

**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: Dương Nguyên Khang
- Năm sinh: 11/11/1964
- Giới tính: Nam
- Trình độ đào tạo (TS, TSKH) (năm, nơi cấp bằng): Tiến sĩ, 2004, Swedish University of Agricultural Sciences, Thụy điển
- Chức danh Giáo sư hoặc Phó giáo sư (năm, nơi bổ nhiệm): Giáo sư, 2019, Bộ Giáo dục và Đào tạo

- Ngành, chuyên ngành khoa học: Chăn nuôi
- Chức vụ và đơn vị công tác hiện tại (hoặc đã nghỉ hưu từ năm): Giám đốc, Trung tâm Nghiên cứu và Chuyển giao Khoa học Công nghệ, Đại học Nông lâm Thành phố Hồ Chí Minh
- Chức vụ cao nhất đã qua: Giám đốc Trung tâm
- Thành viên Hội đồng Giáo sư cơ sở (nếu có) (năm tham gia, tên hội đồng, cơ sở đào tạo): 2012, 2013, 2020, 2022, 2023, 2024: Hội đồng chức danh Giáo sư/Phó Giáo sư, Đại học Nông lâm PHCM
- Thành viên Hội đồng Giáo sư ngành (nếu có) (năm tham gia, tên hội đồng, nhiệm kỳ):  
.....
- Thành viên Hội đồng Giáo sư nhà nước (nếu có) (năm tham gia, tên hội đồng, nhiệm kỳ):  
.....

**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; 02 giáo trình; 01 tham khảo.
- 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).

TT	Tác giả	Tên sách	Nhà xuất bản và năm xuất bản	Năm xuất bản	ISBN
1	<b>Dương Nguyên Khang</b> (Chủ biên), Chu Mạnh Thắng, Trần Hiệp, Lê Đình Phùng, Vũ Chí Cường	Giảm thải mê tan trong chăn nuôi bò: Hiện trạng và giải pháp dinh dưỡng	Nhà xuất bản Đại học Quốc gia TP. Hồ Chí Minh	2017	978-604-73-5274-6
2	<b>Dương Nguyên Khang</b>	Giáo trình quản lý tốt hơn xử lý nước thải trại chăn nuôi heo qui mô lớn	Nhà xuất bản Đại học Quốc gia TP. Hồ Chí Minh	2017	978-604-73-7108-2
3	<b>Dương Nguyên Khang</b> , Trần Tấn Việt, Lê Trịnh Hải, Alexandre de Caters và Gaëtan Crielaard	Ruồi Lính Đen: Loại côn trùng an toàn, hữu ích cho chăn nuôi công nghiệp	Nhà xuất bản Đại học Quốc gia TP. Hồ Chí Minh	2017	978-604-73-5275-3
4	Trần Thị Dân và <b>Dương Nguyên Khang</b>	Sinh lý vật nuôi	Nhà xuất bản Nông nghiệp	2018	978-604-60-2818-5
5	Daniel Aquino, Arnel Del Barrio, Nguyen Xuan Trach, Nguyen Thanh Hai, <b>Duong Nguyen Khang</b> , Nguyen Tat Toan, and Nguyen Van Hung	Chapter 7: Rice Straw-Based Fodder for Ruminants. In Sustainable Rice Straw Management	Springer	2021	978-3-030-32373-8
6	Nguyễn Văn Hùng, Nguyễn Văn Vương, Trần Ngọc Thạch, <b>Dương Nguyên Khang</b> , Phạm Văn Thuyết, Trần Thị Cẩm Nhung, Nguyễn Văn Hiếu, Nguyễn Thanh Nghị, Phạm Thị Minh Hiếu, Trần Thị Mỹ Hạnh, Trần Thái Nghiêm, Lê Vĩnh Thúc, Ngô Đức Thế, Nguyễn Hữu Diễm Hà, Nguyễn Thị Hà An, Nguyễn Hồng Dương	Sổ tay hướng dẫn Quản lý rơm rạ theo hướng nông nghiệp tuần hoàn Và phát thải thấp ở đồng bằng sông cửu long	Nhà xuất bản Trẻ	2023	3039-2021/CXB IPH/13-111

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

- a) Tổng số đã công bố: 45 bài báo tạp chí trong nước; 54 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:

TT	Tác giả	Tên bài báo	Tạp chí	Năm	ISBN
1	Trương Văn Hiếu, Hồ Quảng Đồ, Nguyễn Thị Kim Quyên và <b>Dương Nguyên Khang</b>	Ảnh hưởng của ngọn lá khoai mì ( <i>Manihot esculenta Crantz</i> ) trong khẩu phần lên tăng khối lượng và sinh khí mêtan trên bò lai Sind.	Tạp chí Khoa học Kỹ thuật Chăn nuôi, Hội Chăn nuôi.	2015	ISSN 1859-476X



2	Trương Văn Hiếu, Nguyễn Thị Kim Quyên, Hồ Quảng Đồ và <b>Dương Nguyên Khang</b>	Ảnh hưởng của ngọn lá khoai mì khô ( <i>Manihot esculenta Crantz</i> ) trong khẩu phần lên tỉ lệ tiêu hóa và sinh khí mêtan trên bò lai Sind.	Tạp chí Khoa học Trường Đại học Trà Vinh.	2015	ISSN: 1859- 4816
3	<b>Duong Nguyen Khang,</b> Nguyen Huu Cuong, Pham Cong Thieu and Chu Manh Thang	Effect of substrate supplementation in siliage on methane reduction of rumen fluid using <i>in vitro</i> method.	Journal of Animal Science and Technology, Viện Chăn nuôi	2015	ISSN: 1859 0802
4	Trương Văn Hiếu, Hồ Quảng Đồ, <b>Dương Nguyên Khang</b>	Khảo sát tỉ lệ tiêu hóa và sinh khí mê tan trên một số thức ăn cho bò bằng kỹ thuật <i>in vitro</i> sinh khí.	Kỷ yếu Hội nghị Khoa học Toàn Quốc Chăn nuôi – Thú y. Trường ĐH Cần Thơ.	2015	ISBN 978- 604-60- 2019-6
5	Phạm Ngọc Duy, Võ Thị Trà An, T R Preston, <b>Dương Nguyên Khang</b>	Ảnh hưởng của bột lá khoai mì đến sinh khí methane và tăng trọng của bò thịt.	Tạp chí Khoa học Kỹ thuật Nông Lâm Ngh nghiệp.	2016	ISSN: 1859- 1523
6	<b>Dương Nguyên Khang</b> và Trương Văn Hiếu	Ảnh hưởng thay thế khô dầu dừa bằng ngọn lá mì khô ( <i>Manihot esculenta Crantz</i> ) lên tăng khối lượng và sinh mê tan trên bò cái Lai Sind.	Tạp chí Khoa học Trường Đại học Cần Thơ.	2016	ISSN 1859- 2333
7	Nguyễn Thị Thu Hồng, Chu Mạnh Thắng và <b>Dương Nguyên Khang</b>	Ảnh hưởng của Mai Dương ( <i>Mimosa pigra</i> ) đến tiêu hóa và sinh khí methane của dê giai đoạn sinh trưởng được ăn khẩu phần cơ bản cỏ Lông tây.	Tạp chí Khoa học Công nghệ Chăn nuôi, Viện Chăn nuôi	2016	ISSN: 1859 0802
8	Nguyễn Thị Thu Hồng, Chu Mạnh Thắng và <b>Dương Nguyên Khang</b>	Ảnh hưởng của cây Mai Dương ( <i>Mimosa pigra</i> ) đến tiêu hóa và sinh khí methane của dê giai đoạn sinh trưởng được ăn khẩu phần cơ bản rau Muống.	Tạp chí Khoa học Công nghệ Chăn nuôi, Viện Chăn nuôi.	2016	ISSN: 1859 0802
9	<b>Dương Nguyên Khang,</b> Nguyễn Hoàng Thịnh và Chu Mạnh Thắng	Ảnh hưởng của bổ sung calcium nitrate, dầu dừa và tanin đến sinh khí methane và một số chỉ tiêu dịch dạ cỏ trong điều kiện <i>in vitro</i> .	Tạp chí Khoa học Công nghệ Chăn nuôi, Viện Chăn nuôi.	2016	ISSN: 1859 0802
10	<b>Duong Nguyen Khang</b>	Usage of probiotics in milk replacer on calf growing from newborn to 120 days of age.	Journal of Agricultural Science and Technology, Đại học Nông lâm.	2016	ISSN: 1859- 1523

