

TÓM TẮT LÝ LỊCH KHOA HỌC
ỨNG VIÊN THAM GIA HỘI ĐỒNG GIÁO SƯ CƠ SỞ
TRƯỜNG ĐẠI HỌC ĐÀ LẠT NĂM 2021

1. **Họ và tên:** LÊ NGỌC CHUNG

2. **Năm sinh:** 25 tháng 05 năm 1955

3. **Chức vụ và cơ quan công tác hiện nay:** Giảng viên Khoa Hóa học

4. **Năm được bổ nhiệm Giáo sư (hoặc Phó giáo sư):** PGS 2007

Ngành: Hóa học Chuyên ngành: Hóa phân tích (Phân tích phóng xạ môi trường)

5. **Danh hiệu trong nước và quốc tế:**

6. **Số công trình khoa học đã công bố trên các tạp chí khoa học:**

Trong đó:

- ISI hoặc/và Scopus: (5 năm gần đây: 13)

- 1- **Ngoc Chung Le**, Dinh Van Phuc. *Sorption of lead (II), cobalt (II) and copper ions from aqueous solutions by γ -MnO₂ nanostructure*. Advances in Natural Sciences: Nanoscience and Nanotechnology. 6 (2015) 025014 (8pp). (IF=1,581, 2015).
- 2- Van-Phuc Dinh, **Ngoc-Chung Le**, Thi-Phuong-Tu Nguyen, Thi-Dong-Thuong Hoang, Van Dong Nguyen, Ngoc-Tuan Nguyen. *Zinc adsorption property of gamma – MnO₂ nanostructure: Equilibrium and Kinetic studies*. 2016 IACSIT Seoul Conferences. International Conference on Energy Materials and Applications May 5-7, 2016 in Seoul. **Selected, peer reviewed papers from:** Key Engineering Materials. ISSN: 1662-9795, Vol. 708, p. 3-8. 2016. (Scopus, IF= 0.23).
- 3- Van-Phuc Dinh, **Ngoc-Chung Le**, Thi-Phuong-Tu Nguyen, and Ngoc-Tuan Nguyen. *Synthesis alpha-MnO₂ nanomaterial from a precursor gamma-MnO₂: Characterization and comparative adsorption of Pb(II) and Fe(III)*. Journal of Chemistry (Hindawi Publishing). Volume 2016, Article ID 8285717, 9 pages. <http://dx.doi.org/10.1155/2016/8285717>. (IF=0.996).
- 4- Van Phuc Dinh, **Ngoc Chung Le**, Thi Diem Le, Ngoc Tuan Nguyen. *Comparison of the Adsorption of Fe(III) on Alpha- and Gamma-MnO₂ Nanostructure*. Journal of ELECTRONIC MATERIALS. ISSN 0361-5235. Journal of Elec Materi. DOI 10.1007/s11664-017-5287-1. Springer 2017. (IF= 1.491).
- 5- Dinh Van Phuc, **Le Ngoc Chung**, Nguyen Van Dong, Nguyen Ngoc Tuan. *Adsorption of zinc (II) onto MnO₂/CS composite: equilibrium and kinetic studies*. Desalination and Water Treatment. www.deswater.com. doi: 10.5004/dwt.2017.11432. 58 (2017) 427–434. January. (IF= 0.93).
- 6- Nguyen Cong Nguyen, Shiao-Shing Chen, Su-Thing Ho, Hau Thi Nguyen, Saikat Sinha Ray, Nhat Thien Nguyen, Hung-Te Hsu, **Ngoc Chung Le**, Thi Tinh Tran. *Optimising the recovery of EDTA-2Na draw solution in forward osmosis through direct contact membrane distillation*. Separation and Purification Technology. 2017 Elsevier B.V. All rights reserved (journal homepage: www.elsevier.com/locate/seppur). (IF=3.299).
- 7- Van-Phuc Dinh, **Ngoc-Chung Le**, L. Anh Tuyen, N. Quang Hung, Van-Dong Nguyen, Ngoc-Tuan Nguyen. *Insight into adsorption mechanism of lead(II) from aqueous solution by chitosan loaded MnO₂ nanoparticles*. Materials Chemistry and Physics 207 (2018) 294-302. ISSN 0254-0584. Elsevier BV (IF=2.084).
- 8- Van-Phuc Dinh, **Ngoc-Chung Le**, Ngoc-Tuan Nguyen, Quang-Thien Tran, Van-Dong Nguyen, Anh-Tuyen Luu, N. Quang Hung, Tran Duy Tap, Thien-Hoang Ho. *Determination of cobalt in seawater using neutron activation analysis after preconcentration by adsorption onto γ -MnO₂ nanomaterial*. Journal of Chemistry (Hindawi Publishers), vol. 2018, Article ID 9126491, 8 pages, 2018. doi:10.1155/2018/9126491. (IF=0.996).

