Khanh, Nguyen Thanh Truc, Nguyen Tan Dat, Nguyen Thi Phuong Nghi, Vo van Toi, Nguyen Thi Thu Hoai, Tran Ngoc Quyen, Tran Thi Thanh Loan, Nguyen Thi Hiep, Gelatin-stabilized composites of silver nanoparticles and curcumin: characterization, antibacterial and antioxidant study, Science and Technology of Advanced Materials 2020 (IF: 5.8).
38. Nam Minh-Phuong Tran, Nhi Thao-Ngoc Dang, Nghi Thi-Phuong Nguyen, Long Vuong-Hoang Nguyen, Tran Ngoc Quyen, Phong A. Tran, Byong-Taek Lee & Nguyen Thi Hiep, Fabrication of injectable bone substitute loading porous simvastatin-loaded poly(lactic-*co*-glycolic acid) microspheres, *International Journal of Polymeric Materials and Polymeric Biomaterials 2020,* 69 (6), pp.351-362 (IF:2.34).
39. Dinh Van Thoai, Dinh Trung Nguyen, Le Hang Dang, Ngoc Hao Nguyen, Van Toan Nguyen, Phuong Doan, Bich Tram Nguyen, Le Van Thu, Nguyen Ngoc Tung, **Tran Ngoc Quyen**[*], Lipophilic effect of various pluronic-grafted gelatin copolymers on the quercetin delivery efficiency in these self-assembly nanogels, Journal of Polymer Research (2020) 27:369 (IF:2.43).
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46. Tan Phuoc Ton, Thi Yen Nhi Tran, Le Hang Dang, Kim Thi Hoang Nguyen, Phuong Doan, Van Toan Nguyen, Dinh Trung Nguyen, Bao Huy Le, **Ngoc Quyen Tran**[*], and Bich Tram Nguyen, Preparation and Characterization of Polyamidoamine G2.0-Hematin as a Biocatalyst for Fabricating Catecholic Gelatin Hydrogel, International Journal of Polymer Science 2021, Article ID 5563229, 13 pages (IF1.64).
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49. Duong Chi Trung, Trung Thanh Pham, Quoc Binh Phan Minh, Casen Panaitescu, Ngoc Quyen Tran, Ha Tuan Anhf, Lai Xuan Bach, Nam Nguyen Dang, The use of Piper Betle leaf extract for forming a barrier layer on steel surface in hydrochloric acid solution, Progress in Organic Coatings 158 (2021) 106340 (IF: 4.47)
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53. VT Nguyen, P Doan, DT Nguyen, VD Doan, TP Dao, V Plavskii, **Ngoc Quyen Tran**[*], Effect of targeting ligand designation of self-assembly chitosan-poloxamer nanogels loaded Paclitacel on inhibiting MCF-7 cancer cell growth, Journal of Biomaterials Science, Polymer Edition, 1-17, 2021 (IF: 2.8)
54. TT Nguyen, N Van Sau, QM Ngo, G Eppe, NQ Tran, N Thi Phuong Anh Enhanced Sensitivity and Detection of Near-Infrared Refractive Index Sensor with Plasmonic Multilayers, Sensors 21 (21), 7056 (IF: 3.58).

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58. TP Dao, NQ Tran, TT Tran, Assessing the kinetic model on extraction of essential oil and chemical composition from lemon peels (Citrus aurantifolia) by hydro-distillation process, Materials Today: Proceedings 2022 (Scopus)
59. TP Ton, VT Nguyen, P Doan, DT Nguyen, TP Nguyen, CK Huynh, **Ngoc Quyen Tran**[*], Hematin-conjugated gelatin as an effective catalyst for preparing biological hydrogels, New Journal of Chemistry 45 (39), 18327 2021 (IF: 3.6)
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2.3. Các nhiệm vụ khoa học và công nghệ *(chương trình và đề tài tương đương cấp Bộ trở lên)*

a) Tổng số chương trình, đề tài đã chủ trì/chủ nhiệm: 02 cấp Nhà nước; 05 cấp Bộ và tương đương.