11	Lâm Minh Khánh, Hồ Quảng Đồ, <b>Dương Nguyên Khang</b> và Chu Mạnh Thắng	Ảnh hưởng của mức năng lượng ăn vào đến tăng trọng và phát thải mê tan trên bò Lai Sind trong giai đoạn tăng trưởng.	Tạp chí Khoa học Công nghệ Chăn nuôi, Viện Chăn nuôi.	2016	ISSN: 1859 0802
12	<b>Dương Nguyên Khang</b> , Trương Thanh Cảnh, Ngô Đình Tân, Lê Văn Thực và Chu Mạnh Thắng	Phát thải mê tan của bò sữa ăn khẩu phần phổ biến hiện tại ở Miền Nam, Việt Nam.	Tạp chí Khoa học Công nghệ Chăn nuôi, Viện Chăn nuôi.	2016	ISSN: 1859 0802
13	Dương Duy Cường, <b>Dương Nguyên Khang</b> và Chu Mạnh Thắng	Ảnh hưởng của mức thức ăn tinh trong khẩu phần đến tăng khối lượng và sinh khí mê tan trên bò Lai Sind giai đoạn tăng trưởng.	Tạp chí Khoa học Công nghệ Chăn nuôi, Viện Chăn nuôi.	2016	ISSN: 1859 0802
14	Chu Mạnh Thắng, Lâm Minh Khanh, Nguyễn Hữu Cường and <b>Dương Nguyên Khang</b>	Effects of forage, seasonal and harvesting time on <i>in vitro</i> methane production and microbial population.	Journal of Animal Science and Technology, Viện Chăn nuôi.	2016	ISSN: 1859 0802
15	<b>Dương Nguyên Khang</b> , Nguyễn Thanh Nhan, Nguyễn Hữu Cường and Chu Mạnh Thắng	Effects of forage silage and concentrate feeds on <i>in vitro</i> methane production and microbial population.	Journal of Animal Science and Technology, Viện Chăn nuôi.	2016	ISSN: 1859 0802
16	<b>Dương Nguyên Khang</b> , Dương Duy Cường, Nguyễn Hữu Cường and Chu Mạnh Thắng	Effects of Napier grass, maize stover silage, stylo, <i>Eucalyptus</i> , <i>Trichantera</i> and cassava forage on <i>in vitro</i> methane production and microbial population.	Journal of Animal Science and Technology, Viện Chăn nuôi.	2016	ISSN: 1859 0802
17	Trần Hiệp, Nguyễn Ngọc Bang, <b>Dương Nguyên Khang</b> , Nguyễn Hữu Cường, Chu Mạnh Thắng	Status methane emissions from beef cattle at some farms in northern Vietnam.	Journal of Agricultural Science and Technology, Đại học Nông lâm.	2016	ISSN: 1859 1523
18	Nguyễn Thị Thu Hồng và <b>Dương Nguyên Khang</b>	Ảnh hưởng của Mai dương ( <i>Mimosa pigra</i> L.) trong khẩu phần lên mức ăn vào và khả năng sinh trưởng của dê thịt.	Tạp chí Khoa học Trường Đại học Cần Thơ.	2017	ISSN: 1859-2333
19	Dương Thị Ngọc Anh and <b>Dương Nguyên Khang</b>	Effect of supplementary cassava foliage and copra meal ( <i>Cocos nucifera</i> ) on growth of Holstein Friesian cattle using cassava pulp ( <i>Manihot esculenta</i> Grant) sprayed with a mixture urea as substrate.	Journal of Animal Husbandry Sciences and Technics (JAHST).	2017	ISSN: 1859-476X



38	Thái Quốc Hiếu, Lê Huỳnh Quang Thông, Nguyễn Huy Vũ, Lê Vĩnh Nguyên Hân và <b>Dương Nguyên Khang</b>	Ảnh hưởng của phân gà trong khẩu phần thức ăn hoàn chỉnh cho ấu trùng ruồi lính đen	Journal of Animal Husbandry Sciences and Technics (JAHST)	2024	ISSN 1859 – 476X, No. 297
39	Nguyễn Hoàng Khang, Nguyễn Văn Lanh, Phạm Chí Thanh, <b>Dương Nguyên Khang</b> và Nguyễn Thị Thương	Tình hình chăn nuôi và tình trạng bệnh viêm móng trên bò thịt tại Huyện Đức Hòa, Tỉnh Long An	Tạp chí Khoa học Đại học Cần Thơ. DOI:10.22144/cujos.2024.275	2024	ISSN 1859-2333 e ISSN 2815-5599

- Quốc tế:

TT	Tác giả	Tên bài báo	Tạp chí	Năm	ISBN
1	L T B Phuong, <b>D N Khang</b> and T R Preston	Methane production in an <i>in vitro</i> fermentation of cassava pulp with urea was reduced by supplementation with leaves from bitter, as opposed to sweet, varieties of cassava.	Livestock Research for Rural Development.	2015	ISSN 0121-3784. Scopus, SJR (2018): 0,29
2	Sangkhom Inthapanya, T R Preston and <b>Duong Nguyen Khang</b>	Methane production was reduced when cassava root ( <i>Manihot esculenta</i> , Crant) was ensiled rather than dried, and when cassava leaves replaced water spinach ( <i>Ipomoea aquatic</i> ) as the protein source, in an <i>in vitro</i> rumen fermentation.	Livestock Research for Rural Development.	2015	ISSN 0121-3784. Scopus, SJR (2018): 0,29
3	Do DT, Park C, Choi K, Jeong J, Nguyen TT, <b>Nguyen KD</b> , Vo DT, Chae C.	Comparison of two genetically distant type 2 porcine eproductive and respiratory syndrome virus (PRRSV) modified live vaccines against Vietnamese highly pathogenic PRRSV.	Veterinary microbiology	2015	ISSN: 03781135 IP: 2.51
4	Nguyen Minh Triet, <b>Duong Nguyen Khang</b> and T R Preston	Methane production from <i>in vitro</i> biodigesters was greater in a “plug-flow” than in a “dome” configuration.	Livestock Research for Rural Development.	2016	ISSN 0121-3784. Scopus, SJR (2018): 0,29
5	Nguyen Van Lanh, Nguyen Huy Bich, Bui Ngoc Hung, <b>Duong Nguyen Khang</b> and TR Preston	Effect of the air-flow on the production of syngas, tar and biochar using rice husk and sawdust as feedstock in an updraft gasifier stove.	Livestock Research for Rural Development.	2016	ISSN 0121-3784. Scopus, SJR (2018): 0,29

6	Nguyen Thanh Duy, <b>Duong Nguyen Khang</b> and T R Preston	Effect of replacing Elephant grass ( <i>Pennisetum purpureum</i> ) with cassava ( <i>Manihot esculenta</i> Cranz) pulp on methane production in an <i>in vitro</i> rumen fermentation.	Livestock Research for Rural Development.	2016	ISSN 0121-3784. Scopus, SJR (2018): 0,29
7	Nguyen Thanh Duy and <b>Duong Nguyen Khang</b>	Effect of coconut ( <i>Cocos nucifera</i> ) meal on growth and rumen methane production of Sindhi cattle fed cassava ( <i>Manihot esculenta</i> , Crantz) pulp and Elephant grass ( <i>Pennisetum purpureum</i> ).	Livestock Research for Rural Development.	2016	ISSN 0121-3784. Scopus, SJR (2018): 0,29
8	Nguyen Minh Triet, <b>Duong Nguyen Khang</b> and T R Preston	Improving the buffering capacity of biodigesters charged with cassava waste-water.	Livestock Research for Rural Development.	2017	ISSN 0121-3784. Scopus, SJR (2018): 0,29
9	Phuong Le Thi Binh, T R Preston, <b>Duong Nguyen Khang</b> and R A Leng	A low concentration (4% in diet dry matter) of brewers' grains improves the growth rate and reduces thiocyanate excretion of cattle fed cassava pulp-urea and "bitter" cassava foliage.	Livestock Research for Rural Development.	2017	ISSN 0121-3784. Scopus, SJR (2018): 0,29
10	Nguyen Thi Thu Hong, Nguyen Thi Ngoc Trang, <b>Duong Nguyen Khang</b> and T R Preston	Supplementing water spinach ( <i>Ipomoea aquatica</i> ) with foliage of <i>Mimosa pigra</i> or <i>Leucaena leucocephala</i> and coconut oil; effects on N retention and enteric methane emissions in growing goats.	Livestock Research for Rural Development.	2018	ISSN 0121-3784. Scopus, SJR (2018): 0,29
11	<b>Duong Nguyen Khang</b> , Dang Thi Ngoc Anh and T R Preston	Growth rate of Holstein-Friesian cattle was increased, and eructed methane was reduced, when a basal diet of cassava pulp-urea was supplemented with cassava foliage and coconut cake	Livestock Research for Rural Development.	2019	ISSN 0121-3784. Scopus, SJR (2018): 0,29
12	<b>Duong Nguyen Khang</b> , Dang Thi Ngoc Anh and T R Preston	Effect of cassava leaf meal and coconut cake on methane production in an <i>in vitro</i> incubation using cassava root pulp and urea as substrate	Livestock Research for Rural Development.	2019	ISSN 0121-3784. Scopus, SJR (2018): 0,29



18	Nguyen Minh Quoc, Diep Tan Toan, Le Thuy Binh Phuong and <b>Duong Nguyen Khang</b>	Study on growth performance and feed intake of fattening crossbred cattle based on total mixed ration for feed formulation tool application to meet better production	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291
19	Ba Thanh Huy, Dang Hoang Dao, Huynh Vu Duy Khang, Le Thuy Binh Phuong and <b>Duong Nguyen Khang</b>	Investigation of growth performance and feed intake of cross-bred calves between Sindhi and BBB, Charolaise, Wagyu or Brahman	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291
20	Nguyen Van Nghia, Dang Hoang Dao, Le Duc Ngoc, Huynh Vu Duy Khang and <b>Duong Nguyen Khang</b>	Investigation of growth performance and feed intake of cross-bred calves between Sindhi and BBB, Charolaise, Wagyu or Brahman	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291
21	Dang Thi Ngoc Anh, Nguyen Kien Cuong, Do Tan Duong, Bui Thi Tra Mi, Dang Thi Ngoc Anh and <b>Duong Nguyen Khang</b>	Reproductive performance and animal welfare assessment in sows and piglets by farm size	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291
22	Le Phap Luat, Dang Hoang Dao, Le Viet Bao, Howard Huang, Pradeep Padmaja Jayaprasad and <b>Duong Nguyen Khang</b>	Effect of brewers yeast on growth performance of Sindhi crossbred cattle fed barleydust by-product.	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291
23	Nguyen Huu Hoa, Van Hoai Thinh, Dang Hoang Dao, Le Huynh Quang Thong and <b>Duong Nguyen Khang</b>	Study on growth performance of Black soldier fly larvae fed household food wastes	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291
24	Vu Thu Giang, Phan Thi Lieu, Le Huynh Quang Thong, Do Duc Luc and <b>Duong Nguyen Khang</b>	Effect of soya bean waste and cooked broken rice in diets on growth performance of Black soldier fly larvae	Journal of Animal Husbandry Sciences and Technics (JAHST)	2023	ISSN 1859 – 476X, No. 291

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

a) Tổng số công trình khoa học khác:

- Tổng số có: ..... sáng chế, giải pháp hữu ích
- Tổng số có: ..... tác phẩm nghệ thuật
- Tổng số có: ..... 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):

.....