- 9- Vinh Ya, Natacha Martin, Kwang-Ho Choo, Yi-Hsuan Chou, Shou-Jen Lee, **Ngoc Chung Le**, Chi-Wang Li. High-pressure electrocoagulation system with periodic air replenishment for efficient dye wastewater treatment: Reaction dynamics and cost evaluation. *Journal of Cleaner Production*. 213 (2019) 1127-1134. (IF = 5.651).
- 10- Nguyen Trong Ngo, Le Xuan Thang, Nguyen Van Phuc, Le Nhu Sieu, Phan Quang Trung, Nguyen Minh Dao, Nguyen Thi Huong Lan, Vo Thi Mong Tham, **Le Ngoc Chung**. Acrylic fibers coated with copper hexacyanoferrate to determine ^{137}Cs activity in coastal seawater of Vietnam. *Journal of Radioanalytical and Nuclear Chemistry*. Volume 326, pages 919–924(2020). <https://doi.org/10.1007/s10967-020-07374-4>. (IF= 1.218).
- 11- Trong Ngo Nguyen, Quang Thien Tran, Van-Phuc Nguyen, Nhu-Sieu Le, Son-Hai Phan, Xuan-Thang Le, Thi-Thu-Hang Vuong, Van-Phu Nguyen, Dinh-Tung Nguyen, Dinh-Khoa Tran, Minh-Dao Nguyen, Quang-Trung Phan, Thi-Mong-Tham Vo, Van-Thang Duong, and **Ngoc-Chung Le**. Activity Concentrations of Sr-90 and Cs-137 in Seawater and Sediment in the Gulf of Tonkin, Vietnam. *Journal of Chemistry*. Volume 2020, Article ID 8752606, 8 pages. <https://doi.org/10.1155/2020/8752606>. (On line). (IF = 1.790).
- 12- Nguyen Cong Nguyen, Hung Cong Duong, Hau Thi Nguyen, Shiao-Shing Chen, Huy Quang Lea, Huu Hao Ngo, Wenshan Guo, Chinh Cong Duong, **Ngoc Chung Le**, Xuan Thanh Bui. Forward osmosis–membrane distillation hybrid system for desalination using mixed trivalent draw solution. *Journal of Membrane Science*. 603 (2020)118029. <https://doi.org/10.1016/j.memsci.2020.118029>.
- 13- Vinh Ya, Natacha Martin, Yi-Hsuan Chou, Shiao-Shing Chen, Kwang-Ho Choo, Vincenzo Naddeo, **Ngoc Chung Le**, Chi-Wang Li. Efficient Cu removal from CuEDTA complex-containing wastewater using electrochemically controlled sacrificial iron anode. *Chemosphere*. 264 (2021) 128573.(On lone). (IF = 5.35). <https://doi.org/10.1016/j.chemosphere.2020.128573>

- Tạp chí chuyên ngành trong nước: (5 năm gần đây: 7)