b) Danh mục đề tài tham gia đã được nghiệm thu trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất *(tên đề tài, mã số, thời gian thực hiện, cấp quản lý đề tài, trách nhiệm tham gia trong đề tài):*

Stt	Tên đề tài/dự án	Cơ quan tài trợ kinh phí	Thời gian thực hiện	Vai trò tham gia đề tài
1	Điều chế các hệ nanogel nhạy nhiệt trên cơ sở polysaccharide sulfate để mang-nhả chậm hiệu quả cisplatin và các thuốc chống ung thư kém tan trong nước.	Đề tài Nafosted (Bộ KHCN)	2015-2017	Chủ nhiệm đề tài
2	Nghiên cứu ứng dụng triển khai phân ure và NPK nhả chậm cho 4 loại cây trồng (lúa, mía, đậu phộng và cam sành) tại tỉnh Trà Vinh	Đề tài Sở KHCN Trà Vinh	2017-2018	Chủ nhiệm đề tài
3	Điều chế xanh hệ hydrogel composite trên cơ sở chitosan pluronic nhạy cảm nhiệt kết hợp nano curcumin ứng dụng chữa lành vết thương bỏng độ 3	Đề tài Viện HLKHCNVN	2017-2018	Chủ nhiệm đề tài
4	Nghiên cứu thử nghiệm 2 hoạt chất điều hòa sinh trưởng để tăng năng suất và chữ đường cho cây mía ở Trà Vinh	Đề tài Sở KHCN Trà Vinh	2017-2018	Chủ nhiệm đề tài
5	Điều chế hệ chất mang gelatin-pluronic nanogel nang hóa core-shell 2 loại thuốc chống ung thư theo cơ chế tương tác tĩnh điện cùng tương tác kỵ nước và đánh giá hoạt tính tiêu diệt tế bào ung thư trong in vitro - in vivo.	Đề tài Nafosted (Bộ KHCN)	2018-2020	Thư ký đề tài
6	Nghiên cứu điều chế một số xúc tác giả sinh học kích thước nano trên cơ sở hematin và đánh giá khả năng thay thế enzyme horseradise peroxidase (HRP) trong các phân tích sinh hóa hay chế tạo vật liệu y sinh học Kinh phí 1250 triệu, CNĐT: Trần Ngọc Quyền	Đề tài Nafosted (Bộ KHCN)	2019-2022	Chủ nhiệm đề tài
7	Nghiên cứu điều chế hydrogel đa chức năng ứng dụng hỗ trợ điều trị vết thương bệnh lý đái tháo đường	Sở KH&CN TpHCM	2019-2021	Chủ nhiệm đề tài

2.4. Công trình khoa học khác *(nếu có)*

a) Tổng số công trình khoa học khác:

- Tổng số có: 0 sáng chế, giải pháp hữu ích
- Tổng số có: 0 tác phẩm nghệ thuật
- Tổng số có: 0 thành tích huấn luyện, thi đấu

b) Danh mục bằng độc quyền sáng chế, giải pháp hữu ích, tác phẩm nghệ thuật, thành tích huấn luyện, thi đấu trong 5 năm trở lại đây *(tên tác giả, tên công trình, số hiệu văn bằng, tên cơ quan cấp):*

Không

2.5. Hướng dẫn nghiên cứu sinh (NCS) đã có quyết định cấp bằng tiến sĩ

a) Tổng số: 01 NCS đã hướng dẫn chính

b) Danh sách NCS hướng dẫn thành công trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất *(Họ và tên NCS, đề tài luận án, cơ sở đào tạo, năm bảo vệ thành công, vai trò hướng dẫn):*

Nguyễn Thị Phương, Nghiên Cứu Tổng Hợp Vật Liệu Mới Trong Cấy Ghép Và Tái Tạo Xương Trên Cơ Sở Hydrogel Composite, Học Viện KHCN, 2017, Hướng dẫn phụ

Nguyễn Thị Trâm Châu, Nghiên cứu biến tính dendrimer polyamidoamine bằng polymer tương hợp sinh học (PEG và Pluronic) ứng dụng mang thuốc, 2017

