

**Danh sách các công trình công bố trên tạp chí thuộc hệ thống ISI
Giai đoạn 2010-2014**

TT	Tên bài báo khoa học	Tên tác giả	Tên tạp chí, kỷ yếu	Tập	Số	Trang	Năm công bố
Năm 2010							
1	Design of a new electrogenerated polyquinone film substituted with glutathione. Towards direct electrochemical biosensors	S. Reisberg, D.F. Acevedo, A. Korovitch, B. Piro, V. Noel, I. Buchet, L.D. Tran, C.A. Barbero, M.C. Pham	Talanta	80	3	1318-1325	2010
2	Facile surface modification of nanoprecipitated calcium carbonate by adsorption of sodium stearate in aqueous solution	Hoang Vinh Tran, Lam Dai Tran, Hoang Dinh Vu, Hoang Thai	Colloids and Surfaces A: Physicochemical and Engineering Aspects	366	1-3	95-103	2010
3	Preparation of chitosan/magnetite composite beads and their application for removal of Pb(II) and Ni(II) from aqueous solution	Hoang Vinh Tran, Lam Dai Tran, Thinh Ngoc Nguyen	Materials Science and Engineering C	30	2	304-310	2010
4	Synthesis, characterization, antibacterial and antiproliferative activities of monodisperse chitosan-based silver nanoparticles	Hoang Vinh Tran, Lam Dai Tran, Cham Thi Bac, Hoang Dinh Vu, Thinh Ngoc Nguyen, Dien Gia Pham, Phuc Xuan Nguyen	Colloids and Surfaces A: Physicochemical and Engineering Aspects	360	1-3	32-40	2010
5	Nanosized magnetofluorescent Fe ₃ O ₄ - curcumin conjugate for multimodal	L.D. Tran, N.M.T. Hoang, T.T. Mai, T.P. Ha, H.V. Tran, N.T. Nguyen, D.G.	Colloids and Surfaces A: Physicochemical and Engineering	371	1-3	104-112	2010

	monitoring and drug Targeting	Pham, H.B.T. Phan, T.D. Tran, P.X. Nguyen	Aspects				
6	Multi-wall carbon nanotubes (MWCNTs)-doped polypyrrole DNA biosensor for label-free detection of genetically modified organisms by QCM and EIS	Truong Thi Ngoc Lien, Tran Dai Lam Vu Thi Hong An, Tran Vinh Hoang, Duong Tuan Quang, Dinh Quang Khieu	Talanta	80	3	1164-1169	2010
7	La _{0.7} Ca _{0.3} MnO ₃ perovskite synthesized by reactive milling method: The effect of particle size on the magnetic and electrical properties	D.H. Manh, P.T. Phong, T.D.Thanh, L.V.Hong and N.X. Phuc	Journal of Alloys and Compounds	491		8-12	2010
8	Low-field magnetoresistance of La _{0.7} Ca _{0.3} MnO ₃ perovskite synthesized by reactive milling method	D.H.Manh, P.T.Phong, T.D.Thanh, L.V.Hong and N.X.Phuc	Journal of Alloys and Compounds	499		131-134	2010
9	Electrical and magnetic behaviour of La _{0.7} Ca _{0.3} MnO ₃ /La _{0.7} Sr _{0.2} Ca _{0.1} MnO ₃ composite	P.T.Phong, N.V.Dai, D.H.Manh, T.D. Thanh, N.V.Khiem, L.V.Hong, N.X.Phuc	J. Mag. Magn. Mat.	322	18	2737-2741	2010
10	Observation of mixed-phase behavior in the Mn-doped cobaltite La _{0.7} Sr _{0.3} Co _{1-x} Mn _x O ₃ (x=0-0.5)	L.V. Bau, N.V. Khiem, N.X. Phuc, L.V. Hong, D.N.H. Nam, P. Nordblad	Journal of Magnetism and Magnetic Materials	322	6	753-755	2010
11	Synthesis, structure and properties of emission nanomaterials based on lanthanide oxides and mix oxides.	Le Quoc Minh, Tran Kim Anh, Tamio Endo, Tran Thu Huong, Lam Thi kieu Giang, Le dac Tuyen and Dinh Xuan Loc	Transactions of the Materials Research Society of Japan (ISBN 1851665749)	35	2	417-422	2010
12	Enhancement of luminescence properties of Eu ³⁺ :YVO ₄ in polymeric nanocomposites	D. Hreniak, J. Doskocz, P. Gluchowski, R. Lisiecki,	Journal of	In press		(doi:10.1016/j.jlumi	2010

	upon UV excitation	W. Streck, N. Vu, D.X. Loc, T.K. Anh, M. Bettinelli, A. Speghini	Luminescence			n.2010.10.028)	
13	Comparative photoluminescence study of close-packed and colloidal InP/ZnS quantum dots	Ung Thi Dieu Thuy, Pham Thi Thuy, Nguyen Quang Liem, Liang Li and Peter Reiss	Applied Physics Letters	96		073102	2010
14	Off Resonance Raman Spectroscopy Analysis of the Stacking Disorder and Phase Transition in Wurtzite CdS Ground to Nanoscale Dimensions	Tran Thi Kim Chi, Gwénaél Gouadec, Philippe Colombari, Guillaume Wang, Léo Mazerolles, Marie-Hélène Limagne and Nguyen Quang Liem	J. Raman. Spec.	In press			2010
15	Contribution of Zn to improve the luminescence properties of InP quantumdots	Ung Dieu Thuy, Peter Reiss, Nguyen Quang Liem	Applied Physics Letters	In Press			2010
16	Spin-polarized electroluminescence and spin-dependent photocurrent in hybrid semiconductor/ferromagnetic heterostructures: An asymmetric problem	P. Renucci, V.G.Truong, H. Jaffres, L. Lombez, P.H.Binh, T. Amand, J.M. George, and X. Marie	Physical Review B 82, 195317 (2010)	B82	195317	195317-1/ 195317-10	2010
17	Simulation of thermal dissipation in a μ -processor using carbon nanotubes based composite	Bui Hung Thang, Phan Ngoc Hong, Pham Van Trinh, Nguyen Van Chuc, Ngo Thi Thanh Tam, Phan Hong Khoi, Phan Ngoc Minh	Computational Materials Science	49	4	S302-S306	2010
18	Calculation of the friction coefficient of Cu matrix composite reinforced by carbon	Pham Van Trinh, Tran Bao Trung, Nguyen Ba Thang,	Computational	49	4	S239-	2010

	nanotubes	Bui Hung Thang, Than Xuan Tinh, Le Dinh Quang, Doan Dinh Phuong, Phan Ngoc Minh	Materials Science			S241	
19	Synthesis, characterization and electrochemical properties of 4.8 V LiNi _{0.5} Mn _{1.5} O ₄ cathode material in lithium-ion batteries”	Le Ha Chi, Nguyen Nang Dinh, Sergio Brutti, Bruno Scrosati,	Electrochimica Acta,	55	18	5110.	2010
20	Photoluminescence properties of various CVD-grown ZnO nanostructures	The-Long Phan, S.C. Yu, R. Vincent, N.H. Dan, W.S. Shi	Journal of Luminescence	130		1142–1146	2010
21	Influence of Annealing Temperature on Spin Dynamics of Mn in Metal Oxides: Electron Spin Resonance Study	K. K. Lyu, T. L. Phan, S. C. Yu, S.K.Oh, and N. H. Dan	IEEE Transactions on Magnetism	46	6	2028-2031	2010
22	Influence of Mn doping on structural, optical, and magnetic properties of Zn _{1-x} Mn _x O nanorods	The-Long Phan, S. C. Yu, R. Vincent, H. M. Bui, T. D. Thanh, V. D. Lam, and Y. P. Lee	Journal Of Applied Physics	108		044910 1-7	2010
23	Perfect impedance-matched left-handed behavior in combined metamaterial	N. T. Tung, V. D. Lam, J. W. Park, V. T. Thuy, and Y. P. Lee	Eur. Phys. J. B ,	74	47		2010
24	Triple negative permeability band in plasmon-hybridized cut-wire-pair metamaterials	V.T.T. Thuy, D.T. Viet, N.V. Hieu, Y.P. Lee, V.D. Lam, N.T. Tung	Optics Communications		283	4303–4306	2010
25	Highly dispersive transparency in coupled metamaterials	V T T Thuy, N T Tung, J W Park, V D Lam, Y P Lee, and J Y Rhee	J. Opt.	12		115102	2010

26	Comprehensive effective-medium analysis for the transmission properties of combined metamaterials	N.T. Tung, T.X. Hoai, V.D. Lam, Y.P. Lee	Computational Materials Science	49		284–286	2010
27	Detailed Numerical Study of Cut-wire Pair Structures	N. T. Tung, J. W. Park and Y. P. Lee, V. D. Lam, W. H. Jang	J. Korean Phys. Soc.	56	4	1291-1297	2010
28	Resonant Raman Scattering in ZnO Nanostructures Annealed at Different Temperatures	T. L. Phan, S. C. Yu. V. D. Lam and N. X. Nghia	J. Korean Phys. Soc.	57	6	1569	2010
29	The influences of technological conditions and Au cluster islands on morphology of Ga ₂ O ₃ nanowires grown by VLS method on GaAs substrate; Journal of Materials Science: Material electronics	Khac An Dao, Anh Tuan Phan, Hung Manh Do, Tien Hung Luu, Meiken Falke, M. MacKenzie	J Mater Sci: Mater Electron	In press	DOI 10.1007/s 10854- 010-0115- x		2010
30	Electromagnetic metamaterials: From split-ring resonator to fishnet structure	V. D. Lam, N. T. Tung, and Y. P. Lee	Optical Review ISSN: 1349-9432	16	6	578–582	2009
31	Повышение эффективности мощных диодных лазеров при использовании алмазных теплоотводов.	В.В. Парашук, А.К., Беляева, В.В. Баранов, Е.В. Телеш, Vu Doan Mien, Vu Van Luc, Pham Van Truong.	Квантовая электроника	T.40	№ 4	C.301-304	2010
32	Engineering Parallel and Perpendicular Polarized Photoluminescence from a single semiconductor nanowire by crystal phase control	Thang Ba Hoang, A.F. Moses, L. Ahtapodov, H.L. Zhou, D.L. Dheeraj, A.T.J. van Helvoort, B.O. Fimland, H. Weman	<i>Nano Letters</i> 10			2927-2933	2010