- 1- Le Ngoc Chung, Dinh Van Phuc. *Adsorption of Pb(II), Co(II) and Cu(II) from aqueous solution onto manganese dioxide (γ -MnO₂) nanostructure. I- Synthesis of γ -MnO₂ nanostructure and its adsorption to Pb²⁺, Cu²⁺ and Co²⁺*. Journal of Analytical Sciences. Vol.20, No. 2 (2015), 141-147.
- 2- Le Ngoc Chung, Dinh Van Phuc. *Adsorption of Pb(II), Co(II) and Cu(II) from aqueous solution onto manganese dioxide (γ -MnO₂) nanostructure. II- Equilibrium Isotherm Studies*. Journal of Analytical Sciences. Vol.20, No. 2 (2015), 148-155.
- 3- Le Ngoc Chung, Dinh Van Phuc. *Adsorption of Pb(II), Co(II) and Cu(II) from aqueous solution onto manganese dioxide (γ -MnO₂) nanostructure. III- Kinetics Studies*. Journal of Analytical Sciences. Vol.20, No. 1 (2015), 144-150
- 4- Dinh Van Phuc, Le Ngoc Chung, Nguyen Ngoc Tuan. *Adsorption of Pb²⁺ ions from aqueous solution onto chitosan loaded MnO₂ nanoparticles: Equilibrium isotherm studies*. Journal of Analytical Sciences. Vol.20, No. 4 (2015), 210-217.
- 5- Dinh Van Phuc, Le Ngoc Chung, Pham Nguyen Tram Oanh, Nguyen Ngoc Tuan. *Adsorption and desorption of lead (II) ions from aqueous solution by gamma – MnO₂ nanostructure*. Journal of Analytical Sciences. Vol.20, No. 4 (2015), 351-361.
- 6- Dinh Van Phuc, Le Ngoc Chung, Lai Thi Le Xuan, Nguyen Ngoc Tuan. *Investigation of removal of lead from aqueous solution by gamma-MnO₂ nanomaterial: Non-linear models study*. Journal of Science. Dong Nai University. No.1, 2016, p. 73-78.
- 7- Le Ngoc Chung, Vo Manh Tien. Application of solid phase extraction cleanup with MnO₂ nanomaterial as sorbent for the determination of carbaryl and carbofuran in spinach followed by HPLC/UV. Tạp chí Công Thương - Các kết quả nghiên cứu khoa học và ứng dụng công nghệ, Số 28, tháng 11 năm 2020, p. 170 – 174.

- Proceeding trên các hội nghị Quốc tế: (5 năm gần đây)

- 1- Chung Le Ngoc, Phuc Dinh Van, Tuan Nguyen Ngoc. *Synthesis and characterization of MnO₂ nanoparticles loaded Chitosan and its application in Pb²⁺ adsorption*. Proc. of the Third Intl. Conf. on Advances in Applied Science and Environmental Engineering - ASEE 2015. Copyright © Institute of Research Engineers and Doctors, USA. All rights reserved. ISBN: 978-1-63248-055-2 doi: 10.15224/ 978-1-63248-055-2-06.
- 2- Dinh Van Phuc, Le Ngoc Chung, Truong Dong Phuong, Nguyen Ngoc Tuan. *Application of γ - MnO₂ nanostructure to adsorb Cd²⁺, Co²⁺, Cu²⁺ and Zn²⁺ from aqueous solution*. Conference Proceeding- The International Conference on Analytical Sciences and Application in Environmental Study, Food Safety Control and Medical Diagnosis. Ho Chi Minh. April 15-16 (2015), 114 -121.
- 3- Le Ngoc Chung, Tran Van Thanh Hoai. *Manganese dioxide nanostructure (γ -MnO₂) as solid phase extraction sorbent for the gas chromatographic determination of organophosphorus pesticides in vegetables*. Conference Proceeding- The International Conference on Analytical Sciences and Application in Environmental Study, Food Safety Control and Medical Diagnosis. Ho Chi Minh. April 15-16 (2015), 190 – 195.
- 4- Van Phuc Dinh, Ngoc Chung Le, Ngoc Tuan Nguyen. *MnO₂/Chitosan composite as a new adsorbent for removing of Pb(II) from aqueous solutions: Equilibrium and Kinetic studies*. Proceeding -"23rd Annual International Conference on Composites/Nano Engineering - ICCE-23". Chengdu, China, July 12-18 (2015), p. 147-148.
- 5- Van Phuc Dinh, Ngoc Chung Le, Ngoc Tuan Nguyen. *Adsorption of Zinc (II) onto MnO₂-chitosan composite equilibrium and kinetic studies*. Proceedings-2015 International Engineering Conference and Annual Meeting of the Korean Society of Environmental Engineers (IEEC2015). October 28-30 (2015), BEXCO, Busan, Korea, p. 336-337.
- 6- Chung Le Ngoc, Phuc Dinh Van, Tuan Nguyen Ngoc. *Synthesis and characterization of MnO₂ nanoparticles loaded Chitosan and its application in Pb²⁺ adsorption*. International journal of Chemical Engineering –IJCE. Vol 2. Issue 1. Publication date: 30 October, 2015. p. 58-62.
- 7- Van Phuc Dinh, Ngoc Chung Le, Ngoc Tuan Nguyen. *Removal of copper (II) from aqueous solution by adsorption onto MnO₂ nanostructure: Equilibrium and kinetic studies*. ISBN 978-604-913-088-5. The 4th academic conference on natural science for young scientists, master and PhD. students from Asean countries. 15-18 December 2015, Bangkok, Thailand Proceedings. Publishing House for Science and Technology – 2016, p. 57- 64.
- 8- Van-Phuc Dinh, Ngoc-Chung Le, Van-Dong Nguyen, Ngoc-Tuan Nguyen. *Comparison of the adsorption of Zn (II) on alpha- and gamma- MnO₂ nanostructure*. Conference Proceeding. The 5th analytica Vietnam Conference 2017 (The international conference on analytical science and technology for life quality improvement), page 51-59.
- 9- Van Phuc Dinh, Ngoc Chung Le, Ngoc Tuan Nguyen, Thien Hoang Ho, Van Dong Nguyen. *Comparison of the adsorption of Zn(II) on α - and γ -MnO₂ nanostructures*. Vietnam Journal of Science, Technology and Engineering (*Physical Sciences-Chemistry*). September 2017 | Vol.59 Number 3, page 14-19.