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

a) Tổng số: 03 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):

T T	Họ tên NCS	Đề tài luận án	Cơ sở đào tạo	Năm đã bảo vệ	Vai trò hướng dẫn chính
1	Ky Channarith	Tăng cường năng lực xử lý nước thải sản xuất khí sinh học và nâng cao giá trị sử dụng chất thải sau biogas tại các cơ sở chăn nuôi gia súc	Viện Hàn lâm Hoàng gia Campuchia	2014	X
2	Trương Văn Hiếu	Ảnh hưởng ngọn lá khoai mì ( <i>Manihot esculenta Crantz</i> ) trong khẩu phần đến sinh trưởng và sinh khí mêtan ở bò thịt lai Sind	Đại học Cần thơ	2016	X
3	Nguyễn Thị Thu Hồng	Nghiên cứu sử dụng cây Mai dương ( <i>Mimosa pigra</i> L.) trong chăn nuôi dê thịt	Đại học Cần thơ	2017	X

### 3. Các thông tin khác

#### 3.1. Danh mục các công trình khoa học chính trong cả quá trình:

1. An Xuan Bui, Hieu Trong Luu, **Khang Nguyen Duong** and T R Preston. 1992. Effect of position in the tree and pretreatment of *Acacia mangium* leaves on rumen dry matter and nitrogen degradabilities. *Livestock Research for Rural Development*, 4 (2): 1-6.
2. Bui Xuan An, Ngo Van Man, **Duong Nguyen Khang**, Nguyen Duc Anh and T R Preston. 1994. Installation and performance of low-cost polyethylene tube biodigesters on small-scale farms in Vietnam. *Proceedings of National seminar – workshop “Sustainable livestock Production on Local Feed Resources”*. University of Agriculture and Forestry, Ho Chi Minh City, Viet Nam, November 22-27, 1993. Agricultural Publishing House of Ho Chi Minh, 81-90.



3. **Duong Nguyen Khang** and Bui Xuan An. 1994. Effect on in sacco dry matter degradability and microbial population in the rumen of ensiling leaves from five leguminous tree with molasses or acetic acid and of adding leaves of *Enterolobium cyclocarpum* to the rice straw diet of the host animal. Proceedings of National seminar – workshop “Sustainable livestock Production on Local Feed Resources”. University of Agriculture and Forestry, HCMC, Viet Nam, November 22-27, 1993. Agricultural Publishing House of HCMC, 56-60.
4. Bui Cach Tuyen, Bui Xuan An and **Duong Nguyen Khang**. 1998. Improvements in the production process of biogas incubation bags to treat livestock wastewater and biogas production. Journal of Agriculture and Forestry Science and Technology, Nong Lam University, HCM City, 3: 180-182. (In Viet).
5. **Duong Nguyen Khang**, Ngo Van Man and Hans Wiktorsson. 2000. Substitution of cotton seed meal with cassava leaf meal in Napier grass (*Pennisetum purpureum*) diets for dairy cows. Proceedings of National seminar – workshop “Sustainable livestock Production on Local Feed Resources”. University of Agriculture and Forestry, HCM City, Viet Nam, January 18-20, 2000, 44-49.
6. **Duong Nguyen Khang** and Hans Wiktorsson. 2000. Effects of Cassava Leaf Meal on the Rumen Environment of Local Yellow Cattle Fed Urea-Treated Paddy Straw. Asian-Australian Journal of Animal Science, 13 (8): 1102-1108.
7. **Duong Nguyen Khang** and Hans Wiktorsson. 2000. Effect of cassava leaves in urea treated rice straw diet on cattle rumen environment. Journal of Agriculture and Forestry Science and Technology, Nong Lam University, City. HCM, 3: 158-162.
8. Le Thanh Phung, Duong Thanh Liem and **Duong Nguyen Khang**. 2000. Survey of hematological indicators in CV super meat ducks raised on diets with different levels of aflatoxin. Journal of Agriculture and Forestry Science and Technology, Nong Lam University, City. HCM, 3: 143-146. (In Viet).
9. **Duong Nguyen Khang** and Le Minh Tuan. 2002. Transferring the low cost plastic film biodigester technology to farmers. Proceedings of International Workshop “Research and Development on Use of Biodigesters in SE Asia region”. University of Agriculture and Forestry, HCM City, Viet Nam, March 10-11, 2002, 56-62.
10. **Duong Nguyen Khang**, Le Minh Tuan and T R Preston. 2002. The effect of fibre level in feedstock, loading rate and retention time on the rate of biogas production in plug-flow and liquid displacement biodigesters. Proceedings of International Workshop “Research and Development on Use of Biodigesters in SE Asia region”. University of Agriculture and Forestry, HCM City, Viet Nam, March 10-11, 2002, 16-20.
11. **Duong Nguyen Khang** and Hans Wiktorson. 2004. Effect of Fresh Cassava Tops on Rumen Environment Parameters, Thyroid Gland Hormones and Liver Enzymes of Local Yellow Cattle Fed Urea-treated Fresh Rice Straw. Tropical Animal Health and Production, 36: 751-762.
12. **Duong Nguyen Khang** and Hans Wiktorsson. 2004. Effects of Ensiled Cassava Tops on Rumen Environment Parameters, Thyroid Gland Hormones and Liver Enzymes of Cows Fed Urea-treated Fresh Rice Straw. Asian-Australian Journal of Animal Science, 17 (7): 936-941.
13. **Duong Nguyen Khang**. 2005. Performance of growing heifers fed high intakes of fresh or ensiled cassava residues from starch processing supplemented with or without dried cassava foliage. Proceedings of Regional Seminar Workshop “Sustainable Livestock based Agriculture in the Lower Mekong Basin”. Cantho University, Viet Nam, May 23-25, 2005, 146-151.
14. **Duong Nguyen Khang** and T R Preston. 2005. Effect of association with *Flemingia* (*Flemingia macrophylla*) on chemical composition of cassava foliage, total yield of foliage