Năm 2011								
33	Detection of Domain-Wall Position and Magnetization Reversal in Nanostructures Using the Magnon Contribution to the Resistivity	V.D.Nguyen, L.Vila, P.Laczkowski, A.Marty, T.Faivre, And J.P.Attane	Physical Review Letters	107		136605	2011	
34	Tetragonal and hexagonal polymorphs of BaTi _{1-x} Fe _x O _{3-δ} multiferroics using x-ray and Raman analyses	Ha M. Nguyen, N. V. Dang, Pei-Yu Chuang, T. D. Thanh, Chih-Wei V. D. Lam, Chih-Hao Lee, and L. V. Hong	Applied Physics Letters ISSN:0003-6951	99		202501	2011	
35	Shell layer dependence of photoblinking in CdSe/ZnSe/ZnS quantum dots	Isnaeni, Kyoo H. Kim, Dinh L. Nguyen, Hanjo Lim, Pham Thu Nga and Yong-Hoon Cho.	Applied Physics Letters ISSN:0003-6951	98	.		2011	
36	Structural, optical and magnetic properties of polycrystalline BaTi _{1-x} Fe _x O ₃ ceramics	N.V.Dang, T.D.Thanh, L.V.Hong, V.D.Lam, and The-Long Phan	Journal of Applied Physics, ISSN: 0021-8979	110		043914	2011	
37	Local structure and paramagnetic properties of Zn _{1-x} Mn _x O	The-Long Phan, P. Zhang, D. S. Yang, N. X. Nghia, S. C. Yu	Journal of Applied Physics, ISSN: 0021-8979	110		063912(1-6)	2011	
37	Hydrocarbons gas sensing of nano-cystalline perovskite oxides LnFeO ₃ (Ln = La, Nd and Sm).	Ho Truong Giang, Ha Thai Duy, Pham Quang Ngan, Giang Hong Thai, Do Thi Anh Thu, Do Thi Thu, Nguyen Ngoc Toan	Sensors and Actuators B	158		246-251	2011	

39	Modified interdigitated arrays by novel poly(1,8-diaminonaphthalene)/carbon nanotubes composite for selective detection of mercury(II)	Dzung Tuan Nguyen, Lam Dai Tran, Huy Le Nguyen, Binh Hai Nguyen, Nguyen Van Hieu	Talanta	85		2445–2450	2011
40	Development of interdigitated arrays coated with functional polyaniline/MWCNT for electrochemical biodetection: Application for human papilloma virus	Lam Dai Tran, Dzung Tuan Nguyen, Binh Hai Nguyen, Quan Phuc Do, Huy Le Nguyen	Talanta	85		1560–1565	2011
41	Design of carboxylated Fe ₃ O ₄ /poly(styrene-co-acrylic acid) ferrofluids with highly efficient magnetic heating effect,	Tai Thien Luong, Thu Phuong Ha, Lam Dai Tran, và cộng sự	Colloids and Surfaces A: Physicochemical and Engineering Aspects,	384		23-30	2011
42	Electrochemically selective determination of dopamine in the presence of ascorbic and uric acids on the surface of the modified Nafion-single wall carbon nanotube-poly(3-methylthiophene) glassy carbon electrodes	Do Phuc Quan, Do Phuc Tuyen, Tran Dai Lam, Phan Thi Ngoc Tram, Nguyen Hai Binh, Pham Hung Viet	Colloids and Surfaces B: Biointerfaces	88		764– 770	2011
43	Size effects and interactions in La _{0.7} Ca _{0.3} MnO ₃ nanoparticles	D.H. Manh, P.T. Phong, T.D. Thanh, D.N.H. Nam, L.V. Hong, and N.X. Phuc	Journal of Alloys and Compounds	509		1373-1377	2011
44	Characterization and electromagnetic response of a ϕ -shaped metamaterial	N. T. Tung, J. W. Park, V. T. T. Thuy, P. Lievens, Y. P. Lee and V. D. Lam	Eur. Phys. J. B	81		263-268	2011
45	Strong tie between cut-wire pair and continuous wire in combined structure metamaterials	J. W. Park, N. T. Tung, V. T. T. Thuy, V. D. Lam, and Y. P. Lee	Opt. Comm.	284		919-924	2011
46	Magnetotransport and magnetic properties of (1-x) La _{0.7} Sr _{0.3+x} Al ₂ O ₃ composite	T.D.Thanh, P.T.Phong, N.V.Dai, D.H.Manh, N.V. Khiem, L.V.Hong, N.X.Phuc	Journal of Magnetism and Magnetic Materials,	323		180-185	2011

47	Preparation and Antitumor-promoting Activity of Curcumin Encapsulated by 1,3- β -Glucan Isolated from Vietnam Medicinal Mushroom <i>Herichium erinaceum</i>	Le Mai Huong, Ha Phuong Thu, Nguyen Thi Bich Thuy, Tran Thi Hong Ha, Ha Thi Minh Thi, Mai Thu Trang, Tran Thi Nhu Hang và cộng sự	Chemistry Letters	40	8	846-848	2011
48	Preparation and Antitumor-promoting Activity of Curcumin Encapsulated by 1,3- β -Glucan Isolated from Vietnam Medicinal Mushroom <i>Herichium erinaceum</i>	Le Mai Huong, Ha Phuong Thu, Nguyen Thi Bich Thuy, Tran Thi Hong Ha, Ha Thi Minh Thi, Mai Thu Trang, Tran Thi Nhu Hang, Do Huu Nghi, Nguyen Xuan Phuc, and Duong Tuan Quang	Chemistry letters	40	8	846-848	2011
49	Magneto-Optical study of opal thin films	Pham Thu Nga, Phan Tien Dung, Hoang Nam Nhat, A. Avoine, C. Schwob, Nguyen Duc Tho;	Transactions on Magnetism	47	ISSN; 0018-9464	2596 – 2599	2011
50	A quantitative analysis of the optical reflection properties of self-assembled opal films	Q.M. Ngo, S. Kim, H. Lim, P. T. Nga, P.T. Linh, N.X. Nghia, F. Rotermond, K. Kim, A. Avoine, A. Maître.	Current Applied Physics	11	1567-1739	643-648	2011
51	Towards the detection of human papillomavirus infection by a reagentless electrochemical peptide biosensor	B. Piro, A. Kapella, V.H. Le, G. Anquetin, Q.D. Zhang, S. Reisberg, V. Noel, L.D. Tran, H.T. Duc, M.C. Pham	Electrochimica Acta	56	28	10688-10693	2011
52	Fluorescence line narrowing spectroscopy of Eu^{3+} in zinc-thallium-tellurite glass	Tuyen, V. P.; Hayakawa, T Nogami, M.; Duclère, J. R; Thomas, P.	Journal of Solid State Chemistry,	183,	11,	p. 2714-2719.	Nov. 2010
53	Enhancement of Luminescence Properties of Eu^{3+} :YVO ₄ in Polymeric Nanocomposites	D. Hreniak, J. Doskocz, P. Gluchowski, R. Lisiecki,	Journal of Luminescence	131	3	473-476	2011

	upon UV Excitation	W. Streck, Nguyen Vu, Dinh Xuan Loc, Tran Kim Anh, M. Bettinelli and A. Speghini	(ISSN 0022-2313)				
54	OSL, RL and TL characterization of rare-earth ion doped K ₂ YF ₅ : Application in dosimetry	J. Marcazzo, E. Cruz-Zaragoza, Vu Xuan Quang, N.M. Khaidukov, M. Santiago	Journal of Luminescence	131		P. 2711–2715	(2011)
55	SrTi _{1-x} Ni _x O ₃ nanoparticles: synthesis and characterisation	Doan Thi Thuy Phuong, Le Van Hong and Nguyen Van Minh	International Journal of Nanotechnology	8	3/4/5	312-323	2011
56	Perovskite nanoparticles synthesized by reactive milling combined with thermal processing: preparation, morphology and structure characterization	Do Hung Manh, Tran Dang Thanh, Nguyen Xuan Phuc, Le Van Hong, Pham Thanh Phong, Luu Tien Hung	International Journal of Nanotechnology	8	3/4/5	241-244	2011
57	Magnetic nanoparticles: study of magnetic heating and adsorption/desorption for biomedical and environmental application	Pham Hoai Linh, Do Hung Manh, Tran Dai Lam, Le Van Hong and Nguyen Xuan Phuc	International Journal of Nanotechnology	8	3/4/5	399-415	2011
58	TiO ₂ /Co nanomaterials: synthesis and properties	Le Van Hong, Ngo Thi Hong Le, Nguyen Chi Thuan, Nguyen Xuan Nghia and Nguyen Xuan Phuc	International Journal of Nanotechnology	8	3/4/5	161-173	2011
59	Effect of reaction temperature and ligand concentration on the shape of CdSe nanocrystals	Nguyen Thi Luyen, Le Ba Hai, Nguyen Xuan Nghia, Pham Thu Nga and Nguyen Thi Thuy Lieu;	International Journal of Nanotechnology	8	3/4/5	214-226	2011
60	Synthesis of vertically aligned carbon nanotubes and diamond films on Cu substrates for high power electronic devices	Nguyen Van Chuc, Ngo Thi Thanh Tam, Nguyen Van Tu, Phan Ngoc Hong, Tran Tien Dat, and Phan Ngoc Minh	International Journal of Nanotechnology	8	3/4/5	188-200	2011

61	Luminescent nanomaterials containing rare earth ions for security printing	Tran Kim Anh, Dinh Xuan Loc, Tran Thu Huong, Nguyen Vu and Le Quoc Minh	International Journal of Nanotechnology	Vol .8	Nos.3/4/5	335	2011
62	Porous silicon as a promising material for photonics	Bui Huy, Pham Van Hoi, Phan Hong Khoi, Nguyen Thuy Van, Do Thuy Chi,	International Journal of Nanotechnology	8	3/4/5	p. 360-370	2011
63	Optical properties of normal and “giant” multishell CdSe quantum dots for potential application in material science	P. T. Nga, V. D. Chinh, V.T. H. Hanh, N. X. Nghia, P.T. Dzung, C. Barthou, Maître	International Journal of Nanotechnology	8	3/4/5	pp. 347-359	2011
64	Microstructure of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Zn}_x\text{O}_3$ nano-perovskites investigated by electron microscopy technique.	Tran Thi Minh Nguyet	International Journal of Nanotechnology.	8	4	p.268-277.	2011
65	Application of the Judd – Ofelt Theory to Dy^{3+} -Doped Fluoroborate/Sulphate Glasses	B. T. Huy, Min-Ho Seo, Jae-Min Lim and Yong-Il Lee_, N. T. Thanh and V. X. Quang, T. T. Hoai and N. A. Hong	Journal of the Korean Physical Society	59	5	p. 3300_3307	Nov 2011
66	In-plane Interactions in Super cells of Cut-wire Pairs	Vu Thanh Thuy, Nguyen Thanh Tung, Jin Woo Park, YoungPak Lee , Vu Dinh Lam and Joo Yull Rhee	Journal of the Korean Physical Society	58		87-93	2011
67	Magnetic Properties and Giant Magnetocaloric Effects on the $\text{NiMn}_{0.9}\text{Sb}_{0.1}$ Compound	Yingde Zhang, Peng Zhang, Kyeongsup Kim and Seong-Cho Yu, N. H. Dan, Xueling Hou	Journal of the Korean Physical Society	57	6	1983-1986	
68	Electrochemical detection of short HIV sequences on chitosan/ Fe_3O_4 nanoparticle based screen printed electrodes	Lam Dai Tran, Binh Hai Nguyen, Nguyen Van Hieu, Hoang Vinh Tran, Huy Le Nguyen, Phuc Xuan Nguyen	Materials Science and Engineering C	31		477 –485	2011