Nguyễn Ngọc Hòa, Nghiên cứu điều chế các hệ nano dendrimer biến tính tăng cường hiệu quả mang nhả thuốc chống ung thư, Học Viện KHCN, 2017, Hướng dẫn phụ

Nguyễn Ngọc Thể, Tổng hợp nanogel nhạy nhiệt trên cơ sở polysaccharide sulfate ứng dụng trong dẫn truyền thuốc, Học Viện KHCN, 2021, Học Viện KHCN, 2017, Hướng dẫn chính

3. Các thông tin khác

3.1. Danh mục các công trình khoa học chính trong cả quá trình *(Bài báo khoa học, sách chuyên khảo, giáo trình, sáng chế, giải pháp hữu ích, tác phẩm nghệ thuật, thành tích huấn luyện, thi đấu...; khi liệt kê công trình, có thể thêm chú dẫn về phân loại tạp chí, thông tin trích dẫn…):*

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4. ***Ngoc Quyen Tran***, Yoon Ki Joung, Eugene Lih, Ki Dong Park, *In situ* forming and rutin-releasing chitosan hydrogels as an injectable dressing for dermal wound healing, Biomacromol., 12:2872-2880 **2011** (***IF: 5.93***).
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Antiproliferative metal coating J. Bioactive and Compatible Polymer 27, 4, 313 **2012** ***(IF 2.9)***.

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burn wound treatment, Bulletin of Materials Science 42(2): 71 (2019) ***(IF:1.0)***

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45. TP Ton, VT Nguyen, P Doan, DT Nguyen, TP Nguyen, CK Huynh, **Ngoc Quyen Tran**[*], Hematin-conjugated gelatin as an effective catalyst for preparing biological hydrogels, New Journal of Chemistry 45 (39), 18327 2021 (IF: 3.6)
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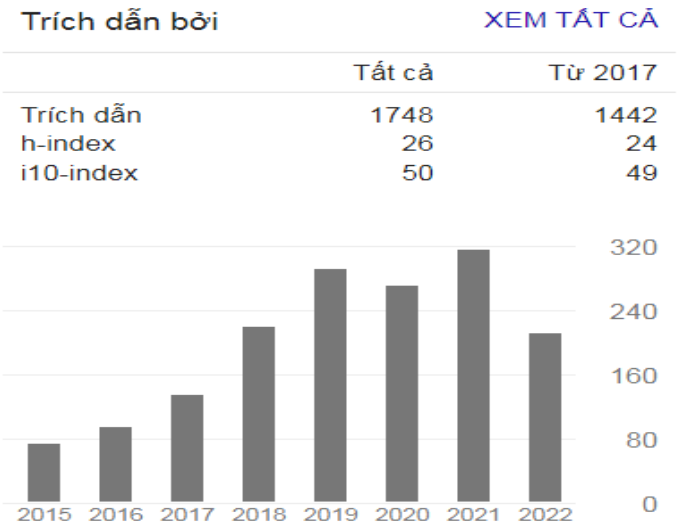
3.2. Giải thưởng về nghiên cứu khoa học trong và ngoài nước *(nếu có):*

3.3. Các thông tin về chỉ số định danh ORCID, hồ sơ Google scholar, H-index, số lượt trích dẫn *(nếu có):* **ORCID:** 0000-0003-2899-5452



3.4. Ngoại ngữ

- Ngoại ngữ thành thạo phục vụ công tác chuyên môn: Thành thạo
- Mức độ giao tiếp bằng tiếng Anh: Tốt

Tôi xin cam đoan những điều khai trên là đúng sự thật, nếu sai tôi xin hoàn toàn chịu trách nhiệm trước pháp luật.

TpHCM, ngày 26 tháng 05 năm 2022

NGƯỜI KHAI

(Ký và ghi rõ họ tên)

Người ký: Trần Ngọc Quyền
Email: tnquyen@iams.vast.vn
Cơ quan: Viện Khoa học Vật liệu ứng dụng, Viện Hàn lâm Khoa học và Công nghệ Việt Nam
Thời gian ký: 26.05.2022 16:51:54 +07:00