- and yield of cassava roots. Proceedings of Regional Seminar Workshop “Sustainable Livestock based Agriculture in the Lower Mekong Basin”. Cantho University, Viet Nam, May 23-25, 2005, 55-60.
15. **Duong Nguyen Khang** and T R Preston. 2005. Effect of effluent from low-cost plastic film biodigester on yield and chemical composition of cassava foliage and tuber yield. Proceedings of Regional Seminar Workshop “Sustainable Livestock based Agriculture in the Lower Mekong Basin”. Cantho University, Viet Nam, May 23-25, 2005, 48-54.
  16. **Duong Nguyen Khang**, Hans Wiktorsson and T R Preston. 2005. Yield and Chemical Composition of Cassava Foliage and Tuber Yield as Influenced by Harvesting Height and Cutting Interval. Asian-Australian Journal of Animal Science, 18 (7): 1029–1035.
  17. San Thy, P Buntha, T Vanvuth, T R Preston, **Duong Nguyen Khang**, Soukanh, Boualong Phouthone, Choke Mikled and N Sopharoek. 2005. Effect of length: diameter ratio in polyethylene biodigesters on gas production and effluent composition. Livestock Research for Rural Development, 17 (11).
  18. Le Huu Khuong and **Duong Nguyen Khang**. 2005. Effect of fresh cassava foliage on growth and faecal nematode egg counts in Sindhi x Yellow cattle fed urea-treated rice straw basal diet. Proceedings of Regional Seminar Workshop “Sustainable Livestock based Agriculture in the Lower Mekong Basin”. Cantho University, Viet Nam, May 23-25, 2005, 125-131.
  19. **Duong Nguyen Khang** and Hans Wiktorsson. 2006. Performance of growing heifers fed urea treated fresh rice straw supplemented with fresh, ensiled or pelleted cassava foliage. Livestock Science, 102: 130-139.
  20. **Duong Nguyen Khang**. 2007. Effects of “Mixed diet” and temperature-humidity index on milk production and physiology parameters of dairy cattle. Proceedings of Regional Conference “Matching Livestock Systems with Available Resources”. Ha Long Bay, Viet Nam, November 25-28, 2007, 205-210.
  21. **Duong Nguyen Khang**, Chhay Ty, Soukarn Koennouchanh and T R Preston. 2007. Effect of effluent recycling on gas production in polyethylene biodigesters. Proceedings of Regional Conference “Matching Livestock Systems with Available Resources”. Ha Long Bay, Viet Nam, November 25-28, 2007, 399-406.
  22. Nguyen Kien Cuong, **Duong Nguyen Khang** and T R Preston. 2008. Digestibility and growth in rabbits fed a basal diet of sweet potato vines replaced with cassava foliage meal. International Workshop “Organic rabbit farming based on forages”. Cantho University, Viet Nam, November 25-27, 2008.
  23. **Duong Nguyen Khang**. 2009. Current status and development trends of biogas technology in Vietnam. Scientific conference, Faculty of Animal Husbandry and Veterinary Medicine, 2008. Journal of Agriculture and Forestry Science and Technology, Nong Lam University, City. HCM, (February 2009): 76-82. (In Viet).
  24. Truong Van Hieu, Ho Quang Do and **Duong Nguyen Khang**. 2014. Effects of cassava leaf (*Manihot esculenta* Crantz) in the diet on digestibility and methane production in Sindhi cattle. Can Tho University Science Magazine, Topical number: 138-144. (In Viet).
  25. Sangkhom Inthapanya, **Duong Nguyen Khang** R A Leng and T R Preston. 2011. Effect of potassium nitrate as modifier of the fermentation in an in vitro incubation using as substrate NaOH and/or lime treated straw supplemented with fresh cassava leaves. Livestock Research for Rural Development, 23 (10).
  26. Sitone Kongvongxay, T R Preston, R A Leng and **Duong Nguyen Khang**. 2011. Effect of a tannin-rich foliage (*Mimosa pigra*) on feed intake, digestibility, N retention and



- methane production in goats fed a basal diet of *Muntingia calabura*. *Livestock Research for Rural Development*, 23 (3).
27. N N Anh, K T Hue, **D N Khang** and T R Preston. 2012. Effect of calcium nitrate on growth and methane production in sheep. *Journal of Animal Science and Technology*, 38 (10): 53-59.
  28. Sangkhom Inthapanya, T R Preston, **Duong Nguyen Khang** and R A Leng. 2012. Effect of potassium nitrate and urea as fermentable nitrogen sources on growth performance and methane emissions in local "Yellow" cattle fed lime (Ca(OH)<sub>2</sub>) treated rice straw supplemented with fresh cassava foliage. *Livestock Research for Rural Development*, 24 (2).
  29. Sangkhom Inthapanya, T R Preston, **Duong Nguyen Khang** and R A Leng. 2012. Effect of method of processing of cassava leaves on protein solubility and methane production in an in vitro incubation using cassava root as source of energy. *Livestock Research for Rural Development*, 24 (2).
  30. P T Luyen, **D N Khang** and T R Preston. 2012. Effects of biochar from gasifier stove and effluent from biodigester on growth of maize in acid and fertile soils. *Livestock Research for Rural Development*, 24 (5).
  31. Lê Thuy Binh Phuong, **Duong Nguyen Khang**, T R Preston and R A Leng. 2012. Mitigating methane emissions from ruminants; comparison of three nitrate salts as sources of NPN (and sinks for hydrogen) in an in vitro system using molasses and cassava leaf meal as substrates. *Livestock Research for Rural Development*, 24 (1).
  32. Lê Thuy Binh Phuong, **Duong Nguyen Khang**, T R Preston and R A Leng. 2012. Mitigating methane production from ruminants; Effect of supplementary sulphate and nitrate on methane production in an in vitro incubation using molasses and cassava leaf meal as substrate. *Livestock Research for Rural Development*, 24 (1).
  33. L T B Phuong, **D N Khang** and T R Preston. 2012. Effect of NPN source, level of added sulphur and source of cassava leaves on growth performance and methane emissions in cattle fed a basal diet of molasses. *Livestock Research for Rural Development*, 24 (4).
  34. Cheat Sophal, **Duong Nguyen Khang**, T R Preston and R A Leng. 2013. Nitrate replacing urea as a fermentable N source decreases enteric methane production and increases the efficiency of feed utilization in Yellow cattle. *Livestock Research for Rural Development*, 25 (7).
  35. Phan Thi Thu Hien, T R Preston, Vo Lam and **Duong Nguyen Khang**. 2014. Vegetable waste supplemented with human or animal excreta as substrate for biogas production. *Livestock Research for Rural Development*, 26 (10).
  36. Truong Van Hieu, Ho Quang Do, Nguyen Thi Kim Quyen and **Duong Nguyen Khang**. 2015. Effect of cassava leaf tops (*Manihot esculenta* Crantz) in the diet on weight gain and methane production in Sindhi cattle. *Journal of Animal Science and Technology* (4): 84-90. (In Viet).
  37. Do DT, Park C, Choi K, Jeong J, Nguyen TT, **Nguyen KD**, Vo DT, Chae C. 2015. Comparison of two genetically distant type 2 porcine reproductive and respiratory syndrome virus (PRRSV) modified live vaccines against Vietnamese highly pathogenic PRRSV. *Veterinary microbiology*, 179 (3-4): 233-241.
  38. Truong Van Hieu, Ho Quang Do, **Duong Nguyen Khang**. 2015. Survey on digestibility and methane production of cattle feedstuff by using *in vitro* gas production technique. *Proceedings of the National Scientific Conference on Animal Husbandry and Veterinary Medicine*. Can Tho University, 394-399. (In Viet).
  39. Truong Van Hieu, Nguyen Thi Kim Quyen, Ho Quang Do and **Duong Nguyen Khang**. 2015. Effect of dried cassava leaf (*Manihot esculenta* Crantz) in the diet on