69	Effect of cathodes on high efficiency inorganic-organic hybrid LEDs based on CdSe/ZnS quantum dots	Nguyen Huu Tuan, Ken Ha Koh, Pham Thu Nga, Soonil Lee.	Journal of Crystal Growth	326	ISSN 0022-0248.	109-112	2011
70	Synthesis of individual ultralong carbon nanotubes and transfer to other substrates	Than Xuan Tinh, Nguyen Van Chuc, Vincent Jourdain, Matthieu Paillet, Do-Yoon Kim, Jean-Louis Sauvajol, Ngo Thi Thanh Tam, and Phan Ngoc Minh	Journal of Experimental NanoScience, ISSN 1745-8080 print/ISSN 1745-8099 online	6	5	547-556	2011
71	The influences of technological conditions and Au cluster islands on morphology of Ga ₂ O ₃ nanowires grown by VLS method on GaAs substrate	Khac An Dao, Anh Tuan Phan, Hung Manh Do, Tien Hung Luu, Meiken Falke and M. MacKenzie	Journal of Materials Science: Materials in Electronics	22		204-216	2011
72	Study on fabrication and photoluminescence of SiC nanorods synthesised by carbothermal reduction	Huynh Thi Ha, Dao Tran Cao, Le Quang Huy, Nguyen The Quynh	International Journal of Nanotechnology	8		324-334	2011
Năm 2012							
73	Broadband Negative Permeability by Hybridized Cut-Wire Pair Metamaterials	Nguyen Thanh Tung, Do Thanh Viet, Bui Son Tung, Nguyen Van Hieu, Peter Lievens, and Vu Dinh Lam	<i>Applied Physics Express</i> (ISSN: 1882-0778)	5	11	112001	2012
74	Structural phase separation, optical and magnetic properties of BaTi _{1-x} Mn _x O ₃ multiferroics	N. V. Dang, The-Long Phan, T. D. Thanh, V. D. Lam, and L. V. Hong	<i>Journal of Applied Physics</i> (ISSN: 0021-8979)	111	11	113913	2012
75	Influences of annealing temperature on structural characterization and magnetic properties of Mn-doped BaTiO ₃ ceramics	The-Long Phan, P. Zhang, D. Grinting, S. C. Yu, N. X. Nghia, N. V. Dang, and V. D. Lam	<i>Journal of Applied Physics</i> (ISSN: 0021-8979)	112	1	013909	2012
76	Structure and magnetism of BaTi _{1-x} Fe _x O _{3-δ} multiferroics	N. V. Dang, Ha M. Nguyen,	<i>Journal of Applied Physic</i>	111	7	07D915	2012

		V. D. Lam, Chih-Hao Lee, L. V. Hong	(ISSN: 0021 -8979)				
77	Electron-spin-resonance study of Y-doped Nd _{0.7} Sr _{0.3} MnO ₃ ceramics	The-Long Phan, Y. D. Zhang, S. C. Yu, N. V. Khiem, and N. X. Phuc	<i>Journal of Applied Physics</i> (ISSN: 0021 -8979)	111		7E114	2012
78	Pumping-power-dependent photoluminescence angular distribution from an opal photonic crystal composed of monodisperse Eu ³⁺ /SiO ₂ core/shell nanospheres	Le Dac Tuyen, Jian Hung Lin, Cheng-Yi Wu, Po-Tse Tai, Jau Tang, Le Quoc Minh, Hung-Chih Kan, and Chia Chen Hsu	<i>Optics Express</i> (ISSN: 1094-4087)	20	14	15418-426	2012
79	Low-field magnetoresistance in La _{0.7} Sr _{0.3} MnO ₃ /BaTiO ₃ composites	T. D. Thanh, P. T. Phong, D. H. Manh, N. V. Khien, L. V. Hong, T. L. Phan, S. C. Yu	<i>Journal of Materials Science: Materials in Electronics</i> (ISSN: 0957-4522)	DOI:10.1007/s10854-012-0943-y	2012		
80	The effects of Au surface diffusion to droplets/cluster formation and nanowire growth on GaAs substrate using VLS method	Dao Khac An, Dao D. Khang , Phan A. Tuan, Nguyen T. Dai and Do Hung Manh	<i>Journal of Materials Science: Materials in Electronics</i> (ISSN:0957-4522)	23	11	2065-2074	2012
81	The influences of technological conditions and Au cluster islands on morphology of Ga ₂ O ₃ nanowires grown by VLS method	Dao Khac An, Phan Anh Tuan, Do Hung Manh, Luu Tien Hung, Meiken Falke and M. MacKenzie	<i>Journal of Materials Science: Materials in Electronics</i> (ISSN: 0957-4522)	22	2	204-216	2011
82	Luminescence properties and crystallographic sites for Eu ³⁺ ions in fluorthalenite Y ₃ Si ₃ O ₁₀ F	Kyoung Hyuk Jang, N. M. Khaidukov, Vu Phi Tuyen, Sun Kim	<i>Journal of Alloys and Compounds</i> (ISSN: 0925-8388)	536		47-51	2012
83	Synthesis, characterization, and comparative gas-sensing properties of Fe ₂ O ₃ prepared from Fe ₃ O ₄ and Fe ₃ O ₄ -chitosan	Nguyen Duc Cuong, Tran Thai Hoa, Dinh Quang Khieu, Tran Dai Lam, Nguyen Duc Hoa, Nguyen Van Hieu	<i>Journal of Alloys and Compounds</i> (ISSN: 0925-8388)	523		120-126	2012
84	Judd-Ofelt analysis of spectroscopic	Phan Van Do, Vu Phi	<i>Journal of Alloys and</i>	520		262-265	2012

	properties of Sm ³⁺ ions in K ₂ YF ₅ crystal	Tuyen, Vu Xuan Quang, Nguyen Trong Thanh, Vu Thi Thai Ha, Nicholas M. Khaidukov, Yong-III Lee, B. T. Huy	<i>Compounds</i> (ISSN: 0925-8388)				
85	All-optical switches based on multiple cascaded resonators with reduced switching intensity-response time products	Quang Minh Ngo, Sangin Kim, Jaejin Lee, and Hanjo Lim	<i>Journal of Lightwave Technology</i> (ISSN: 0733-8724)	30	22	3525-3531	2012
86	Negative Refractive Index at the Third-Order Resonance of Flower-Shaped Metamaterial	P. V. Tuong, J. W. Park, V. D. Lam, W. H. Jang, E. H. Choi, S. A. Nikitov, and Y. P. Lee	<i>Journal of Lightwave Technology</i> (ISSN: 0733-8724)	30	22	3451-3455	2012
87	Enhanced low-field-magnetoresistance and electro-magnetic behavior of La _{0.7} Sr _{0.3} MnO ₃ /BaTiO ₃ composites	P. T. Phong, D. H. Manh, N. V. Dang, L. V. Hong, I. J. Lee	<i>Physica B: Condensed Matter</i> (ISSN: 0921-4526)	407	18	3774-3780	2012
88	Structural, magnetic and magnetotransport behavior of La _{0.7} Sr _x Ca _{0.3-x} MnO ₃ compounds	T. D. Thanh, L. H. Nguyen, D. H. Manh, N. V. Chien, P. T. Phong, N. V. Khiem, L. V. Hong, N. X. Phuc	<i>Physica B: Condensed Matter</i> (ISSN: 0921-4526)	407	1	145-152	2012
89	Luminescent ZnS:Mn/thioglycerol and ZnS:Mn/ZnS core/shell nanocrystals: Synthesis and characterization	Tran Thi Quynh Hoa, Le Thi Thanh Binh, Le Van Vu, Nguyen Ngoc Long, Vu Thi Hong Hanh, Vu Duc Chinh, Pham Thu Nga	<i>Optical Materials</i> (ISSN: 0925-3467)	35	2	136-140	2012
90	Role of charge transfer state and host matrix in Eu ³⁺ - doped alkali and earth alkali fluoro-aluminoborate glasses	N. T. Thanh, V. X. Quang, V. P. Tuyen, N. V. Tam, T. Hayakawa, B. T. Huy	<i>Optical Materials</i> ISSN: 0925-3467	34		1477-1481	2012
91	Label-free and reagentless electrochemical detection of PCR fragments using self-assembled quinone derivative monolayer: Application to Mycobacterium tuberculosis	Q. D. Zhang, G. March, V. Noel, B. Piro, S. Reisberg, L. D. Tran, L. V. Hai, E. Abadia, P. E. Nielsen, C. Sola, M. C. Pham	<i>Biosensors and Bioelectronics</i> (ISSN: 0956-5663)	32		163-168	2012

92	A label-free electrochemical immunosensor for direct, signal-on and sensitive pesticide detection	H. V. Tran, R. Yougnia, S. Reisberg, B. Piro, N. Serradji, T. D. Nguyen, L. D. Tran, C. Z. Dong, M. C. Pham	<i>Biosensors and Bioelectronics</i> (ISSN: 0956-5663)	31		62-68	2012
93	Magnetic and Magnetotransport Properties of $\text{La}_{0.7}\text{Sr}_{0.2}\text{Ca}_{0.1}\text{MnO}_3$ Prepared From Nanoparticles	T. L. Phan, , P. Zhang, D. Grinting, V. D. Lam, D. A. Tuan, and S. C. Yu	<i>IEEE Transactions on Magnetics</i> (ISSN: 0018-9464)	48	11	4018-4021	2012
94	Magnetocaloric Effect in $\text{Ni}_{0.5}\text{Mn}_{0.5-x}\text{Sn}_x$ Alloys	T. L. Phan, N. H. Duc, N. H. Yen, P. T. Thanh, N. H. Dan, P. Zhang, S. C. Yu	<i>IEEE Transactions on Magnetics</i> (ISSN: 0018-9464)	48	4	1381-1384	2012
95	Measurement and modelization of silica opal reflection properties: Optical determination of the silica index	Amaury Avoine, Phan Ngoc Hong, Hugo Frederich, Jean-Marc Frigerio, Laurent Coolen, Catherine Schwob, Pham Thu Nga, Bruno Gallas and Agnès Maitre	<i>Physical Review B</i> (ISSN: 1098-0121)	86		165432 (7 pp)	2012
96	Schottky-capacitance pulse-shaping circuit for high-speed light emitting diode operation	P. H. Binh, P. Renucci, V. G. Truong, and X. Marie	<i>Electronics Letters</i> (ISSN: 0013-5194)	48	12	721-723	2012
97	Suppression of Mn segregation in Ge/Mn ₅ Ge ₃ heterostructures induced by interstitial carbon	Minh-Tuan Dau, Vinh Le Thanh, Thi-Giang Le, Aurélie Spiesser, Matthieu Petit, Lisa A. Michez, Thu-Huong Ngo, Dinh Lam Vu, Quang Liem Nguyen, Pierre Sebban	<i>Thin Solid Films</i> (ISSN: 0040-6090)	520	8	3410-3414	2012
98	Optical bistability based on guided-mode resonances in photonic crystal slabs	Quang Minh Ngo, Khai Q. Le, and Vu Dinh Lam	<i>Journal of the Optical Society of America B</i> (ISSN: 0740-3224)	29	6	1291-1295	2012
99	“Enhancement and stabilization of the photoluminescence from porous silicon prepared by Ag-assisted electrochemical	D. T. Cao, L. T. Q. Ngan and C. T. Anh,	<i>Surface and Interface Analysis</i> DOI 10.1002/sia.5158,				2012