7. Số sáng chế, giải pháp hữu ích:

Trong đó, quốc tế: (5 năm gần đây:)

8. Số sách chuyên khảo và giáo trình đã xuất bản:

Trong đó:

- 5 năm gần đây:

- Do Nhà xuất bản nước ngoài, Nhà xuất bản cấp Quốc gia, Bộ và tương đương xuất bản:

9. Tổng số trích dẫn (nếu có): 125

Chỉ số h_{index} (nếu có): 6

10. Giải thưởng KH&CN quốc tế, quốc gia hoặc tương đương:

11. Bài báo khoa học tiêu biểu (Liệt kê tối đa 10 bài báo tiêu biểu trong cả quá trình, kèm theo chỉ số trích dẫn của bài báo và chỉ số ảnh hưởng của tạp chí, nếu có):

- 1- **Ngoc Chung Le**, Dinh Van Phuc. *Sorption of lead (II), cobalt (II) and copper ions from aqueous solutions by γ -MnO₂ nanostructure*. *Advances in Natural Sciences: Nanoscience and Nanotechnology*. 6 (2015) 025014 (8pp). (IF=1,581, 2015). CITED BY: 10.
- 2- Van-Phuc Dinh, **Ngoc-Chung Le**, Thi-Phuong-Tu Nguyen, and Ngoc-Tuan Nguyen. *Synthesis alpha-MnO₂ nanomaterial from a precursor gamma-MnO₂: Characterization and comparative adsorption of Pb(II) and Fe(III)*. *Journal of Chemistry (Hindawi Publishing)*. Volume 2016, Article ID 8285717, 9 pages. <http://dx.doi.org/10.1155/2016/8285717>. (IF=0.996). CITED BY: 9.
- 3- Van Phuc Dinh, **Ngoc Chung Le**, Thi Diem Le, Ngoc Tuan Nguyen. *Comparison of the Adsorption of Fe(III) on Alpha- and Gamma-MnO₂ Nanostructure*. *Journal of ELECTRONIC MATERIALS*. ISSN 0361-5235. *Journal of Elec. Materi.* DOI 10.1007/s11664-017-5287-1. Springer 2017. (IF= 1.491). CITED BY: 3
- 4- Dinh Van Phuc, **Le Ngoc Chung**, Nguyen Van Dong, Nguyen Ngoc Tuan. *Adsorption of zinc (II) onto MnO₂/CS composite: equilibrium and kinetic studies*. *Desalination and Water Treatment*. www.deswater.com. doi: 10.5004/dwt.2017.11432. 58 (2017) 427–434. January. (IF= 0.93). CITED BY: 1
- 5- Van-Phuc Dinh, **Ngoc-Chung Le**, L. Anh Tuyen, N. Quang Hung, Van-Dong Nguyen, Ngoc-Tuan Nguyen. *Insight into adsorption mechanism of lead(II) from aqueous solution by chitosan loaded MnO₂ nanoparticles*. *Materials Chemistry and Physics* 207 (2018) 294-302. ISSN 0254-0584. Elsevier BV (IF=2.084). CITED BY: 20
- 6- Van-Phuc Dinh, **Ngoc-Chung Le**, Ngoc-Tuan Nguyen, Quang-Thien Tran, Van-Dong Nguyen, Anh-Tuyen Luu, N. Quang Hung, Tran Duy Tap, Thien-Hoang Ho. *Determination of cobalt in seawater using neutron activation analysis after preconcentration by adsorption onto γ -MnO₂ nanomaterial*. *Journal of Chemistry (Hindawi Publishers)*, vol. 2018, Article ID 9126491, 8 pages, 2018. doi:10.1155/2018/9126491. (IF=0.996).