- digestibility and methane production in Sindhi cattle. Tra Vinh University Science Magazine, (17): 10-15. (In Viet).
40. Sangkhom Inthapanya, T R Preston and **Duong Nguyen Khang**. 2015. Methane production was reduced when cassava root (*Manihot esculenta*, Crant) was ensiled rather than dried, and when cassava leaves replaced water spinach (*Ipomoea aquatic*) as the protein source, in an in vitro rumen fermentation. Livestock Research for Rural Development, 27 (9).
  41. **Duong Nguyen Khang**, Nguyen Huu Cuong, Pham Cong Thieu and Chu Manh Thang. 2015. Effect of substrate supplementation in siliage on methane mitigation of rumen fluid by using *in vitro* method. Journal of Animal Science and Technology, 58: 2-10.
  42. L T B Phuong, **D N Khang** and T R Preston. 2015. Methane production in an in vitro fermentation of cassava pulp with urea was reduced by supplementation with leaves from bitter, as opposed to sweet, varieties of cassava. Livestock Research for Rural Development, 27 (8).
  43. Nguyen Van Lanh, Nguyen Huy Bich, Bui Ngoc Hung, **Duong Nguyen Khang** and TR Preston. 2016. Effect of the air-flow on the production of syngas, tar and biochar using rice husk and sawdust as feedstock in an updraft gasifier stove. Livestock Research for Rural Development, 28 (5).
  44. Nguyen Minh Triet, **Duong Nguyen Khang** and T R Preston. 2016. Methane production from in vitro biodigesters was greater in a “plug-flow” than in a “dome” configuration. Livestock Research for Rural Development, 28 (3).
  45. Duong Duy Cuong, **Duong Nguyen Khang** and Chu Manh Thang. 2016. Effect of concentrate feed level in the diet on weight gain and methane production of Sindhi cattle. Journal of Animal Science and Technology, 68: 35-42. (In Viet).
  46. Pham Ngoc Duy, Vo Thi Tra An, T R Preston, **Duong Nguyen Khang**. 2016. Effects of cassava leaf powder on methane production and weight gain of beef cattle. Journal of Agricultural and Forestry Science and Technology, (1): 1-7. (In Viet).
  47. Nguyen Thanh Duy and **Duong Nguyen Khang**. 2016. Effect of coconut (*Cocos nucifera*) meal on growth and rumen methane production of Sindhi cattle fed cassava (*Manihot esculenta*, Crantz) pulp and Elephant grass (*Pennisetum purpureum*). Livestock Research for Rural Development, 28 (11).
  48. Nguyen Thanh Duy, **Duong Nguyen Khang** and T R Preston. 2016. Effect of replacing Elephant grass (*Pennisetum purpureum*) with cassava (*Manihot esculenta* Cranz) pulp on methane production in an in vitro rumen fermentation. Livestock Research for Rural Development, 28 (11).
  49. Tran Hiep, Nguyen Ngoc Bang, **Duong Nguyen Khang**, Nguyen Huu Cuong, Chu Manh Thang. 2016. Status methane emissions from beef cattle at some farms in northern Vietnam. Journal of Agricultural Science and Technology, 6: 1-11.
  50. Nguyen Thi Thu Hong, Chu Manh Thang and **Duong Nguyen Khang**. 2016. Effects of *Mimosa pigra* on digestion and methane production of growing-stage goats fed a basic diet of *Astragalus grass*. Journal of Animal Science and Technology, 59: 82-91. (In Viet).
  51. Nguyen Thi Thu Hong, Chu Manh Thang and **Duong Nguyen Khang**. 2016. Effects of *Mimosa pigra* on digestion and methane production of growing-stage goats fed a basic diet of *Morning Glory*. Journal of Animal Science and Technology, 59: 92-101. (In Viet).
  52. **Duong Nguyen Khang**. 2016. Usage of probiotics in milk replacer on calf growing from newborn to 120 days of age. Journal of Agricultural Science and Technology, 3: 49-56.



53. **Duong Nguyen Khang**, Truong Thanh Canh, Ngo Dinh Tan, Le Van Thuc and Chu Manh Thang. 2016. Methane emissions of dairy cows fed current common diets in the South of Vietnam. *Journal of Animal Science and Technology*, 67: 69-77. (In Viet).
54. **Duong Nguyen Khang**, Duong Duy Cuong, Nguyen Huu Cuong and Chu Manh Thang. 2016. Effects of Napier grass, maize stover silage, stylo, Eucalyptus, Trichantera and cassava forage on in vitro methane production and microbial population. *Journal of Animal Science and Technology*, 69: 63-71.
55. **Duong Nguyen Khang** and Truong Van Hieu. 2016. Effect of replacing coconut oil meal with dried cassava leaves (*Manihot esculenta* Crantz) on weight gain and methane production in Sindhi female cattle. *Can Tho University Science Magazine, Thematic Issue (2)*: 174-180. (In Viet).
56. **Duong Nguyen Khang**, Nguyen Thanh Nhan, Nguyen Huu Cuong and Chu Manh Thang. 2016. Effects of forage silage and concentrate feeds on in vitro methane production and microbial population. *Journal of Animal Science and Technology*, 69: 55-62.
57. **Duong Nguyen Khang**, Nguyen Hoang Thinh and Chu Manh Thang. 2016. Effects of supplementing calcium nitrate, coconut oil and tannin on methane production and rumen fluid parameters in *in vitro* conditions. *Journal of Animal Science and Technology*, 60: 28-41. (In Viet).
58. Lam Minh Khanh, Ho Quang Do, **Duong Nguyen Khang** and Chu Manh Thang. 2016. Effects of energy intake on weight gain and methane emissions in Sindhi cattle. *Journal of Animal Science and Technology*, 67: 60-68. (In Viet).
59. Chu Manh Thang, Lam Minh Khanh, Nguyen Huu Cuong and **Duong Nguyen Khang**. 2016. Effects of forage, seasonal and harvesting time on in vitro methane production and microbial population. *Journal of Animal Science and Technology*, 69: 45-54.
60. Dang Thi Ngoc Anh and **Duong Nguyen Khang**. 2017. Effect of supplementary cassava foliage and copra meal (*Cocos nucifera*) on growth of Holstein Friesian cattle incubation using cassava pulp (*Manihot esculenta* Grant) sprayed with a mixture urea as substrate. *Journal of Animal Husbandry Sciences and Technics (JAHST)*, 223: 20-24.
61. Nguyen Minh Triet, **Duong Nguyen Khang** and T R Preston. 2017. Improving the buffering capacity of biogas digesters charged with cassava waste-water. *Livestock Research for Rural Development*, 29 (2).
62. Phuong Le Thi Binh, T R Preston, **Duong Nguyen Khang** and R A Leng. 2017. A low concentration (4% in diet dry matter) of brewers' grains improves the growth rate and reduces thiocyanate excretion of cattle fed cassava pulp-urea and "bitter" cassava foliage. *Livestock Research for Rural Development*, 29 (5).
63. Nguyen Thi Thu Hong and **Duong Nguyen Khang**. 2017. Effects of *Mimosa pigra* L. in the diet on feed intake and growth performance of meat goats. *Can Tho University Science Magazine*, 48b: 58-65. (In Viet).
64. Nguyen Thanh Hai, Nguyen Van Chanh, Che Minh Tung, Chu Manh Thang and **Duong Nguyen Khang**. 2018. Assessment of factors affecting on ruminal acid status, lameness and milk yield of dairy herd. *Journal of Animal Science and Technology*, 89: 79-90. (In Viet).
65. Nguyen Thi Thu Hong, Nguyen Thi Ngoc Trang, **Duong Nguyen Khang** and T R Preston. 2018. Supplementing water spinach (*Ipomoea aquatica*) with foliage of *Mimosa pigra* or *Leucaena leucocephala* and coconut oil; effects on N retention and enteric methane emissions in growing goats. *Livestock Research for Rural Development*, 30 (12).
66. Nguyen Thanh Hai, Nguyen Van Chanh and **Duong Nguyen Khang**. 2019. Effects of dietary supplementation of sodium bicarbonate and organic zinc on ruminal pH, milk yield