	etching”		2012.				
100	Simplified perfect absorber structure	P. V. Tuong, J. W. Park, V. D. Lam, K. W. Kim, H. Cheong, W. H. Jang, and Y. P. Lee	<i>Computational Materials Science</i> (ISSN: 0927-0256)	61		243-247	2012
101	Structure of BaTi _{1-x} Fe _x O _{3-δ} Multiferroics Using X-ray Analysis	N. V. Dang, Ha M. Nguyen, Pei-Yu Chuang, T. D. Thanh, V. D. Lam, Chih-Hao Lee, L. V. Hong	<i>Chinese Journal of Physics</i> (ISSN: 0577-9073)	50	2	262	2012
102	Inducing anisotropy in bulk Nd-Fe-Co-Al-B nanocrystalline alloys by quenching in magnetic field	Nguyen Huy Dan, Pham Thi Thanh, Nguyen Hai Yen, Nguyen Thi Thanh Huyen, Duong Dinh Thang, Luu Tien Hung	<i>Journal of Magnetism and Magnetic Materials</i> (ISSN: 0304-8853)	324		1435–1439	2012
103	Properties and Magnetocaloric Effect in Ni _{0.5} Mn _{0.5-x} Sb _x Alloys	N. H. Duc, T. D. Thanh, N. H. Yen, P. T. Thanh, N. H. Dan, T. L. Phan	<i>Journal of the Korean Physical Society</i> (ISSN: 0374-4884)	60	3	454-459	2012
104	Influence of quenching rate and composition on optimal annealing temperature of Nd-Fe-B based nanocrystalline hard magnetic alloys	Nguyen Thi Thanh Huyen, Nguyen Hai Yen, Pham Thi Thanh, Do Tran Huu, Doan Minh Thuy, Nguyen Minh Thuy, Nguyen Huy Dan	<i>Materials Science and Technology</i> (ISSN: 0267-0836)	28	8	948-952	2012
105	Fabrication and characterization of CdSe/ZnS quantum-dot LEDs	Huu Tuan Nguyen, Thu Nga Pham, Ken Ha Koh and Soonil Lee	<i>Physica Status Solidi (A)</i> (ISSN: 1862-6300)	209	6	1163-1167	2012
106	Selective detection of carbon dioxide using LaOCl-functionalized SnO ₂ nanowires for air-quality monitoring	Do Dang Trung, Le Duc Toan, Hoang Si Hong, Tran Dai Lam, Tran Trung, Nguyen Van Hieu	<i>Talanta</i> (ISSN: 0039-9140)	88		152-159	2012
107	Fabrication and properties of high efficiency luminescent nanorods EuPO ₄ ·H ₂ O by soft	Tran Thu Huong, Tran Kim Anh, Le Thi Vinh, W.	<i>Journal of Rare Earths</i> (ISSN: 1002-0721)	29	12	1174	Dec. 2011

	template method	Strek, Hoang Thi Khuyen and Le Quoc Minh					
108	Structural and luminescent properties of (Eu,Tb)PO ₄ •H ₂ O nanorods/nanowires prepared by microwave technique	Nguyen Thanh Huong, Nguyen Duc Van, Dinh Manh Tien, Do Khanh Tung, Nguyen Thanh Binh, Tran Kim Anh and Le Quoc Minh	<i>Journal of Rare Earths</i> (ISSN: 1002-0721)	29	12	1170	Dec. 2011
109	Synthesis and characterization of core/shell structured nanophosphors CePO ₄ :Tb@LaPO ₄ by solvothermal method	Dinh Xuan Loc, Tran Thi Kim Chi, Tran Thu Huong, Nguyen Vu, Tran Kim Anh, W. Strek and Le Quoc Minh	<i>Journal of Rare Earths</i> (ISSN: 1002-0721)	29	12	1147	Dec. 2011
110	Fabrication and characterization of YVO ₄ :Eu ³⁺ nanomaterials by the microwave technique”	Tran Thu Huong, Vu Duc Tu, Tran. Kim Anh, Le Thi Vinh and Le Quoc Minh	<i>Journal of Rare Earths</i> (ISSN: 1002-0721)	29	12	1137	Dec. 2011
111	A novel enzymatic biodegradable route for PLA/EVA blends under agricultural soil of Vietnam	Do Van Cong, Thai Hoang, Nguyen Vu Giang, Nguyen Thu Ha, Tran Dai Lam, Masao Sumita	<i>Materials Science and Engineering: C</i> (ISSN: 0928-4931)	32		558-563	2012
112	2D Simulation of Nd ₂ Fe ₁₄ B/ α -Fe Nanocomposite Magnets with Random Grain Distributions Generated by a Monte Carlo Procedure	Xuan Truong Nguyen, Hong Ky Vu, Van Khanh Nguyen, Van Vuong Nguyen	<i>Journal of Nanomaterials</i> (ISSN: 1687-4110)	2012	Article ID 759750	07	2012
113	Multi-plasmon resonances supporting the negative refractive index in “single-atom” metamaterials	D. T. Viet, N. T. Tung, N. T. Hien, Y. P. Lee, B. S. Tung, and V. D. Lam	<i>Journal of Nonlinear Optical Physics & Materials</i> (ISSN: 0218-8635)	21	2	1250019	2012
114	Perfect-absorber metamaterial based on flower-shaped structure	P. V. Tuong, V. D. Lam, J. W. Park, E. H. Choic, S. A. Nikitov, and Y. P. Lee	<i>Photonics and Nanostructures-Fundamentals and Applications</i>	http://dx.doi.org/10.1016/j.photonic	2012		

			(ISSN: 1569-4410)	s.2012.0 9.002			
115	Effect of EVA _g MA compatibilizers on the Structure and Properties of Ethylene Vinyl Acetate Co-Polymer / Silica Nanocomposites	Thai Hoang, Nguyen Thuy Chinh, Do Quang Tham, Dinh Thi Mai Thanh, Trinh Anh Truc, Nguyen Thi Thu Trang, Nguyen Vu Giang and Vu Dinh Lam	<i>Kautschuk Gummi Kunststoffe</i> (ISSN: 0948-3276)				6/2012
	Năm 2013						
116	Direct measurement of the absolute absorption spectrum of individual semiconducting single-wall carbon nanotubes	Jean-Christophe Blancon, Matthieu Paillet, Huy Nam Tran, Xuan Tinh Than, Samuel Aberra Guebrou, Anthony Ayari, Alfonso San Miguel, Ngoc-Minh Phan, Ahmed-Azmi Zahab, Jean-Louis Sauvajol, Natalia Del Fatti & Fabrice Valle'e	Nature Communications ISSN: 2041-1723 IF: 10.015	4	2542	8	2013
117	Label-free and reagentless electrochemical detection of microRNAs using a conducting polymer nanostructured by carbon nanotubes: Application to prostate cancer biomarker miR-141	H.V. Tran, B. Piro, S. Reisberg, L.D. Tran, H.T. Duc, M.C. Pham	Biosensors and Bioelectronics ISSN: 0956-5663 IF: 5.437	49		164-169	2013
118	The scaling and universality of conventional and inverse magneto-caloric effects in Heusler alloys	A. Biswas, T. L. Phan, N. H. Dan, P. Zhang, S. C. Yu, H. Srikanth, M. H. Phan	Applied Physics Letter ISSN: 0003-6951 IF: 3.794	103	16	162-410	2013
119	Defect-induced ferromagnetism in ZnO nanoparticles prepared by mechanical milling	The-Long Phan, Y. D. Zhang, D. S. Yang,	Applied Physics Letter ISSN: 0003-6951 IF: 3.794	102	7	072408	2013

		N. X. Nghia, T. D. Thanh, S. C. Yu					
120	Coexistence of conventional and inverse magnetocaloric effects and critical behaviors in $\text{Ni}_{50}\text{Mn}_{50-x}\text{Sn}_x$ ($x = 13$ and 14) alloy ribbons	The-Long Phan, P. Zhang, N. H. Dan, N. H. Yen, P. T. Thanh, T. D. Thanh, M. H. Phan, and S. C. Yu	Applied Physics Letters ISSN: 0003-6951 IF: 3.794	101	21	212403	2012
121	Magnetic properties and magnetocaloric effect in $\text{Fe}_{90-x}\text{Ni}_x\text{Zr}_{10}$ alloy ribbons	Tran Dang Thanh, Yikyung Yu, P. T. Thanh, N. H. Yen, N. H. Dan, The-Long Phan, A. M. Grishin and S. C. Yu	Journal of Applied Physics ISSN: 0021-8979 IF: 2.21	113	21	213908	2013
122	Origin of ferromagnetism in BaTiO_3 nanoparticles prepared by mechanical milling	The-Long Phan, P. Zhang, D. S. Yang, T. D. Thanh, D. A. Tuan, S. C. Yu	Journal of Applied Physics ISSN: 0021-8979 IF: 2.21	113	17	17E305	2013
123	Nonuniversal critical behavior in a disorder-destroyed charge-ordering system of $\text{Pr}_{0.3}\text{Nd}_{0.2}\text{Sr}_{0.5}\text{MnO}_3$	P. Zhang, T. D. Thanh, The-Long Phan, S. C. Yu	Journal of Applied Physics ISSN: 0021-8979 IF: 2.21	113	17	17E144	2013
124	Critical behavior and magnetocaloric effect of $\text{LaFe}_{10-x}\text{B}_x\text{Si}_3$ alloy ribbons	Tran Dang Thanh, Nguyen Hai Yen, Pham Thi Thanh, Nguyen Huy Dan, Peng. Zhang, The-Long Phan and Seong Cho Yu	Journal of Applied Physics ISSN: 0021-8979 IF: 2.21	113	17	17E123	2013
125	Critical behavior and magnetic-entropy change of orthorhombic $\text{La}_{0.7}\text{Ca}_{0.2}\text{Sr}_{0.1}\text{MnO}_3$	The-Long Phan, Y. D. Zhang, P. Zhang, T. D. Thanh, S. C. Yu	Journal of Applied Physics ISSN: 0021-8979 IF: 2.21	112	9	093906	2013
126	Influence of magnetic field on critical behavior near a first order transition in	P. Zhang, P. Lampen, T.L. Phan, S.C. Yu, T.D. Thanh,	Journal of Magnetism and Magnetic Materials	348		146-153	2013