- 7- Nguyen Trong Ngo, Le Xuan Thang, Nguyen Van Phuc, Le Nhu Sieu, Phan Quang Trung, Nguyen Minh Dao, Nguyen Thi Huong Lan, Vo Thi Mong Tham, **Le Ngoc Chung**. Acrylic fibers coated with copper hexacyanoferrate to determine ¹³⁷Cs activity in coastal seawater of Vietnam. *Journal of Radioanalytical and Nuclear Chemistry*. Volume 326, pages 919–924(2020). <https://doi.org/10.1007/s10967-020-07374-4>. (IF= 1.218).
- 8- Trong Ngo Nguyen, Quang Thien Tran, Van-Phuc Nguyen, Nhu-Sieu Le, Son-Hai Phan, Xuan-Thang Le, Thi-Thu-Hang Vuong, Van-Phu Nguyen, Dinh-Tung Nguyen, Dinh-Khoa Tran, Minh-Đào Nguyen, Quang-Trung Phan, Thi-Mong-Tham Vo, Van-Thang Duong, and **Ngoc-Chung Le**. Activity Concentrations of Sr-90 and Cs-137 in Seawater and Sediment in the Gulf of Tonkin, Vietnam. *Journal of Chemistry*. Volume 2020, Article ID 8752606, 8 pages. <https://doi.org/10.1155/2020/8752606>. (On line). (IF = 1.790).

12. Sách chuyên khảo và giáo trình tiêu biểu (Liệt kê tối đa 5 sách và/hoặc giáo trình tiêu biểu trong cả quá trình, kèm theo chỉ số trích dẫn, số lần tái bản, nếu có):

13. Kết quả nghiên cứu khoa học tiêu biểu trong 5 năm gần đây (Liệt kê tối đa 5 công trình khoa học tiêu biểu trong 5 năm gần đây (bài báo khoa học và/hoặc sách chuyên khảo; sáng chế, giải pháp hữu ích; giải thưởng...):

- 1- Ngoc Chung Le, Dinh Van Phuc. *Sorption of lead (II), cobalt (II) and copper ions from aqueous solutions by γ -MnO₂ nanostructure*. *Advances in Natural Sciences: Nanoscience and Nanotechnology*. 6 (2015) 025014 (8pp). (IF=1,581, 2015).
- 2- Chung Le Ngoc, Phuc Dinh Van, Tuan Nguyen Ngoc. *Synthesis and characterization of MnO₂ nanoparticles loaded Chitosan and its application in Pb²⁺ adsorption*. *International journal of Chemical Engineering –IJCE*. Vol 2. Issue 1. Publication date: 30 October, 2015. p. 58-62.
- 3- Dinh Van Phuc, Le Ngoc Chung, Nguyen Van Dong, Nguyen Ngoc Tuan. *Adsorption of zinc (II) onto MnO₂/CS composite: equilibrium and kinetic studies*. *Desalination and Water Treatment*. www.deswater.com. doi: 10.5004/dwt.2017.11432. 58 (2017) 427–434. January. (IF= 0.93).