- and lameness of dairy cows. *Journal of Animal Husbandry Sciences and Technics (JAHST)*, 247: 49-54.
67. Truong Van Hieu, Nguyen Thi Kim Quyen, Nguyen Van Tung Lam and **Duong Nguyen Khang**. 2019. Investigation of reproduction, milk yield and growth of Saanen goat in Tien Giang province, Vietnam. *Journal of Animal Science and Technology*, 96: 26-31.
  68. Nguyen Thi Thu Hong, Nguyen Thi Ngoc Trang and **Duong Nguyen Khang**. 2019. Effects of supplementing tannin-rich shrubs to basal diet of water spinach on growth and meat production of goats. *Journal of Animal Science and Technology*, 96: 32-37.
  69. **Duong Nguyen Khang**, Dang Thi Ngoc Anh and T R Preston. 2019. Effect of cassava leaf meal and coconut cake on methane production in an in vitro incubation using cassava root pulp and urea as substrate. *Livestock Research for Rural Development*, 31 (8).
  70. **Duong Nguyen Khang**, Dang Thi Ngoc Anh and T R Preston. 2019. Growth rate of Holstein-Friesian cattle was increased, and eructed methane was reduced, when a basal diet of cassava pulp-urea was supplemented with cassava foliage and coconut cake. *Livestock Research for Rural Development*, 31 (8).
  71. **Duong Nguyen Khang** and Dang Hoang Dao. 2019. Investigation of effect of hoof trimming on milk yield and quality, treatment of lameness in dairy cow. *Journal of Animal Science and Technology*, 98: 71-76. (In Viet).
  72. **Duong Nguyen Khang**, Do Tan Duong, Dang Thi Ngoc Anh, Anh Tuan Tran, Tran Thi Mai Khanh, Axel Jarchow and Andreas zur Wickern. 2019. Investigation of bioactive peptides supplementation in diet for growth performance of weaning-finishing pig in Vietnam. *Journal of Animal Husbandry Sciences and Technics (JAHST)*, 247: 29-33.
  73. **Duong Nguyen Khang**, Bui Van Hung, Thai Quoc Hieu and Nguyen Thanh Hai. 2019. Growth performance and feed intake of three beef crossbred calves in Tien Giang province. *Journal of Animal Science and Technology*, 246: 23-27. (In Viet).
  74. **Duong Nguyen Khang** and Tran Xuan Lam. 2019. Investigation of effect of roughage-concentrate ratio in diets on dairy lameness prevention. *Journal of Animal Husbandry Sciences and Technics (JAHST)*, 246: 40-43. (In Viet).
  75. **Duong Nguyen Khang** and Tran Xuan Lam. 2019. Investigation of effects of feeding number and total mixed ration on milk yield and quality, lameness detection of dairy cows. *Journal of Animal Science and Technology*, 98: 41-49. (In Viet).
  76. **Duong Nguyen Khang** and Le My Lan. 2019. Replacing of concentrate by copra meal on growth and rumen methane production of Sindhi cattle fed rice straw and cassava pulp. *Journal of Animal Husbandry Sciences and Technics (JAHST)*, 247: 60-65.
  77. **Duong Nguyen Khang**, Nguyen Quoc Trung and Nguyen Thanh Hai. 2019. Growth performance of beef crossbred calves in Ben Tre province. *Journal of Animal Science and Technology*, 98: 33-40. (In Viet).
  78. Dang Thi Ngoc Anh, Nguyen Van Chanh, Tran Van Khai, Do Tan Duong, Cong Hong Hanh, Dang Hoang Dao and **Duong Nguyen Khang**. 2020. Effects of a herbal extract mixture on growth performance and meat quality of fattening pigs. The third international conference on sustainable agriculture and environment.
  79. Le Thuy Binh Phuong, Vo Duy Khanh, Dang Hoang Dao, **Duong Nguyen Khang**. 2020. Fertility and milk yield of Saanen, Bach Thao and F1(Saanen x Bach Thao) goats. *Journal of Animal Husbandry Sciences and Technics*.
  80. Dang Thi Ngoc Anh, Do Tan Duong, Nguyen Van Chanh, Truong Dinh Bao, Bui Thi Tra Mi và **Duong Nguyen Khang**. 2021. The combination of herbal extracts and essential oils contributes to the improvement of the growth performance and blood biochemical