	optimally doped manganites: The case of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ($0.2 \leq x \leq 0.4$)	N.H. Dan, V.D. Lam, H. Srikanth, M.H. Phan	ISSN: 0304-8853 IF: 1.826				
127	Ferromagnetic short-range order and magnetocaloric effect in Fe-doped LaMnO_3	The-Long Phan, P.Q. Thanh, P.D.H. Yen, P. Zhang, T.D. Thanh, S.C. Yu	Solid State Communications ISSN: 0038-1098 IF: 1.534	167		49-53	2013
128	The magnetic phase transition and magnetocaloric effect in $\text{Sm}_{0.58}\text{Sr}_{0.42}\text{MnO}_3$ nanoparticles	The-Long Phan, T.D. Thanh, P. Zhang, D.S. Yang, S.C. Yu	Solid State Communications ISSN: 0038-1098 IF: 1.534	166		32-37	2013
129	Low-field magnetoresistance in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{BaTiO}_3$ composites	T. D. Thanh, P. T. Phong, D. H. Manh, N. V. Khien, L. V. Hong, T. L. Phan, S. C. Yu	Journal of Materials Science: Materials in Electronics ISSN: 0957-4522 IF: 1.486	24	4	1389-1394	2013
130	Ferromagnetic order in rapidly cooled Nd-Fe-Co-Al alloy ribbons.	T. L. Phan , Y.D. Zhang , N.H. Dan, D. D. Thang , T. D. Thanh , P. Zhang , and S. C. Yu	IEEE Transactions on Magnetics ISSN: 0018-9464 IF: 1.422	49	7	3375-337	2013
131	Magnetocaloric and critical behaviors of $\text{Ni}_{0.5}\text{Mn}_{0.5-x}\text{Sn}_x$ Heusler alloys	P. Zhang, T. L. Phan, N. H. Duc, N. H. Dan, S. C. Yu	IEEE Transactions on Magnetics ISSN: 0018-9464 IF: 1.422	48	11	3753-3756	2012
132	Magnetic properties of Nd-Fe-Co-Al rapid solidification alloys	Nguyen Huy Dan and Luu Tien Hung	International Journal of Materials Research ISSN: 1862-5282 IF: 0.691	104		471-475	2013
133	Optimizing composition for (Nd,Pr)-Nb-Fe-B hard magnetic nanocomposites	Pham Thi Thanh, Nguyen Thi Thanh Huyen, Nguyen Hai Yen, Nguyen Huy Dan	International Journal of Materials Research ISSN: 1862-5282 IF: 0.691	103		1517-1521	2012
134	Electron-spin-resonance spectra and ferroelectricity of $\text{BaTi}_{1-x}\text{Fe}_x\text{O}_3$	D. Ginting, S. C. Yu, T. L. Phan, N. V. Dang, T. D.	Journal of the Korean Physical Society	62	12	2128-2132	2013

		Thanh, V. D. Lam	ISSN: 0374-4884 IF: 0.506				
135	Magnetocaloric effect in Fe-Ni-Zr alloys prepared by using the rapidly-quenched method	Nguyen Huy Dan, Nguyen Huu Duc, Tran Dang Thanh, Nguyen Hai Yen, Pham Thi Thanh, Ngac An Bang, Do Thi Kim Anh, The-Long Phan, Seong-Cho Yu	Journal of the Korean Physical Society ISSN: 0374-4884 IF: 0.506	62	12	1715-1719	2013
136	Control of whispering-gallery-mode spectrum from erbium-doped silica microsphere lasers	Van Hoi Pham, Huy Bui, Thanh Son Pham, The Anh Nguyen, Thuy Van Nguyen, Huu Thang Le, Trung Ninh Bui, Van Phu Nguyen, and Roberto Coisson	Journal of the Optical Society of America B ISSN: 0740-3224 IF: 2.21	30	6	1586-1589	2013
137	Metallic assisted guided-mode resonances in slab waveguide gratings for reduced optical switching intensity in bistable devices	Quang Minh Ngo, Thu Trang Hoang, Duc Long Nguyen, Dinh Lam Vu, and Van Hoi Pham	Journal of Optics ISSN: 2040-8978 IF: 1.99	15	5	055503	2013
138	Europium doped In(Zn)P/ZnS colloidal quantum dots	U. T. D. Thuy, A. Maurice, N. Q. Liem, P. Reiss	Dalton Transactions ISSN: 1477-9226 IF: 3.806	42		12606-12610	2013
139	Multiple light-coupling modes of confined excitons observable in photoluminescence spectra of high-quality CuCl thin films	L. Q. Phuong, M. Ichimiya, H. Ishihara, M. Ashida	Physical Review B ISSN: 1098-0121 IF: 3.767	86	23	235449	12/ 2012
140	Synthesis of CuS and CuS/ZnS core/shell nanocrystals for photocatalytic degradation of dyes under visible light	U. T. D. Thuy, N. Q. Liem, Christopher M.A. Parlett, Georgi M. Lalev, K. Wilson	Catalysis Communications ISSN: 1566-7367 IF: 2.915			http://dx.doi.org/10.1016/j.catcom.2013.07.030	2013

141	Transitions from spontaneous emission to stimulated emission and superfluorescence of biexcitons confined in CuCl quantumdots	L.Q. Phuong, K.Miyajima, K.Maeno, T.Itoh, M.Ashida	Journal of Luminescence ISSN: 0022-2313 IF: 2.144	133		77–80	2013
142	Growth of high-quality CuCl thin films by a technique involving electron-beam irradiation	Masayoshi Ichimiya, Le Quang Phuong, Masaaki Ashida, Tadashi Itoh	Journal of Crystal Growth ISSN: 0022-0248 IF: 1.552	378		372–375	2013
143	Optimization of thickness and uniformity of photonic structures fabricated by interference lithography	Thi Thanh Ngan Nguyen, Quang Liem Nguyen, Joseph Zyss, Isabelle Ledoux-Rak, Ngoc Diep Lai,	Appl Phys A IF: 1.545	111		297 – 302	2013
144	Study on preparation and characterization of MOF based lanthanide doped luminescent coordination polymers,	Nguyen Thanh Binh, Dinh Manh Tien, Lam Thi Kieu Giang, Hoang Thi Khuyen, Nguyen Thanh Huong, Tran Thu Huong, Tran Dai Lam	Materials Chemistry and Physics ISSN: 0254-0584 IF: 2.072			http://dx.doi.org/10.1016/j.matchemphys.2013.09.048 1-6	2013
145	Effect of thermal processes on critical operation conditions of high-power laser diodes	V V Parashchuk and Vu Doan Mien,	Quantum Electronics ISSN: 1063-7818 IF: 0.823	43	10	907-913	2013
146	Photo-, radio-and thermoluminescence of Sm ³⁺ doped and Tb ³⁺ /Sm ³⁺ doubly doped K ₂ YF ₅ single crystals	J. Marcazzó , M. Santiago , V.N. Makho, Vu Phi Tuyen, N.M. Khaidukov, E. Caselli	Journal of Luminescence ISSN: 0022-2313 IF: 2.144	140		82-86	2013
147	Optical properties and Judd–Ofelt parameters of Dy ³⁺ doped K ₂ GdF ₅ single crystal	Phan Van Do, Vu Phi Tuyen, Vu Xuan Quang, Nguyen Trong Thanh, Vu Thi Thai Ha, Ho Van Tuyen, Nicholas M.	Optical Materials ISSN: 0925-3467 IF: 1.918	35	9	1636-1641	2013

		Khaidukov, Julián Marcazzó, Yong-Il Lee, Bui The Huy					
148	Improving OOK Modulation Rate of Visible by Peaking and Carrier Sweep-Out Effects Using n-Schottky Diodes-Capacitance Circuit	P.H.Binh, V.D.Trong, P. Renucci, and X.Marie	Journal of Lightwave Technology ISSN: 0733-8724 IF: 2.555	31	15	2578-2583	2013
149	Thermally tunable magnetic metamaterials at THz frequencies	Son Tung Bui, Van Dung Nguyen, Xuan Khuyen Bui, Thanh Tung Nguyen, Peter Lievens, YoungPak Lee and Dinh Lam Vu	Journal of Optics ISSN: 2040-8978 IF: 1.99	15	7	075101	2013
150	A simple sub-nanosecond ultraviolet light pulse generator with high repetition rate and peak power	P.H. Binh, V.D.Trong, P. Renucci, and X. Marie	Review of Scientific Instruments ISSN: 0034-6748 IF: 1.602	84	8	083102	2013
151	Characterization and antimicrobial activity of silver nanoparticles prepared by a thermal decomposition technique	Le Thi Tam, Vu Ngoc Phan, Hoang Lan, Nguyen Thanh Thuy, Tran Minh Hien, Tran Quang Huy, Nguyen Van Quy, Huynh Dang Chinh, Le Minh Tung, Pham Anh Tuan, Vu Dinh Lam, Anh-Tuan Le	Applied Physics A: Materials Science & Processing IF: 1.56	113	3	613-621	2013
152	Dielectric and Ohmic losses in perfectly absorbing metamaterials	P.V. Tuong, J.W. Park, V.D. Lam, W.H. Jang, S.A. Nikitov, Y.P. Lee	Optics Commun. ISSN: 0030-4018 IF: 1.438	295		17-20	2013
153	Ferromagnetic insulating and spin glass properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3\text{-TiO}_2$	P.T. Phong, D.H. Manh, N.X. Phuc, I.-J. Lee	Physica B: Condensed Matter	408		22-28	2013