- 4- Van-Phuc Dinh, Ngoc-Chung Le, L. Anh Tuyen, N. Quang Hung, Van-Dong Nguyen, Ngoc-Tuan Nguyen. *Insight into adsorption mechanism of lead(II) from aqueous solution by chitosan loaded MnO₂ nanoparticles*. Materials Chemistry and Physics 207 (2018) 294-302. ISSN 0254-0584. Elsevier BV (IF=2.084).
- 5- Van-Phuc Dinh, Ngoc-Chung Le, Ngoc-Tuan Nguyen, Quang-Thien Tran, Van-Dong Nguyen, Anh-Tuyen Luu, N. Quang Hung, Tran Duy Tap, Thien-Hoang Ho. *Determination of cobalt in seawater using neutron activation analysis after preconcentration by adsorption onto γ -MnO₂ nanomaterial*. Journal of Chemistry (Hindawi Publishers), vol. 2018, Article ID 9126491, 8 pages, 2018. doi:10.1155/2018/9126491. (IF=0.996).

Quyết định số 629/QĐ-BGDĐT của Bộ Giáo dục và Đào tạo V/v thưởng bài báo được công bố trên tạp chí khoa học quốc tế uy tín trong danh mục ISI, SCI, SCIE năm 2018:

- 1- Van-Phuc Dinh, Ngoc-Chung Le, L. Anh Tuyen, N. Quang Hung, Van-Dong Nguyen, Ngoc-Tuan Nguyen. *Insight into adsorption mechanism of lead(II) from aqueous solution by chitosan loaded MnO₂ nanoparticles*. Materials Chemistry and Physics 207 (2018) 294-302. ISSN 0254-0584. Elsevier BV (IF=2.084).
- 2- Van-Phuc Dinh, Ngoc-Chung Le, Ngoc-Tuan Nguyen, Quang-Thien Tran, Van-Dong Nguyen, Anh-Tuyen Luu, N. Quang Hung, Tran Duy Tap, Thien-Hoang Ho. *Determination of cobalt in seawater using neutron activation analysis after preconcentration by adsorption onto γ -MnO₂ nanomaterial*. Journal of Chemistry (Hindawi Publishers), vol. 2018, Article ID 9126491, 8 pages, 2018. doi:10.1155/2018/9126491. (IF=0.996).

Quyết định số 718/QĐ-BGDĐT của Bộ Giáo dục và Đào tạo (Hà Nội, ngày 11 tháng 3 năm 2020) V/v thưởng bài báo được công bố trên tạp chí khoa học quốc tế uy tín trong danh mục ISI, SCI, SCIE năm 2019:

- 1- Vinh Ya, Natacha Martin, Kwang-Ho Choo, Yi-Hsuan Chou, Shou-Jen Lee, Ngoc Chung Le, Chi-Wang Li. High-pressure electrocoagulation system with periodic air replenishment for efficient dye wastewater treatment: Reaction dynamics and cost evaluation. *Journal of Cleaner Production*. 213 (2019) 1127-1134. (IF = 5.651).

14. Các hoạt động cộng đồng hiện nay (Lãnh đạo các hiệp hội khoa học, kỹ thuật trong nước và quốc tế; Ban biên tập tạp chí khoa học,...):

a- Ban biên tập (Editorial Board) tạp chí “Tạp chí Khoa học Đại học Đà Lạt”.

b- Ban biên tập (Editorial Board) tạp chí “Journal of Applied Science and Engineering” TKJSE (2020), của Tamkang University, Taiwan.

c- Thành viên nhận xét phản biện bài báo (Technical Committees) tại các Hội nghị Quốc tế:

- 1- ICAEM 2016: 2016 International Conference on Energy Materials and Applications. May 5-7, 2016. Seoul, Korea.
- 2- ICAEM 2018: 2018 International Conference on Advanced Energy Materials. January 20-22, 2018. Fukuoka, Japan.
- 3- ICEMA2019: The Technical Committee Member of 2019 4th International Conference on Energy Materials and Applications (ICEMA2019) held in Beijing, China on May 11-13, 2019.
- 4- ICEMA2020: The Technical Committee Member of 2020 5th International Conference on Energy Materials and Applications (ICEMA2020) held in Paris, France on May 6-9, 2020.

Ứng viên
(ký và ghi rõ họ tên)

Lê Ngọc Chung