- indicators in fattening pigs. Proceedings of the national veterinary science conference. 2021. Vietnam.
81. Nguyen Ngoc Bang, Nguyen Van Chanh, Nguyen Xuan Trach, **Duong Nguyen Khang**, B.J. Hayes, J.B. Gaughan R.E. Lyons, Nguyen Thanh Hai, D.M. McNeill. 2021. Issues of Feeding Strategy for Lactating Cows in Vietnamese Smallholder Dairy Farms. *Animals* 2021, 11, 729. <https://doi.org/10.3390/ani11030729>.
  82. Nguyen Ngoc Bang, J.B. Gaughan, B.J. Hayes, R.E. Lyons, Nguyen Van Chanh, Nguyen Xuan Trach, **Duong Nguyen Khang**, D.M. McNeill. 2021. Characteristics of Cowsheds in Vietnamese Smallholder Dairy Farms and Their Associations with Microclimate—A Preliminary Study. *Animals*.
  83. Tran Thanh Tuan, Dang Hoang Dao, Le Thuy Binh Phuong and **Duong Nguyen Khang**. A survey on goat farming in small scale households of Ho Chi Minh city, Vietnam. *Journal of Animal Husbandry Sciences and Technics*. 268: 79-82.
  84. Dang Thi Ngoc Anh, Do Tan Duong, Nguyen Van Chanh, Bui Thi Tra Mi, Dang Thi Ngoc Anh, Dang Hoang Dao and **Duong Nguyen Khang**. 2022. Influence of the Combination of Herbal Extracts and Essential Oils on Meat Quality After Slaughter. *Acta scientific veterinary sciences*.
  85. **Duong Nguyen Khang**, Dang Hoang Dao, Tu Phuong Binh, Huynh Vu Duy Khang, Nguyen Ba Khanh Tuong, Trinh Kim Phuong and Croize Paul-Antoine. 2022. Influence of applying the *Bacillus Amyloliquefaciens*, *Pediococcus pentosaceus* and *Pediococcus acidilactici* bacterial strains in controlling ammonia and hydrogen sulphide from poultry, goat and cattle manures, and improving growth performance. *Journal of Animal Husbandry Sciences and Technics*, 279: 38-43.
  86. **Duong Nguyen Khang**. 2022. Application on Black Soldier Fly (*Hermetia illucens*) rearing technology as a tool to improve environment safety, sustainability and rural development in South of Vietnam: Emphasis on aquaculture production. *Journal of Animal Husbandry Sciences and Technics*, 279: 96-100.
  87. Ngoc Tan Nguyen, Minh Thanh Tram, Thi Thu Pham, Tan Loi Le, Thi Khanh Ly Nguyen, Tuan Thanh Hoang, Cong Thieu Pham, **Nguyen Khang Duong**. 2022. Genetic Divergence of Local Goats in Ninh Thuan Province Vietnam. *Advances in Animal and Veterinary Sciences*.
  88. Ngoc Tan Nguyen, Pham Kim Ngan Nguyen, Thao Huong Phan, Tan Loi Le, Thi Khanh Ly Nguyen, Tuan Thanh Hoang, Cong Thieu Pham, Cong Dinh Nguyen, **Nguyen Khang Duong**. 2022. Genetic Diversity of Native Buffalo Populations in Vietnam Based on Mitochondrial D-Loop Nucleotide Sequence. *Advances in Animal and Veterinary Sciences*.
  89. Truong Pham Minh Tam, Vo Phu Qui, Ngo Hong Phuong, Nguyen Van Chanh, Vo Thi Ngoc Ha, Nguyen Thanh Hai and **Duong Nguyen Khang**. 2023. Supplementation of hydroponic rice sprouts in daily diets improves digestibility and growth rate of meat goats under Vietnam climate condition. *Journal of Animal Husbandry Sciences and Technics (JAHST)*. 289: 37-42. (In Viet).
  90. Truong Pham Minh Tam, Vo Phu Qui, Ngo Hong Phuong, Nguyen Van Chanh, Vo Thi Ngoc Ha, Nguyen Thanh Hai and **Duong Nguyen Khang**. 2023. Nutritional values and their potential as feed for ruminant husbandry from two types of cereals planted in hydroponic system. *Journal of Animal Husbandry Sciences and Technics (JAHST)*. 289: 76-82. (In Viet).
  91. Nguyen Minh Quoc, Diep Tan Toan, Le Thuy Binh Phuong and **Duong Nguyen Khang**. 2023. Study on growth performance and feed intake of fattening crossbred cattle based on total mixed ration for feed formulation tool application to meet better production. *Journal of Animal Husbandry Sciences and Technics (JAHST)*. 291: 30-33.



92. Ba Thanh Huy, Dang Hoang Dao, Huynh Vu Duy Khang, Le Thuy Binh Phuong and **Duong Nguyen Khang**. 2023. Investigation of growth performance and feed intake of cross-bred calves between Sindhi and BBB, Charolaise, Wagyu or Brahman. Journal of Animal Husbandry Sciences and Technics (JAHST). 291: 34-39.
93. Nguyen Van Nghia, Dang Hoang Dao, Le Duc Ngoc, Huynh Vu Duy Khang and **Duong Nguyen Khang**. 2023. Investigation of growth performance and feed intake of cross-bred calves between Sindhi and BBB, Charolaise, Wagyu or Brahman. Journal of Animal Husbandry Sciences and Technics (JAHST). 291: 40-45.
94. Dang Thi Ngoc Anh, Nguyen Kien Cuong, Do Tan Duong, Bui Thi Tra Mi, Dang Thi Ngoc Anh and **Duong Nguyen Khang**. 2023. Reproductive performance and animal welfare assessment in sows and piglets by farm size. Journal of Animal Husbandry Sciences and Technics (JAHST). 291: 64-71.
95. Le Phap Luat, Dang Hoang Dao, Le Viet Bao, Howard Huang, Pradeep Padmaja Jayaprasad and **Duong Nguyen Khang**. 2023. Effect of brewers yeast on growth performance of Sindhi crossbred cattle fed barleydust by-product. Journal of Animal Husbandry Sciences and Technics (JAHST). 291: 72-76.
96. Nguyen Huu Hoa, Van Hoai Thinh, Dang Hoang Dao, Le Huynh Quang Thong and **Duong Nguyen Khang**. 2023. Study on growth performance of Black soldier fly larvae fed household food wastes. Journal of Animal Husbandry Sciences and Technics (JAHST). 291: 95-99.
97. Vu Thu Giang, Phan Thi Lieu, Le Huynh Quang Thong, Do Duc Luc and **Duong Nguyen Khang**. 2023. Effect of soya bean waste and cooked broken rice in diets on growth performance of Black soldier fly larvae. Journal of Animal Husbandry Sciences and Technics (JAHST). 291: 100-104.
98. Thai Quoc Hieu, Le Huynh Quang Thong, Nguyen Huy Vu, Le Vinh Nguyen Han and **Duong Nguyen Khang**. 2024. Effect of chicken manure in complete diets for black soldier fly larvae. Journal of Animal Husbandry Sciences and Technics (JAHST). 297: 42-47 (In Viet).
99. Nguyen Hoang Khang, Nguyen Van Linh, Pham Chi Thanh, **Duong Nguyen Khang** and Nguyen Thi Thuong. 2024. Husbandry of beef cattle and evaluation of lameness in cattle farms in Duc Hoa district, Long An province. CTU Journal of Science, 60(2). <https://doi.org/10.22144/ctujos.2024.275>. (In Viet).

### 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):

Google scholar:

<https://scholar.google.com/citations?user=mWGI9JAAAAAJ&hl=vi>

Trích dẫn bởi	XEM TẤT CẢ	
	Tất cả	Từ 2019
Trích dẫn	747	408
h-index	15	8
i10-index	23	7



### 3.4. Ngoại ngữ

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

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

**Xác nhận cơ quan chủ quản**

Thủ trưởng

*Thành phố Hồ Chí Minh, ngày 10 tháng 05 năm 2024*

**NGƯỜI KHAI**  
(Ký và ghi rõ họ tên)



GS.TS Dương Nguyên Khang