	composites		ISSN: 0921-4526 IF: 1.327				
154	Electrical transport study of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ using phase - coexistence transport model	P. T. Phong, D. H. Manh, L. V. Bau, I.-J. Lee	Journal of Electroceramics ISSN: 1385-3449 IF: 1.143	31		364	2013
155	Tensile, rheological properties, thermal stability, and morphology of ethylene vinyl acetate copolymer / silica nanocomposites using EVA-g-maleic anhydride	Thai Hoang, Trinh Anh Truc, Dinh Thi Mai Thanh, Nguyen Thuy Chinh ¹ , Do Quang Tham, Nguyen Thi Thu Trang, Nguyen Vu Giang and Vu Dinh Lam	J. Compos. Mater. (IF = 0.936)			doi: 10.1177/0021998313476319	2013
156	Magnetic surface effects and magnetoresistance in Manganite-based composite nanoparticles	P.T Phong, N.V Dai, D.H. Manh, N.V. Khiem, N.X. Phuc	Journal of Superconductivity and Novel Magnetism ISSN: 1557-1939 IF: 0.702			DOI: 10.1007/s10948-013-2373-3	2013
157	A facile synthesis of nanostructured magnesium oxide particles enhanced adsorption performance in reactive blue 19 removal	Nguyen Kim Nga, Phi Thi Thuy Hong, Tran Dai Lam, Tran Quang Huy	Journal of Colloid and Interface Science ISSN: 0021-9797 IF: 3.172	398		210-216	2013
158	Characteristics of curcumin-loaded poly (lactic acid) nanofibers for wound healing	Thuy Thi Thu Nguyen, Chiranjit Ghosh, Seong-Gu Hwang, Lam Dai Tran, Jun-Seo Park	Journal of Materials Science ISSN: 0022-2461 IF: 2.163	48	20	7125-7133	2013
159	Effect of titanium dioxide on the properties of polyethylene/TiO ₂ nanocomposites	Vu Giang Nguyen, Hoang Thai, Duc Huynh Mai, Huu Trung Tran, Dai Lam Tran, Manh Tuan Vu	Composites Part B: Engineering ISSN: 1359-8368 IF: 2.143	45		1192-1198	2013
160	In Vitro Apoptosis Enhancement of Hep-G2 Cells by PLA-TPGS and PLA-PEG Block Copolymer Encapsulated Curcumin	Ha Phuong Thu, Duong Tuan Quang, Mai Thi Thu Trang, Tran Thi Hong Ha,	Chemistry Letters ISSN: 0366-7022 IF: 1.594	42	3	255-257	2013

	Nanoparticles	Nguyen Hoai Nam, Nguyen Xuan Phuc, Tran Thi Minh Nguyet, Phan Quoc Thong, Phan Thi Hong Tuyet, Vuong Thi Kim Oanh, and Le Mai Huong					
161	Electrical transport and temperature coefficient of resistance in polycrystalline $\text{La}_{0.7-x}\text{Ag}_x\text{Ca}_{0.3}\text{MnO}_3$ pellets: Analysis in terms of a phase coexistence transport model and phase separation model	Phong, P.T., Nguyen, L.H., Manh, D.H., Phuc, N.X., Lee, L-J.	Physica B: Condensed Matter ISSN: 0921-4526 IF: 1.327	425		6-11	2013
162	A new fluorescent chemosensor for Hg^{2+} in aqueous solution	Duong Tuan Quang, Nguyen Van Hop, Nguyen Dinh Luyen, Ha Phuong Thu, Doan Yen Oanh, Nguyen Khoa Hien, Nguyen Van Hieu, Min Hee Lee, Jong Seung Kim	Luminescence ISSN: 1522-7235 IF: 1.273	28	2	222-225	2013
163	On the formation of voids, etched holes, and GaO particles configuration during the nanowires growth by VLS method on GaAs substrate	Dao, Khac An, Nguyen, Tien Dai, Phan, Anh Tuan, and Do, Hung Manh	Journal of Materials Science: Materials in Electronics ISSN: 0957-4522 IF: 1.486	24	7	2513-2520	2013
164	A sputtered-silica defect layer between two artificial silica opals: an efficient way to engineer well-ordered sandwich structures	Phan Ngoc Hong, Paul Benalloul, Laurent Coolen, Agn`es Ma`itre and Catherine Schwob	Journal of Materials Chemistry C ISSN: 2050-7526 IF: Chưa c`o. T`ach ra từ tạp chí Journal of Materials Chemistry (IF: 6.101) vào 2013	1	34	5381-5386	2013

165	Enhancement and stabilization of the photoluminescence from porous silicon prepared by Ag-assisted electrochemical etching	D. T. Cao, L. T. Q. Ngan and C. T. Anh	Surface and Interface Analysis ISSN: 0142-2421 IF: 1.22	45	3	762-766	2013
166	High sensitivity and selectivity of mixed potential sensor based on Pt/YSZ/SmFeO ₃ to NO ₂ gas	Ho Truong Giang, Ha Thai Duy, Pham Quang Ngan, Giang Hong Thai, Do Thi Anh Thu, Do Thi Thu, Nguyen Ngoc Toan	Sensors and Actuators B: Chemical ISSN: 0925-4005 IF: 3.535	183		550-555	2013
167	Design of interpenetrated network MWCNT/poly(1,5-DAN) on interdigital electrode: Toward NO ₂ gas sensing	Nguyen Tuan Dung, Nguyen Thanh My, Ho Truong Giang, Nguyen Ngoc Toan, S. Reisberg, B. Piro, M.C. Pham	Talanta ISSN: 0039-9140 IF: 3.498	115		713-717	2013
168	Grain growth, phase evolution and properties of NbC carbide-doped WC-10AISI304 hardmetals produced by pseudo hot isostatic pressing	Tran Bao Trung , Hussain Zuhailawati , Zainal Arifin Ahmad and N. Keiichi Ishihara	Journal of Alloys and Compounds; ISSN: 0925-8388 IF: 2.39	552		20-25	2013
169	Catalytic oxidation of carbon monoxide over nanostructured CeO ₂ -Al ₂ O ₃ prepared by combustion method using polyvinyl alcohol	Dao Ngoc Nhiem, Luu Minh Dai, Nguyen Duc Van, Duong Thi Lim	Ceramics International ISSN: 0272-8842 IF: 1.789	39	3	3381-3385	2013
170	Nanostructured CeO ₂ -Al ₂ O ₃ catalytic powders for m – Xylene and Toluene Combustion	Luu Minh Dai, Dao Ngoc Nhiem, Duong Thi Lim and Nguyen Duc Van	Materials Transactions ISSN: 1345-9678 IF: 0.588	54	6	pp. 1060-1062	2013
171	Controlled synthesis of ceria nanoparticles for the design of nanohybrids.	Thanh-Dinh Nguyen, Cao-Thang Dinh, Driss Mrabet, Minh-Nguyet Tran-Thi, Trong-On Do.	Journal of Colloid and Interface Science ISSN: 0021-9797 IF: 3.172	394		100-107	2013
172	Detection of the pesticide by functionalised quantum dots as fluorescence-based biosensor	Nguyen Ngoc Hai, Vu Duc Chinh, Ung Thi Dieu Thuy, Tran Kim Chi, Nguyen Hai Yen, Dao Tran Cao, Nguyen Quang Liem,	International Journal of Nanotechnology ISSN: 1475-7435 IF: 1.087	10	3-4	137-145	2013

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173	Nano-porous silicon microcavity sensors for determination of organic fuel mixtures	Van Hoi Pham, Huy Bui, Le Ha Hoang, Thuy Van Nguyen, The Anh Nguyen, Thanh Son Pham, and Quang Minh Ngo	Journal of the Optical Society of Korea ISSN: 1226-4776 IF: 1.022	17	5	423-427	2013
174	Perfect-absorber metamaterial based on flower-shaped structure	P.V. Tuong, V.D. Lam, J.W. Park, E.H. Choi, S.A. Nikitov, Y.P. Lee	Photonics and Nanostructures - Fundamentals and Applications ISSN: 1569-4410 IF: 1.792	11	1	89-94	2013
175	Superparamagnetic behaviour and deviation from Bloch $T^{3/2}$ law of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ nanoparticles	Manh Do Hung; Thanh Tran Dang; Chien Nguyen Van; Lam Vu Dinh; Hong Le Van; Phuc Nguyen Xuan; Phong Pham Thanh	International Journal of Nanotechnology ISSN: 1475-7435 IF: 1.087	10	3-4	197-205	2013
176	Removal of 2,4-Dichlorophenoxyacetic Acid using $\text{Fe}(\text{OH})_3$ based complex adsorbent	Nguyen Hoai Nam, Dao Van Bay, Do Ngoc Khue, Tran Van Chung	Asian Journal of Chemistry ISSN: 0970-7077 IF: 0.253	25	6	3479 - 3483	2013
177	Magnetic chitosan nanoparticles for removal of Cr(IV) from aqueous solution	Nguyen Ngoc Thinh, Pham Thi Bich Hanh, Le Thi Thanh Ha, Le Ngoc Anh, Tran Vinh Hoang, Vu Dinh Hoang, Le Hai Dang, Nguyen Van Khoi, Tran Dai Lam	Materials Science and Engineering C: Materials for Biological Applications ISSN: 0928-4931 IF: 2.404	33	3	1214-1218	2013
178	Controlling the electrodeposition, morphology and structure of hydroxyapatite coating on 316L stainless steel	Dinh Thi Mai Thanh, Pham Thi Nam, Nguyen Thu Phuong, Le Xuan Que, Nguyen Van Anh, Thai	Materials Science and Engineering C: Materials for Biological Applications	33	4	2037-2045	2013

		Hoang, Tran Dai Lam	ISSN: 0928-4931 IF: 2.404				
179	Degradation and mineralization of 2,4,6-trinitroresorcine in various photochemical systems	Do Ngoc Khue, Nguyen Van Chat, Do Binh Minh, Tran Dai Lam, Pham Hong Lan, Vu Duc Loi	Materials Science and Engineering C: Materials for Biological Applications ISSN: 0928-4931 IF: 2.404	33	4	1975-1982	2013
180	Label-free detection of aflatoxin M1 with electrochemical Fe ₃ O ₄ /polyaniline-based aptasensor	Binh Hai Nguyen, Lam Dai Tran, Quan Phuc Do, Huy Le Nguyen, Ngoc Huan Tran, Phuc Xuan Nguyen	Materials Science and Engineering C: Materials for Biological Applications ISSN: 0928-4931 IF: 2.404	33	4	2229-2234	2013
181	Covalent immobilization of cholesterol oxidase and poly(styrene-co-acrylic acid) magnetic microspheres on polyaniline films for amperometric cholesterol biosensing	Nguyen Le Huy, Nguyen Thi My Thuy, Nguyen Hai Binh, Nguyen Ngoc Thinh, Mai Thu Trang, Huynh Dang Chinh, Pham Thien Ngoc, Nguyen Xuan Phuc, Nguyen Van Anh, Tran Dai Lam	Analytical Methods ISSN: 1759-9660 IF: 1.855	5		1392-1398	2013
182	Study on preparation, morphology, and some properties of EVA/silica nanocomposites	Nguyen Thuy Chinh, Trinh Anh Truc, Dinh Thi Mai Thanh, Nguyen Thi Thu Trang, Thai Hoang, Tran Dai Lam, Nguyen Van Khoi	International Journal of Nanotechnology ISSN: 1475-7435 IF: 1.087	10	3-4	351-362	2013
183	Effect of AgNO ₃ concentration on structure of aligned silicon nanowire arrays fabricated via silver-assisted chemical etching	Cao, D.T., Ngan, L.T.Q., Viet, T.V. and Anh, C.T.	International Journal of Nanotechnology ISSN: 1475-7435 IF: 1.087	10	3-4	343-350	2013

184	Comparative Raman Study of Individual Double-Walled Carbon Nanotubes and Single-Walled Carbon Nanotubes	D. Levshov, T. Michel, T. Than, M. Paillet, R. Arenal, V. Jourdain, Yu. I.Yuzyuk, J. L. Sauvajol	Journal of Nanoelectronics and Optoelectronics ISSN: 1555-130X IF: 0.479	1	8	9-15	2013
185	Effect of 3d transition metals on gas sensing characteristics of perovskite oxides $\text{LaFe}_{1-x}\text{Co}_x\text{O}_3$	Ho Truong Giang, Ha Thai Duy, Pham Quang Ngan, Giang Hong Thai, Do Thi Anh Thu, Do Thi Thu, Nguyen Ngoc Toan	Analytical Methods ISSN: 1759-9660 IF: 1.855	6		4252 - 4257	2013
186	Nickel composite plating with fly ash as inert particle	Nguyen Viet Hue, Ngo Thi Anh Tuyet, Pham Hong Hanh, Nguyen Ngoc Phong	Transactions of Nonferrous Metals Society of China ISSN: 1003-6326 IF: 0.917	23	8	2348-2353	2013
187	Adsorption of Basic Red 46 onto Activated Carbon	Dao Sy Duc Nguyen Van Noi Do Quang Trung Vu Thi Quyen Vu The Ninh	Research Journal of Chemistry and Environment ISSN: 0972-0626 IF: 0.636	16	4	43-48	2012
188	Direct Synthesis of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ Powders by Mechanochemical Method	Nguyen Duc Van	Advances in Materials Science and Engineering ISSN: 1687-8434 IF: 0.5	Vol 2013		Article ID 230216	2013
189	Preparation, characterisation and catalytic activity of gold nanoparticles supported on Co_3O_4 .	Tran Thi Minh Nguyet; Tran Que Chi; Quach Thi Hoang Yen; Nguyen Thi Toan; Nguyen Quoc Trung; Luu Tien Hung.	International Journal of Nanotechnology ISSN: 1475-7435 IF: 1.087	10	3-4	334- 342	2013

190	The Effect of External Magnetic Field on Microstructure and Magnetic Properties of Melt-Spun Nd-Fe-B/Fe-Co Nanocomposite Ribbons	Xuan Truong Nguyen, Hong Ky Vu, Hung Manh Do, Van Khanh Nguyen, and Van Vuong Nguyen	Advances in Materials Science and Engineering ISSN: 1687-8434 IF: 0.5	Vol 2013		Article ID 927356	2013
Năm 2014							
191	Electron- and photon-induced plasmonic excitations in two-dimensional silver nanostructures	Chung V. Hoang, Masud Rana and Tadaaki Nagao,	Applied Physics Letters, ISSN: 0003-6951	104		251117	2014
192	Low temperature of $K_{0.5}Na_{0.5}NbO_3$ nanopowders by urea sol-gel combustion method	Nguyen Duc Van, Dao Ngoc Nhiem	Chemistry Letters, ISSN: 0366-7022	43	9	1438-1440	2014
193	Attenuation of Surface-Enhanced Raman Scattering of Magnetic-Plasmonic FePt@Ag Core-Shell Nanoparticles due to an External Magnetic Field	Nguyen T T Trang, Trinh T Thuy, D Mott, M Koyano, and S Maenosono	Chemical Physics Letters, ISSN: 0009-2614	574		94-99	2013
194	Hydrogen-induced healing of cluster-damaged silicon surfaces	Ha-Linh Thi Le, Nancy C. Forero-Martinez, Holger Vach	Chemical Physics Letters, ISSN: 0009-2614	610-611		223-227	2014
195	Application of polyaniline nanowires electrodeposited on the FTO glass substrate as a counter electrode for low-cost dye sensitised solar cells	DT Tung, TQ Tuan, DVA Dung, NV Quy, VD Lam, MHNam, ND Chien, Soon-Gil Yoon, LT Anh	Current Applied Physics, ISSN: 1567-1739	14	12,	1607–1611	2014
196	Magnetic Properties of Annealed $Fe_{65}Co_{35}$ Powders Prepared By Mechanical Alloying	Do Hung Manh, Do Khanh Tung, Dao Nguyen Hoai Nam, Le Van Hong ,Pham Thanh Phong, and Nguyen Xuan Phuc	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6		2014
197	Microwave Absorption in $La_{1.5}Sr_{0.5}NiO_4/CoFe_2O_4$ Nanocomposites	ChuT.A.Xuan, Pham T. Tho, Doan M. Quang, TaN.Bach ,TranD.Thanh,	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6		2014

		Ngo T. H. Le , Do H.Manh, Nguyen X. Phuc ,and DaoN.H.Nam					
198	Second-Order Phase Transition and the Magnetocaloric Effect in $\text{La}_{0.7}\text{Ca}_{0.3-x}\text{Sr}_x\text{MnO}_3$ Nanoparticles	Tran Dang Thanh, T. L. Phan, Nguyen Van Chien, Do Hung Manh, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	4	2501504	2014
199	Magnetocaloric Effect and Critical Behavior of $\text{Ni}_{42}\text{Ag}_8\text{Mn}_{37}\text{Sn}_{13}$ Alloys	Tran Dang Thanh, T. L. Phan, P. T. Thanh, N. H. Yen, N. H. Dan, and S. C. Yu,	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	4	2501604	2014
200	Enhancing coercivity of sintered Nd-Fe-B magnets by nanoparticle addition	Nguyen Huy Dan, Pham Thi Thanh, Nguyen Hai Yen, and Luu Tien Hung	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6	210204	2014
201	Electrical and Magnetotransport Properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$	Tran Dang Thanh, T. L. Phan, Phung Quoc Thanh, Hoang Nam Nhat, Duong Anh Tuan, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6	2502404	2014
202	Room Temperature Magnetocaloric Effect in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$	Tran Dang Thanh, Le Viet Bau, T. L. Phan, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	1	2500504	2014
203	Electron Spin Resonance Spectra of $\text{La}_{0.7}\text{Cd}_{0.3}(\text{Mn}, \text{Co})\text{O}_3$ Perovskites	T. L. Phan, T. D. Thanh, M. H. Phan, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	1	1000404	2014
204	Influence of the Change in Oxidation Number of Mn on Magnetic Properties of $\text{BaTi}_{1-x}\text{Mn}_x\text{O}_3$	T. L. Phan, T. D. Thanh, T. A. Ho, P. D. Thang, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	4	2900104	2014
205	Influence of Mn Doping on the Crystal Structure, and Optical and Magnetic Properties of SrTiO_3 Compounds	Tran Dang Thanh, T. L. Phan, Le Mai Oan, Nguyen Van Minh, Jong Suk Lee, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6	2502704	2014

206	Magnetic Properties and Magnetocaloric Effect in Pb-Doped $\text{La}_{0.9}\text{Dy}_{0.1}\text{MnO}_3$ Manganites	T. A. Ho, Tran Dang Thanh, P. D. Thang, Jong Suk Lee, T. L. Phan, and Seong Cho Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6	2502504	2014
207	Inhomogeneous Ferromagnetism and Spin-Glass-Like Behavior in $(\text{Nd}_{1-x}\text{Y}_x)_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ With $x = 0.21-0.35$	T. L. Phan, V. D. Nguyen, T. A. Ho, N. V. Khiem, T. D. Thanh, N. X. Phuc, P. D. Thang, and S. C. Yu	IEEE Transactions on Magnetics, ISSN: 0018-9464	50	6	2502204	2014
208	Critical behavior of Y-doped $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ manganites exhibiting the tricritical point and large magnetocaloric effect	The-Long Phan, T.A. Ho, P.D. Thang, Q.T. Tran, T.D. Thanh, N.X. Phuc, M.H. Phan, B.T. Huy, S.C. Yu	Journal of Alloys and Compounds, ISSN: 0925-8388	615		937-945	2014
209	Effects of carbon nanotube content and annealing temperature on the hardness of CNT reinforced aluminum nanocomposites processed by the high pressure torsion technique	Doan Dinh Phuong, Pham Van Trinh, Nguyen Van An, Nguyen Van Luan, Phan Ngoc Minh, Rinat Kh. Khisamov, Konstantin S. Nazarov, Linar R. Zubairov, Radik R. Mulyukov, Ayrat A. Nazarov	Journal of Alloys and Compounds, ISSN: 0925-8388	613		68-73	2014
210	Influence of Pr-doping on the magnetic properties and magnetocaloric effect of $\text{Ni}_{50-x}\text{Pr}_x\text{Mn}_{37}\text{Sn}_{13}$ alloys	T.L. Phan, P.T. Thanh, N.H. Dan, P. Zhang, T.D. Thanh, M.H. Phan, S.C. Yu	Journal of Alloys and Compounds, ISSN: 0925-8388	615		S261-S264	2014
211	Magnetocaloric and critical behavior in the austenitic phase of Gd-doped $\text{Ni}_{50}\text{Mn}_{37}\text{Sn}_{13}$ Heusler alloys	P. Zhang, T.L. Phan, N.H. Dan, T.D. Thanh, S.C. Yu	Journal of Alloys and Compounds, ISSN: 0925-8388	615		S335-S339	2014
212	Magnetic, magnetocaloric and critical properties of $\text{Ni}_{50-x}\text{Cu}_x\text{Mn}_{37}\text{Sn}_{13}$ rapidly quenched ribbons	Do Tran Huu, Nguyen Hai Yen, Pham Thi Thanh, Nguyen Thi Mai, Tran Dang Thanh, The-Long	Journal of Alloys and Compounds, ISSN: 0925-8388	622		535-540	2015

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213	Influence of Co doping on the critical behavior of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$	The-Long Phan, T. D. Thanh, and S. C. Yu	Journal of Alloys and Compounds, ISSN: 0925-8388	615		S247	2014
214	Coexistence of considerable inter-particle interactions and spin-glass behavior in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ nanoparticles	T. D. Thanh, D. H. Manh, T. L. Phan, P. T. Phong, L. T. Hung, N. X. Phuc, and S. C. Yu	Journal of Applied Physics, ISSN: 0021-8979 E-ISSN: 1089-7550	115	17B	504	2014
215	Broadband negative permeability using hybridized metamaterials: Characterization, multiple hybridization, and terahertz response	Nguyen Thanh Tung, Bui Son Tung, Ewald Janssens, Peter Lievens, and Vu Dinh Lam	Journal of Applied Physics, ISSN: 0021-8979 E-ISSN: 1089-7550	116	8	083104 (7 pages)	2014
216	Impacts of first-order phase transition and phase coexistence on the universal behavior of inverse magnetocaloric effect	A. Biswas, N. S. Bingham, T. L. Phan, N. H. Dan, S. C. Yu, M. H. Phan, H. Srikanth	Journal of Applied Physics, ISSN: 0021-8979 E-ISSN: 1089-7550	115		17A907:1-3	2014
217	Critical behavior of the ferromagnetic-paramagnetic phase transition in $\text{Fe}_{90-x}\text{Ni}_x\text{Zr}_{10}$ alloy ribbons	Tran Dang Thanh, Nguyen Huy Dan, The-Long Phan, Haridas Kumarakuru, Ezra J. Olivier, Johannes H. Neethling, Seong-Cho Yu	Journal of Applied Physics, ISSN: 0021-8979 E-ISSN: 1089-7550	115		023903:1-7	2014
218	Crossover from first-order to second-order phase transitions and magnetocaloric effect in $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{0.91}\text{Ni}_{0.09}\text{O}_3$	The-Long Phan, P. Zhang, T. D. Thanh, and S. C. Yu	Journal of Applied Physics, ISSN: 0021-8979	115		17A912	2014
219	Influences of the first-to-second order magnetic phase transformation on the transport properties of $\text{La}_{0.7}\text{Ca}_{0.32-x}\text{Ba}_x\text{MnO}_3$ compounds	T. D. Thanh, T. H. Lee, T. L. Phan, D. A. Tuan, and S. C. Yu	Journal of Applied Physics, ISSN: 0021-8979)	115		17C706	2014

220	Structural Characterization and Magnetic and Electrical Properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3\text{-La}_{1.5}\text{Sr}_{0.5}\text{NiO}_4$ Nanocomposites	Tran Dang Thanh, Hoang Thanh Van, The-Long Phan, and Seong-Cho Yu	Journal of Electronic Materials, ISSN: 0361-5235	43	4	1083	2014
221	Effective decoration of Pd nanoparticles on the surface of SnO_2 nanowires for enhanced of CO gas-sensing performance	D. D. Trung, N. D. Hoa, P. V. Tong, N. V. Duy, T. D. Dao, H.V.Chung, T. Nagao, N. V. Hieu	Journal of Hazardous Materials, ISSN: 0304-3894	265		124-132	2014
222	Critical Behavior and Exponent Parameters of the Austenitic Phase in $\text{Ni}_{50-x}\text{Pr}_x\text{Mn}_{37}\text{Sn}_{13}$ Alloys with $x = 1-5$	T. L. Phan, T. V. Manh, T. A. Ho, S. C. Yu, N. H. Dan, N. H. Yen and T. D. Thanh	Journal of the Korean Physical Society, Print ISSN: 0374-4884, Online ISSN: 1976-8524, IF: 0.425	64	11	1707-1712.	2014
223	Polarization dependence of the metamagnetic resonance of cut-wire-pair structure by using plasmon hybridization	Nguyen Van Dung, YoungJoon Yoo, Nguyen Thanh Tung, Bui Son Tung, Vu Dinh Lam, and YoungPak Lee	Journal of the Korean Physical Society, Print ISSN: 0374-4884, Online ISSN: 1976-8524, IF: 0.425	65	1	70 - 73	2014
224	Heat Dissipation for the Intel Core i5 Processor Using Multiwalled Carbon-nanotube-based Ethylene Glycol	Bui Hung Thang, Pham Van Trinh, Le Dinh Quang, Nguyen Thi Huong, Phan Hong Khoi, and Phan Ngoc Minh	Journal of the Korean Physical Society, Print ISSN: 0374-4884, Online ISSN: 1976-8524, IF: 0.425	65	3	312	2014
225	On the origin of green emission in zinc sulfide nanowires prepared by a thermal evaporation method	D.Q. Trung, N.T. Tuan, H.V. Chung, P.H. Duong, P.T. Huy	Journal of Luminescence, ISSN: 0022-2313	153		321-325	2014

226	Layered structure in core-shell silicon nanowires	Pham Van Tuan, Chu Anh Tuan, Tran Thanh Thuy, Vu Binh Nam, Pham Toan Thang, Pham Hong Duong, Pham Thanh Huy	Journal of Luminescence, ISSN: 0022-2313	154		46-50	2014
227	Studies of superspin glass state and AC-losses in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ nanoparticles obtained by high-energy ball-milling	P.T. Phong, D.H. Manh, L.H. Nguyen, D.K. Tung, N.X. Phuc, I.-J. Lee	Journal of Magnetism and Magnetic Materials, ISSN: 0304- 8853	368		240-245	2014
228	Magnetic properties and magnetocaloric effect in Ni-Mn-Sn alloys	N.H. Dan, N.H. Duc, N.H. Yen, P.T. Thanh, L.V. Bau, N.M. An, D.T.K. Anh, N.A. Bang, N.T. Mai, P.K. Anh, T.D. Thanh, T.L. Phan and S.C. Yu	Journal of Magnetism and Magnetic Materials, ISSN: 0304- 8853	374		372-375	2015
229	Synthesis fluorescent magnetic nanoparticles in a microchannel using the La Mer process and the characterization of their properties	Thi Ngoan Nguyen, Hyeong Jin Joen, Bong Hyeon Kwon, Hyeong Hoon Kim, Dai Lam Tran, Karl Mortan, Jeung Sang Go	Journal of Materials Science, ISSN: 0022- 2461 (Print) 1573-4803 (Online)	49		4583–4589	2014
230	A highly sensitive electrode modified with graphene, gold nanoparticles, and molecularly imprinted over-oxidized polypyrrole for electrochemical determination of dopamine	Phuc Tuyen Do, Phuc Quan Do, Hai Binh Nguyen, Van Chuc Nguyen, Dai Lam Tran, Trong Huyen Le, Le Huy Nguyen, Hung Viet Pham, Thai Loc Nguyen, Quang Huy Tran	Journal of Molecular Liquids, ISSN: 0167- 7322	198		307-312	2014
231	Optical bistability based on Fano resonances in single- and double-layer nonlinear slab	Quang Minh Ngo, Khai Q. Le, Dinh Lam Vu, and Van	Journal of the Optical Society of America B,	31	5	1054-1061	2014

	waveguide gratings	Hoi Pham	ISSN: 0740-3224, eISSN: 1520-8540				
232	Magnetic Properties of Fe ₃ O ₄ Nanoparticles Synthesized by Coprecipitation Method	P. H. Linh, D. H. Manh, P. T. Phong, L. V. Hong, N. X. Phuc	Journal of Superconductivity and Novel Magnetism, ISSN: 1557-1939 (print version) ISSN: 1557-1947 (electronic version)	27		2111–2115	2014
233	Magnetic Surface Effects and Magnetoresistance in Manganite-based Composite Nanoparticles	P.T. Phong, N.V. Dai, D.H. Manh, N.V. Khiem, N.X. Phuc	Journal of Superconductivity and Novel Magnetism, ISSN: 1557-1939 (Print) 1557-1947 (Online)	27		1049–1058	2014
234	Study on preparation and characterization of MOF based lanthanide doped luminescent coordination polymers	Nguyen Thanh Binh, Dinh Manh Tien, Lam Thi Kieu Giang, Hoang Thi Khuyen, Nguyen Thanh Huong, Tran Thu Huong, Tran Dai Lam	Materials Chemistry and Physics, ISSN: 0254-0584	143	3	946–951	2014
235	Microwave absorption properties of dielectric La _{1.5} Sr _{0.5} NiO ₄ ultrafine particles	P.T. Tho, C.T.A. Xuan, D.M. Quang, T.N. Bach, T.D. Thanh, N.T.H. Le, D.H. Manh, N.X. Phuc, D.N.H. Nam	Materials Science and Engineering B, ISSN: 0921-5107	186		101-105	2014
236	Fabrication and Optical characterization of multimorphological nanostructured materials containing Eu(III) in phosphate matrices for biomedical application	T. T. Huong, L.T. Vinh, T. K. Anh, H. T. Khuyen, H. T. Phuong and L. Q. Minh	New Journal Of Chemistry ISSN: 1144-0546 (print) 1369-9261 (web)	38		2114 – 2119	2014
237	Optical properties of an opal with a planar defect fabricated by inverse Schaefer and	P. N. Hong, P. Bénalloul, ZGuennouni-	Optical and Quantum Electronics, ISSN:	46	11		2014

	Langmuir–Blodgett techniques	Assimi, R. Farha, C. Bourdillon, M.-C. Fauré, M. Goldmann, W. Marcillac, L. Coolen, A. Maître, C. Schwob	0306-8919 (Print) 1572-817X (Online)				
238	A triplexer based on cascaded 2×2 butterfly MMI couplers using silicon waveguides	Cao Dung Truong and Vu Chung Hoang	Optical and Quantum Electronics, ISSN: 0306-8919 (Print) 1572-817X (Online)	5	46		2014
239	Toward a fast non-destructive identification of pottery: The sourcing of 14th–16th century Vietnamese and Chinese ceramic shards	Gulsu Simsek, Philippe Colomban, Stéphanie Wong, Axelle Rougeulle, Nguyen Quang Liem, Bing Zhao	Journal of Cultural Heritage (IF: 1.392) In Press, Available online 15 May 2014 doi:10.1016/j.culher.2014.03.003				2014
240	Synthesis and optical properties of core/shell ternary/ternary CdZnSe/ZnSeS quantum dots	Nguyen Hai Yen, Willy Daney de Marcillac, Clotilde Lethiec, Phan Ngoc Hong, Catherine Schwob, Agnès Maître, Nguyen Quang Liem, Le Van Vu, Paul Bénalloul, Laurent Coolen, Pham Thu Nga	Optical Materials, ISSN: 0925-3467	36		1534–1541	2014
241	Low-cost and large-scale synthesis of CuInS ₂ and CuInS ₂ /ZnS quantum dots in diesel.	N.T M. Thuy, T.T.K. Chi, U.T.D.Thuy, N. Q. Liem	Optical Materials, ISSN: 0925-3467	37		823	2014
242	Perfect absorber metamaterials: Peak, multi-peak and broadband absorption	D. T. Viet, N. T. Hien, P. V. Tuong, N. Q. Minh. P.	Optics Communication, ISSN:	322		209-213	2014

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243	Tunable 975 nm nanosecond diode laser based master-oscillator power-amplifier system with 16.3 W peak power and a narrow spectral line width below 10 pm	Thi Nghiem Vu, Andreas Klehr, Bernd Sumpf, Hans Wenzel, Götz Erbert, Günther Tränkle	Optics Letters, ISSN: 0146-9592 eISSN: 1539-4794	39	17	5138-5141	2014
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